Illinois Rural Water Association – Navigating Drinking Water Watch

Mary Reed, Compliance Assistance Specialist



Compliance Assistance Program

I am available to assist you with retaining and/or returning to compliance with state and federal rules and regulations relating to potable water. I am normally available Monday thru Thursday morning to:

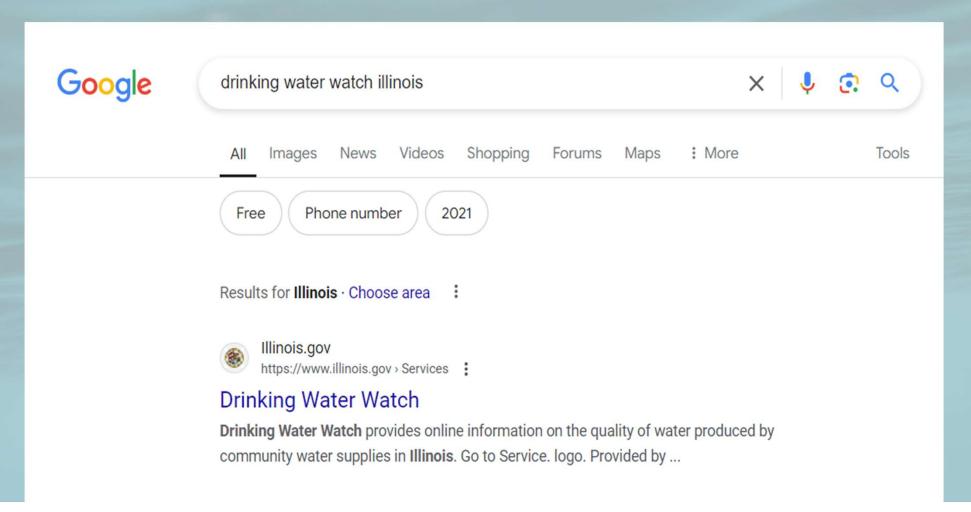
- Assist with navigating Drinking Water Watch and the operator certification database
- Assist with the development, preparation and submittal of periodic and routine compliance reports, such as CCRs, Public Notifications, Sampling forms, and Sample Site Changes
- Review your Monitoring Schedule
- Review correspondence prior to submission to the Illinois EPA
- Provide reminders about deadlines for reporting

Compliance Assistance Program

Drinking Water Watch (DWW) is the window into the information that is held in the Illinois EPA's Safe Drinking Water Information System (SDWIS)

If you look at DWW and something is not correct, then that means that it is also wrong at the Illinois EPA, and you should take action to get it corrected.

https://water.epa.state.il.us/dww/index.jsp





Government

Business

Employment

Education

Residents

Visiting

Illinois > Services

Drinking Water Watch



Drinking Water Watch provides online information on the quality of water produced by community water supplies in Illinois.

☐ GO TO SERVICE >

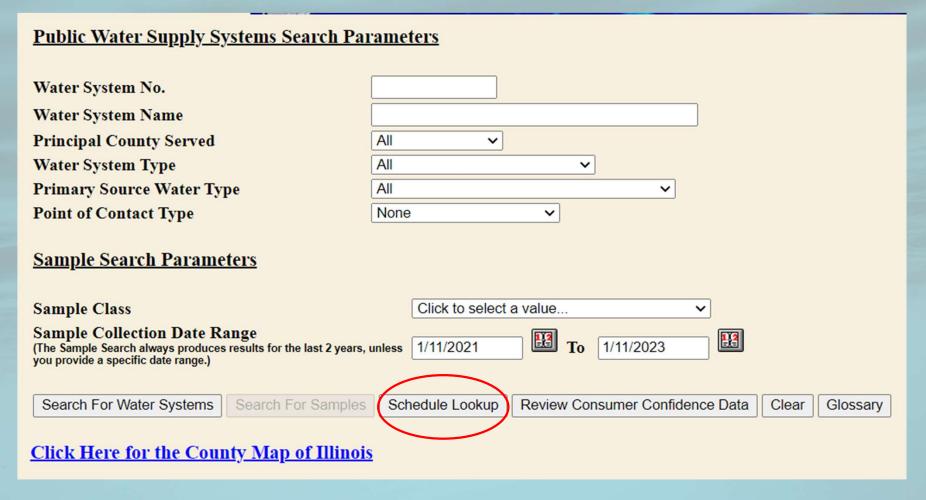


Public Water Supply Systems Search Parameters

Water System No.	
Water System Name	
Principal County Served	All
Water System Type	All
Primary Source Water Type	All
Point of Contact Type	None
Sample Search Parameters Sample Class	Click to select a value ✓
Sample Collection Date Range (The Sample Search always produces results for the last 2 years, you provide a specific date range.)	unless 8/28/2022
Search For Water Systems Search For Samples	Schedule Lookup Review Consumer Confidence Data Clear Glossary

Click Here for the County Map of Illinois

- DWW is the place to review your monitoring schedule.
- By looking at your schedule you will see what monitoring is coming up for the current year.
- The trick is to know how to access and read the schedule



	SDWIS Monitoring Schedule Loo	<u>kup</u>
Select Water System	MARION	Get all Schedules for this PWS
Select WSF	Select Facility	Get Schedules for this WSF
Schedule Da	ata for all PWSs Download schedule data for all public water systems (This data is in the format of a tilde delimited text file.	(PWSs) for use in ad hoc querying.

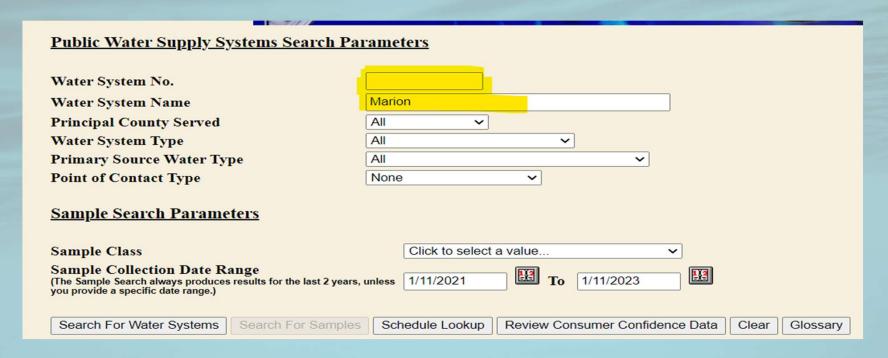
The schedule will be a PDF pop up, so you will need to have the Pop-Up Blocker turned OFF

Monitoring Schedule

IL1990550 MARION						
PROGRAM / CONTAMINANT	Number of Samples	C FREQUENCY	urrent Monitor START DATE	ing Period END DATE	State Collect	tion Period END DATE
COLIFORM (TCR) DISTRIBUTION MARIO	20 • N	Monthly	01/01/202	3 01/31/20	23 01/01/20	01/31/20
LEAD_COPPER	30	Every 3 Yea	rs 01/01/202	1 12/31/20	23 <mark>06/01/20</mark>	09/30/20
STAGE2 DBPR SUPART	7 V 4	Quarterly	01/01/202	3 03/31/20	23 <mark>01/01/20</mark>	01/31/20

- In the example on the previous slide, Marion has lead and copper sampling due in 2023. Once monitoring has been completed, they will need to provide a copy of the result and some educational materials to each household that monitored for them.
- This must be done within 30 days of receiving the results and certified to the Illinois EPA within 3 months of the end of the monitoring period. (December 29)
- Submittals can be sent to **EPA.leadandcopper@illinois.gov**
- DBP samples are also due each quarter, however they must be collected in a specific week and month of the quarter, the schedule will tell you the month, but not the week. If you have a quarterly schedule, the regulations required you monitor every 90 days.

Something else DWW can show you is if the laboratory has submitted your sample results to the Illinois EPA. The regulations require that each CWS submit sampling results within 10 days of the end of the monitoring period. There are 2 ways to get to your records. PWS ID or PWS Name



Links

Water System Facilities

Sample Schedules

Coliform/Microbial Sample Results

Coliform Sample Summary Results

Lead And Copper Sample Summary Results

Chem/Rad Samples/Results

Chem/Rad Samples/Results by Analyte

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Water Systems

Water System Search

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Drinking Water Branch

Water System Details

Water System No.: IL1990550 Federal Type: C

Water System Name: MARION State Type: C

Principal County Served: WILLIAMSON Primary Source: SWP

Status: A Activity Date: 01-01-1904

Points of Contact

Name	Job Title	Туре	Phone	Address	Email
SMITH, TYLER	SA	SA	618-993-5533	611 N. MADISON, MARION, IL-62959	Not Available
CLARIDA, H. GLENN	MUNIC.PLANNER&PW	AC	618-997-6281	1102 Tower Square, MARION, IL-62959	gclarida@cityofmarionil.gov
HOGUE, CLIFFORD W. JR.	UE, CLIFFORD W. JR. WATER FIELD SUPERVIS		618-993-5533	1102 TOWER SQUARE PLAZA, MARION, IL-62959	WATERMTN@CITYOFMARIONIL.GOV

Annual Operating Periods & Population Served

Start Month	Start Day	End Month	End Day	Population Type	Population Served
1	1	12	31	R	17428

Service Connections

Туре	Count	Meter Type	Meter Size Measure
RS	9812	ME	0

Sources of Water

Name	Type Code	Status
CC01 - EMERG. CONNECTION TO HERRIN	CC	A

Service Areas

Code	Name	
R	MUNICIPALITY	

Click on Chem/Rad Sample Results by Analyte, it will take you to an alphabetic list where you will click on the underlined blue 4-digit analyte code.

Analyte Selection List

 Water System No.:
 IL1990550
 Federal Type:
 C

 Water System Name:
 MARION
 State Type:
 C

 Principal County Served:
 WILLIAMSON
 Primary Source:
 SWP

 Status:
 A
 Activity Date:
 01-01-1904

Analyte Code	Analyte Name	Туре
<u>2981</u>	1,1,1-TRICHLOROETHANE	OC
2985	1,1,2-TRICHLOROETHANE	OC
<u>2977</u>	1,1-DICHLOROETHYLENE	OC
<u>2378</u>	1,2,4-TRICHLOROBENZENE	OC
<u>2931</u>	1,2-DIBROMO-3-CHLOROPROPANE	oc
<u>2980</u>	1,2-DICHLOROETHANE	OC
<u>2983</u>	1,2-DICHLOROPROPANE	OC
<u>2110</u>	2,4,5-TP	OC
<u>2105</u>	2,4-D	oc
2270	2,4-DINITROTOLUENE	oc
<u>2266</u>	2,6-DINITROTOLUENE	OC
2027	ACETOCHLOR	OC
<u>2047</u>	ALDICARB	OC
2044	ALDICARB SULFONE	OC
<u>2043</u>	ALDICARB SULFOXIDE	OC
2356	ALDRIN	OC
<u>1927</u>	ALKALINITY, TOTAL	WQ
<u>1074</u>	ANTIMONY, TOTAL	IOC
<u>1005</u>	ARSENIC	IOC
<u>2050</u>	ATRAZINE	OC
<u>1010</u>	BARIUM	IOC
<u>2990</u>	BENZENE	OC
<u>2306</u>	BENZO(A)PYRENE	OC
1075	REPVITIUM TOTAL	IOC

Once you have clicked on the underlined blue 4-digit analyte code and it will take you to the list of lab sample numbers.

Drinking Water Branch

Chem/Rad Samples

Water System No. : IL1990550 Federal Type: C C Water System Name: MARION State Type: SWP **Principal County Served:** WILLIAMSON **Primary Source:** 01-01-1904 Status: Activity Date :

This list displays sample/results of all non-microbial analytes (TSAANLYT.TYPE CODE <> MOR) for the last 2 years by default. If you need to search for a specific date range, use the following date fields (you can also pick a date from the pop-up calendar next to the field) and click on Search.

Sample Collection Date From

To





Lab Sample No.	Туре	Collection Date & Time	Sampling Point	Sample Location	Laboratory
1101951-01	RT	10-19-2011 08:30:00	TP05	WTP	PACE ANALYTICAL, LLC - PEORIA IL
10051978-1	RT	05-10-2010	TP05	WTP	PACE ANALYTICAL, LLC - PEORIA IL
09053977-1	RT	05-27-2009 07:30:00	TP05	WTP	PACE ANALYTICAL, LLC - PEORIA IL
08063922-1	RT	06-23-2008	TP05	WTP	PACE ANALYTICAL, LLC - PEORIA IL
<u>07053580-1</u>	RT	05-22-2007	TP05	WTP	PACE ANALYTICAL, LLC - PEORIA IL
06061085-1	RT	05-30-2006	TP05	WTP	PACE ANALYTICAL, LLC - PEORIA IL

Click on the lab ID and It will show you all the results submitted for that sample ID. If the concentration column is blank that means it was NOT DETECTED

Chem/Rad Sample Results

Water System No.: IL1990550 Federal Type: C C MARION State Type: Water System Name: WILLIAMSON **Primary Source:** SWP Principal County Served: Activity Date : 01-01-1904 Status: Lab Sample No. : 1101951-01 Collection Date: 10-19-2011

This list displays sample/results of all non-microbial analytes (TSAANLYT.TYPE_CODE >> MOR) associated to the selected sample. Results for Microbial Analytes are not included.

Analyte Code	Analyte Name	Method Code	Less than Indicator	Level Type	Reporting Level	Concentration level	Monitoring Period Begin Date	Monitoring Period End Date
1005	ARSENIC	200.8	Y	MRL	1 UG/L		01-01-2011	12-31-2011
1010	BARIUM	200.8			0	15 UG/L	01-01-2011	12-31-2011
1015	CADMIUM	200.8	Y	MRL	1 UG/L		01-01-2011	12-31-2011
1020	CHROMIUM	200.8	Y	MRL	4 UG/L		01-01-2011	12-31-2011
1024	CYANIDE	4500CN-C	Y	MRL	0.005 MG/L	_	01-01-2011	12-31-2011
1025	FLUORIDE	300.0			0	0.78 MG/L	01-01-2011	12-31-2011
1028	IRON	200.7	Y	MRL	0.01 MG/L		01-01-2011	12-31-2011
1032	MANGANESE	200.8			0	4.1 UG/L	01-01-2011	12-31-2011
1035	MERCURY	200.8	Y	MRL	0.2 UG/L		01-01-2011	12-31-2011
1036	NICKEL	200.8	Y	MRL	5 UG/L		01-01-2011	12-31-2011
1038	NITRATE-NITRITE	null			0	0.19 MG/L	01-01-2011	12-31-2011
1040	NITRATE	300.0			0	0.19 MG/L	01-01-2011	12-31-2011
1041	NITRITE	300.0	Y	MRL	0.15 MG/L		01-01-2011	12-31-2011

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Water System Facilities

Sample Schedules

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Water System Details

Water System No.: IL1990550 Federal Type: C

Water System Name: MARION State Type: C

Principal County Served: WILLIAMSON Primary Source: SWP

Status: A Activity Date: 01-01-1904

Points of Contact

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CLARIDA, H. GLENN	MUNIC.PLANNER&PW	AC	618-997-6281	1102 Tower Square, MARION, IL-62959	gclarida@cityofmarionil.gov
HOGUE, CLIFFORD W. JR.	GUE, CLIFFORD W. JR. WATER FIELD SUPERVIS		618-993-5533	1102 TOWER SQUARE PLAZA, MARION, IL-62959	WATERMTN@CITYOFMARIONIL.GOV

Annual Operating Periods & Population Served

Start Month	Start Day	End Month	End Day	Population Type	Population Served
1	1	12	31	R	17428

Service Connections

Туре	Count	Meter Type	Meter Size Measure
RS	9812	ME	0

Sources of Water

Name	Type Code	Status
CC01 - EMERG. CONNECTION TO HERRIN	CC	A

Name

MUNICIPALITY

Service Areas

Code

On the violation page you can click on the blue underlined number and it will take you deeper into the violation

Group Violations

Violation No.	Status V	Violation Type	Violation Name	Analyte Group Code	Analyte Group Name	Water System Facility State Asgn ID	Water System Facility Name
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Total Number of Records Fetched = 0

Individual Violations

Violation No.	Status	Violation Type	Violation Name		Analyte Name	Water System Facility State Asgn ID	Water System Facility Name
<u>2013-7093827</u>	V	27	MONITORING, ROUTINE (DBP), MINOR	1006	CHLORAMINE	DISTRIBUTION	MARION
<u>2013-7093826</u>	V	24	MONITORING (TCR), ROUTINE MINOR	3100	COLIFORM (TCR)	null	null
<u>2011-7093815</u>	V	27	MONITORING, ROUTINE (DBP), MAJOR	1927	ALKALINITY, TOTAL	TOCRAW	SSIN01355, IN71850
2011-7093814	V	27	MONITORING, ROUTINE (DBP), MAJOR	2920	CARBON, TOTAL	ITDOS	TP 05-TREATMENT PLANT ABANDONED
<u>2011-7093816</u>	V	36	MONITORING, RTN/RPT MAJOR (SWTR- FILTER)	1006	CHLORAMINE	ITP05	TP 05-TREATMENT PLANT ABANDONED
<u>2011-7093817</u>	V	38	MONITORING, ROUTINE (IESWTR/LT1), MAJOR	0100	TURBIDITY	11P05	TP 05-TREATMENT PLANT ABANDONED
2011-7093813	V	27	MONITORING, ROUTINE (DBP), MAJOR	2920	CARBON, TOTAL	TOCRAW	SSIN01355, IN71850
2011-7093812	V	71	CCR REPORT	7000	CONSUMER CONFIDENCE RULE	null	null
2003-7087903	V	27	MONITORING, ROUTINE (DBP), MAJOR	2920	CARBON, TOTAL	TOCRAW	SSIN01355, IN71850
<u>2003-7087603</u>	V	27	MONITORING, ROUTINE (DBP), MAJOR	2920	CARBON, TOTAL	TOCRAW	SSIN01355, IN71850
2002-7087102	V	44	MONTHLY COMB FLTR EFFLUENT (IESWTR/LT1)	0300	IESWTR	null	null
<u>2001-7087301</u>	V	CC	CCR A/A/C (STATE ONLY VIOLATION)	7000	CONSUMER CONFIDENCE RULE	null	null
<u>1997-3846897</u>	V	22	MCL (TCR), MONTHLY	3100	COLIFORM (TCR)	null	null

Violation Detail

Water System No.: IL1990550 Federal Type : C MARION Water System Name: State Type: C **Principal County Served:** WILLIAMSON **Primary Source:** SWP 01-01-1904 Status: A **Activity Date:**

> Violation No.: 2013-7093827 Determination Date: 09-18-2013

MONITORING, ROUTINE Violation Name: Violation Type: 27 (DBP), MINOR

Violation Category: MON V Status:

Analyte Code: Analyte Name: CHLORAMINE 1006

Compliance Period End 08-31-2013 Compliance Period Begin 08-01-2013 Date: Date:

Violation Period End 09-30-2013

Violation Period Begin Date: 07-01-2013

Date:

Water System Facility State DISTRIBUTION Water System Facility MARION

Asgn ID:

Name:

Analysis Result:

Enforcement Action(s)

Enforcement Action No.	Action Type	Name	Status	Date
2014-6752632	SIF	ST PUBLIC NOTIF RECEIVED	T	05-28-2014
2014-6752631	SOX	ST COMPLIANCE ACHIEVED	T	09-18-2013
2013-6752629	SIA	ST VIOLATION/REMINDER NOTICE	T	09-18-2013
2013-6752630	SIE	ST PUBLIC NOTIF REQUESTED	T	09-18-2013

Another helpful link, is the Water System Facilities. This will show you all active and inactive facilities for your system as well as the sample points

Links

Water System Facilities

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Drinking Water Branch

Water System Details

Water System No.: IL1990550

Federal Type :

С

SWP

Water System Name : Principal County Served : MARION WILLIAMSON

Primary Source :

State Type:

Activity Date:

01-01-1904

Status: A

Points of Contact

Name	Job Title	Туре	Phone	Address	Email
SMITH, TYLER	SA	SA	618-993-5533	611 N. MADISON, MARION, IL-62959	Not Available
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Service Connections

Туре	Count	Meter Type	Meter Size Measure
RS	9812	ME	0

Sources of Water

Name	Type Code	Status
CC01 - EMERG. CONNECTION TO HERRIN	CC	A

Code	Name
R	MUNICIPALITY

Service Areas

You can see pump stations, intakes, connections, distribution system and if you click on blue underline it takes you deeper into the database.

 Water System No.:
 IL1990550
 Federal Type:
 C

 Water System Name:
 MARION
 State Type:
 C

 Principal County Served:
 WILLIAMSON
 Primary Source:
 SWP

 Status:
 A
 Activity Date:
 01-01-1904

State Asgn ID No.	Facility Name	Туре	Activity Status
W1998560002	BOW ID	BW	A
<u>CC01</u>	CC01 - EMERG. CONNECTION TO HERRIN	CC	A
CC02	CC02 - MARION MASTER METER	CC	A
DISTRIBUTION	MARION	DS	A
IDSE943	IDSE	DS	A
<u>PF01</u>	PF01 - BOOSTER STATION #1	PF	A
<u>PF03</u>	PF03 - BOOSTER STATION #3	PF	A
<u>PF06</u>	PF06 - BOOSTER STATION #2	PF	A
<u>PF07</u>	PF07 - BOOSTER STATION #4	PF	A
IL0555100	REND LAKE INTER-CITY WATER SYSTEM	PS	A
<u>GENFIN</u>	GENERIC FINISHED SAMPLING STATION	SS	A
GENRAW	GENERIC RAW SAMPLING STATION	SS	A
ELEV01	ELEV01 - ELEVATED TANK #1	ST	A
ELEV02	ELEV02 - ELEVATED TANK #2	ST	A
ELEV03	ELEV03 - ELEVATED TANK #3	ST	A
<u>GR01</u>	GR01 - GROUND STORAGE TANK #1	ST	A
<u>ILG640158</u>	NPDES NUMBER	WW	A
<u>IN01355</u>	INTAKE (01355) NEW RESERVOIR ABANDONED	IN	I
<u>IN71850</u>	INTAKE (71850) CITY LAKE ABANDONED	IN	I
<u>IN71851</u>	INTAKE (71851) ABANDONED	IN	I
<u>IN71852</u>	INTAKE (71852) ABANDONED	IN	I
LT2	LT2-SAMPLE STATION	SS	I
TOCRAW	SSIN01355, IN71850	SS	I
DIST-ELEV	DISTRIBUTION ELEVATED STORAGE	ST	I

Here you can see the ACTIVE sampling points.

Sampling Points

Sampling Point	Location	Туре
AI	REPRESENTATIVE OF A-C PIPE	DS
C01A	1316 S. VAN BUREN ST.	DS
C01AD	1321 S. VAN BUREN ST.	DS
C01AU	111 W. BOYTON ST.	DS
C01B	800 TOWER SQUARE PLAZA	DS
C01BD	800 TOWER SQUARE PLAZA	DS
C01BU	605 TOWER SQUARE PLAZA	DS
C01C	1501 E. DEYOUNG ST.	DS
C01CD	1517 E. DEYOUNG ST.	DS
C01CU	1409 E. DEYOUNG ST.	DS
C01D	423 S. COURT ST.	DS
C01DD	505 S. COURT ST.	DS
C01DU	411 S. COURT ST.	DS
C01E	350 TOWER SQUARE PLAZA	DS
C01ED	504 TOWER SQUARE PLAZA	DS
C01EU	204 TOWER SQUARE PLAZA	DS
C01F	1603 E. DEYOUNG ST.	DS
C01FD	1703 E. DEYOUNG ST.	DS
C01FU	1519 E. DEYOUNG ST.	DS
C02A	1817 N. COURT ST.	DS
C02AD	1821 N. COURT ST.	DS
C02AU	1811 N. COURT ST.	DS
C02B	701 E. DEYOUNG ST.	DS

Drinking Water Watch is a window into everything in the Illinois EPA's database. If you become familiar with DWW and how to navigate it, you will be able to make sure that information is correct and that your samples are being reported timely and correctly.

Important Links to keep handy

Illinois Rural Water Assn. https://www.ilrwa.org/index.htm

Illinois EPA https://www2.illinois.gov/epa/Pages/default.aspx

Drinking Water Watch https://water.epa.state.il.us/dww/index.jsp
Operator Certification Database

http://dataservices.epa.illinois.gov/operatorcertification/OpCertLogin.aspx

Small Water System Operators https://wateroperator.org/

US EPA https://www.epa.gov/ground-water-and-drinking-water

ASDWA https://www.asdwa.org/

Contact Information

Hours: Monday – Thursday

8:00 am to 1:00 pm

Email: reed@ilrwa.org

Cell Phone 217-561-8376

Office Phone 217-287-2115