

Illinois  
Environmental  
Protection Agency

Public Water Supplies  
2200 Churchill Road  
Springfield, IL 62794-9276

February 1994

*Illinois Groundwater  
Protection Program:  
Volume III: Biennial Technical  
Appendices Report*

*Prepared by the  
Interagency Coordinating Committee  
on Groundwater*

*February 1994*

Submitted to the Governor  
and Illinois General Assembly

**ILLINOIS GROUNDWATER PROTECTION PROGRAM**

**VOLUME III: TECHNICAL APPENDICES**

**February, 1994**

Prepared by the  
Interagency Coordinating Committee  
on Groundwater

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APPENDIX A

INORGANIC CONSTITUENT SUMMARY FOR COMMUNITY WATER SUPPLY WELLS

CRITERIA

NUMBER ABOVE ESTABLISHED CRITERIA

PARAMETER	GU	PFP	MCL	GWSI	GWSII	# OF SAMPLE	# OF DETECTS	MEAN	MIN	MAX	95%	75%	MEDIAN	25%	5%	UNITS
Total Dissolved																
Solids	1000	500	--	1200	1200	3892	3892	566.73	29.0	3700	1170	643	471	382	292	Mg/L
Fluoride (F)	1.4	--	4.0	4.0	4.0	3920	3758	.54	.05	168	1.42	.57	.32	.18	.10	Mg/L
Chloride (Cl)	500	250	--	200	200	3925	2338	46.26	1.0	1740	201	41	16	4.1	1.0	Mg/L
Sulfate (SO4)	500	250	--	400	400	3928	3048	103.46	.08	1515	383	120	51	14	10	Mg/L
Phenol (Phe)	100	1.0	--	--	--	3589	98	5.30	.01	60	<5.0	<5.0	<5.0	<5.0	<5.0	Ug/L
Cyanide (CN)	.025	.2	.2	.2	.6	3917	41	.01	0	7.0	.01	.01	.01	.005	<.005	Mg/L
Arsenic (As)	1000	50	50	50	200	3926	1144	4.60	.001	303	24	2.0	<1.0	<1.0	<1.0	Ug/L
Lead (Pb)	100	50	50	7.5	100	3875	248	6.19	.05	260	7.0	<5.0	<5.0	<5.0	<5.0	Ug/L
Mercury (Hg)	.5	--	2	2.0	10	3900	297	.10	.01	100	.10	.05	.05	.01	<.01	Ug/L
Selenium (SeI)	1000	10	10	50	50	3918	176	1.19	.005	103	2.0	<1.0	<1.0	<1.0	<1.0	Ug/L
Barium (Ba)	5000	1000	1000	2000	2000	3903	3878	228.10	5.0	22940	525	175	80	39	14	Ug/L
Boron (B)	1000	--	--	2000	2000	3895	2849	294.40	.05	5517	1014	403	157	<50	<50	Ug/L
Cadmium (Cd)	50	10	10	5	50	3897	46	3.21	2.0	41	5.0	<3.0	<3.0	<3.0	<3.0	Ug/L
Chromium (Cr)	1000	50	50	100	1000	3896	284	5.29	3.0	130	7.0	<5.0	<5.0	<5.0	<5.0	Ug/L
Copper (Cu)	20	--	5000	650	650	3896	508	14.23	2.02	2680	32	6.0	<5.0	<5.0	<5.0	Ug/L
Iron (Fe)	1000	--	1000	5000	5000	3900	3242	1452.36	5.0	45040	5407	1802	641	135	50	Ug/L
Manganese (Mn)	1000	150	150	150	10000	3901	2239	96.32	4.0	2240	498	76	22	7.0	5.0	Ug/L
Nickel (Ni)	1000	--	--	100	2000	3897	165	7.06	3.0	195	15	<5.0	<5.0	<5.0	<5.0	Ug/L
Silver (Ag)	5.0	--	50	50	--	3894	102	3.55	1.0	160	5.0	<3.0	<3.0	<3.0	<3.0	Ug/L
Zinc (Zn)	1000	--	5000	5000	10000	3893	286	81.16	2.0	16050	130	50	<50	<50	23	Ug/L
Nitrite (NO2)			1													
Nitrate (NO3)	10	--	10	10	100	3941	3014	1.09	.01	110	4.3	1.0	.42	.099	<.099	Mg/L
NO2 & NO3			10													

Footnotes:

- \* - Value is estimated by using a log-probability regression to predict the values below the detection limit.
- GU - General Use Criteria, 35 IL. Adm. Code, 302.208
- PFP - Public And Food Processing Criteria, 35 IL. Adm. Code 302.304
- MCL - Maximum Contaminant Level, 35 IL. Adm. Code, 611.300
- GWSI - Groundwater Standards for Class I, 620.410
- GWSII - Groundwater Standards for Class II, 620.420
- Mg/L - Milligrams Per Liter
- Ug/L - Micrograms Per Liter

APPENDIX B

General Statistical Summary of VOC/VOA's

PARAMETER	STORET NUMBER	GWSI	GWSII	NUMBER OF DETECTIONS (N)	NUMBER OF SAMPLES	MEAN	STANDARD DEVIATION (STDEV)	MINIMUM VALUE (MIN)	MAXIMUM VALUE (MAX)	CONFIDENCE INTERVALS		UNITS
										95%	50%	
1,1-Dichloroethylene	34501	7	35	59	4602	4.64	7.09	1.0	41.8	15.6	4.1	Ug/L
1,1-Dichloroethane	34496	---	---	110	4686	4.83	10.70	.8	96.7	9.0	5.0	Ug/L
cis 1,2-Dichloroethylene	77093	70	200	10	638	64.96	146.85	.6	500.0	30.0	19.0	Ug/L
1,2-Dichloroethane	32103	5	25	17	2675	2.74	2.50	1.0	10.0	10.0	3.0	Ug/L
1,1,1-Trichloroethane	34506	200	1000	157	4685	10.37	23.18	1.0	143.0	45.0	8.0	Ug/L
Bromodichloromethane	32102	---	---	91	4685	4.94	5.58	1.0	26.0	18.0	5.0	Ug/L
Trichloroethylene	39180	5	25	229	4686	26.32	104.80	.6	990.0	101.0	14.0	Ug/L
tetrachloroethylene	34475	5	25	146	4685	26.44	76.69	1.0	565.0	100.0	21.0	Ug/L
Chlorobenzene	34301	---	---	20	4685	7.15	7.33	1.0	27.0	22.0	7.0	Ug/L
Benzene	34030	5	25	12	2610	4.09	7.95	.8	29.0	29.0	2.0	Ug/L
Toluene	34010	1000	2500	5	2604	3.40	5.23	1.0	11.0	8.8	2.5	Ug/L
Ethylbenzene	34371	700	1000	1	2607	1.00	---	1.0	1.0	---	---	Ug/L
Xylene	81551	10000	10000	9	2552	16.50	29.31	.7	81.0	81.0	6.0	Ug/L
Carbon Tetrachloride	32102	5	25	13	4681	.95	.23	.5	8.0	8.0	5.0	Ug/L
Dichlorobenzene	34716	---	---	7	2005	1.57	.53	1.0	2.0	2.0	2.0	Ug/L

Footnotes:

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 GWSI - Groundwater Standards for Class I, 620.410  
 GWSII - Groundwater Standards for Class II, 620.420

APPENDIX C



Summary of the Characteristics of Community Wells with Detections of Synthetic Organic Compounds

Facility Name	County	Well No.	Date Drilled	Well Depth (ft)	*Suscept. Rating	Minimum Setback (ft)	Aquifer Type	Distance to Potential Source (ft)
Union/York (PWD)	Clark	#1	1965	115	B1	400	Sand & Gravel	1,750
		#3	1988	115	B1	400	Sand & Gravel	1,730
Kirkwood	Warren	#4	1948	1,069	E	200	Deep Bedrock	1,350
Monmouth	Warren	#7	1966	2,448	E	200	Deep Bedrock	600
Plainville	Adams	#4	1977	220	A5	400	Shallow Bedrock	250
Arenzville	Cass	#1	1947	60	AX	400	Sand & Gravel	200
		#2	1969	60	AX	400	Sand & Gravel	160
Chandlerville	Cass	#2	1969	37	AX	400	Sand & Gravel	760
Forrest	Livingston	#3	1926	105	B2	400	Sand & Gravel	2,100
Good Hope	McDonough	#2	1964	78	C1	400	Sand & Gravel	465
Creve Coeur	Tazewell	#3	1950	78	AX	400	Sand & Gravel	180, 1,100 & 1,250
Mackinaw	Tazewell	#4	1969	42	AX	400	Sand & Gravel	675
South Pekin	Tazewell	#4	1973	112	A2	400	Sand & Gravel	250
		#5	1979	117	A2	400	Sand & Gravel	400
Heyworth	McLean	#2	1959	59	AX	400	Sand & Gravel	1,900
Pleasant Hill	Pike	#4	1982	75	AX	400	Sand & Gravel	400, 800 & 810
Petersburg	Menard	#1	1896	48	AX	400	Sand & Gravel	none known
Crossville	White	#3	1986	60	AX	400	Sand & Gravel	none known
Rockford	Winnebago	#23	1964	93	AX	400	Sand & Gravel	none known
Lincoln Wtr Co	Logan	#14	1983	54	AX	400	Sand & Gravel	none known
Karnak	Pulaski	#2	1979	32	A2	400	Sand & Gravel	2,000
Davis	Stephenson	#1	1955	430	A5	400	Deep Bedrock	300
Allendale	Wabash	#3	1949	170	F	200	Shallow Bedrock	1,150
		#4	1951	170	F	200	Shallow Bedrock	870
Galesburg	Knox	#3-74	1975	102	AX	400	Sand & Gravel	none known

\* Key to Susceptibility Rating:

AX - Alluvium, a mixture of gravel, sand, silt, and clay along streams, variable in composition and thickness

A2 - Thick, permeable sand and gravel within 20 ft. of land surface

A5 - Permeable bedrock generally within 20 ft. of land surface: overlying materials variable but mostly till

B1 - Sand and gravel less than 20 ft. thick over relatively impermeable till or bedrock

B2 - Sand and gravel, within 20 ft. of surface, overlain and underlain by relatively impermeable till, other fine-grained material and/or bedrock

C1 - Permeable bedrock within 20 to 50 ft. of surface, overlain by till or other fine-grained material

E - Uniform, relatively impermeable silty or clayey till at least 50 ft. thick; no evidence of interbedded sand & gravel

F - Relatively impermeable bedrock within 20 ft. of surface, mostly overlain by till or other fine-grained materials

APPENDIX D

General Statistical Summary of SOC's

PARAMETER	STORET NUMBER	GWSI	GWSII	NUMBER OF DETECTIONS (N)	MEAN	STANDARD DEVIATION (STDEV)	MINIMUM VALUE (MIN)	MAXIMUM VALUE (MAX)	CONFIDENCE INTERVALS			UNITS
									95%	75%	50%	
Lindane	39340	0.2	1	0	.01	.0555	.01	.01	.01	.01	.01	Ug/L
Heptachlor	39410	0.4	2	0	.01	.0557	.01	.01	.01	.01	.01	Ug/L
Aldrin	39330	--	--	0	.01	.0555	.01	.01	.01	.01	.01	Ug/L
Heptachlor Epoxide	39420	0.2	1	0	.01	.0580	.01	.01	.01	.01	.01	Ug/L
Alpha-Chlordane	39348	--	--	1	.01	.0619	.01	1.0	<.01	<.01	<.01	Ug/L
Gamma-Chlordane	39810	--	--	3	.01	.0510	.01	1.0	<.01	<.01	<.01	Ug/L
Dieldrin	39380	--	--	0	.01	.0555	.01	.01	.01	.01	.05	Ug/L
Endrin	39390	2	10	0	.01	.0555	.01	.01	.01	.01	.01	Ug/L
Methoxychlor	39480	40	200	0	.05	.0534	.05	.05	.05	.05	.05	Ug/L
O,P'-DDE	39327	--	--	0	.01	.0555	.01	.01	.01	.01	.01	Ug/L
P,P'-DDE	39320	--	--	0	.01	.0555	.01	.01	.01	.01	.01	Ug/L
O,P'-DDD	39315	--	--	0	.01	.0556	.01	.01	.01	.01	.01	Ug/L
P,P'-DDD	39310	--	--	0	.01	.0555	.01	.01	.01	.01	.01	Ug/L
O,P'-DDT	39305	--	--	0	.01	.0555	.01	.01	.01	.01	.01	Ug/L
P,P'-DDT	39300	--	--	0	.01	.0555	.01	.01	.01	.01	.01	Ug/L
Total PCB's	39516	--	--	4	.106	.0782	.01	.10	<.01	<.01	<.01	Ug/L
Toxaphene	39400	3	15	0	.978	.1453	1.0	1.0	1.0	1.0	1.0	Ug/L
2,4-D	39730	70	350	0	.084	.0727	.10	.10	.10	.10	.10	Ug/L
Silvex	39760	50	250	0	.05	.06	.05	.05	.05	.05	.05	Ug/L
Trifluralin	81284	--	--	0	.01	.0854	.01	.01	.01	.05	.01	Ug/L
Atrazine	39630	3	15	30	.099	.3381	.05	4.80	.073	<.05	<.05	Ug/L
Alachlor	77825	2	10	25	.17	1.246	.02	18.00	.020	<.02	<.02	Ug/L
Metolachlor	39356	--	--	19	.23	1.020	.10	12.00	.10	<.10	<.10	Ug/L
Cyanazine	81757	--	--	10	.08	.2749	.05	4.50	.05	<.05	<.05	Ug/L
Total Violations*				92								

Footnotes:

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 GWSI - Groundwater Standards for Class I, 620.410  
 GWSII - Groundwater Standards for Class II, 620.420

\* A violation is a concentration above the minimum detection limit for that compound.

APPENDIX E

APPENDIX E. ILLINOIS ENVIRONMENTAL PROTECTION AGENCY  
REMEDIAL ACTION SUMMARY  
IN RESPONSE TO CONTAMINATED COMMUNITY WATER SUPPLY WELLS  
AND LISTING OF MAJOR PROBLEMS WITH COMMUNITY WATER SUPPLY WELLS

In the spring of 1987 the Illinois Environmental Protection Agency, Division of Public Water Supplies, referred to the Division of Land Pollution Control's Pre-remedial Program a total of fifty-seven contaminated public well sites. Table E.1 displays the status of remedial response actions. The initial step in their investigation process involved the completion of a preliminary assessment. The preliminary assessment (PA) is an initial screening tool which utilizes existing documented information to determine if a site will receive further study. All public water supply assessments were completed by the spring of 1988.

The second step in the pre-remedial process involves the completion of a screening site inspection (SSI) report. During this phase, the investigative team tours the site, develops an inspection work plan, and may conduct a limited hydrologic investigation (for the purpose of determining natural groundwater movement patterns and delineate the public wells area of influence).

Information obtained during the hydrologic investigation can also be used to identify and/or eliminate potential sources of contamination. Sometimes tentatively identified responsible parties can be identified during the screening site inspection. It may also be determined that no further action can or should be taken at the site. As of July 2, 1993, screening site inspections have been completed at twenty-six contaminated well sites.

The third and final stage of the pre-remedial process is the listing inspection and site scoring. During this phase, additional information can be obtained about the site and potential responsible parties. A much more detailed hydrologic investigation can be undertaken, and tentative investigative findings can be either confirmed or disapproved.

As more information is obtained and sources of contamination identified the

public well site will be removed from CERCLIS and the responsible party added. This new site will then be scored and possibly entered on either the National Priorities List or the State Priorities List.

In addition, Table E.2 of Appendix E displays a summary of the major problems with community water supply wells tested to date, a summary of action taken, and preliminary well site survey information. Appendix F provides a graphical location for each well summarized in Table E.2. Each well on the maps is labeled with a five-digit identification number which can be cross-referenced to table E.2.

Table E.1 PREREMEDIAL PROGRAM INVESTIGATIONS OF PUBLIC WATER SUPPLY SITES

SITE	ASSESSMENT	INSPECTION	SCORING	PRP/ID
	COMPLETED	COMPLETED	UNDERWAY	
Mill Creek #1	X	X 12-21-88		X
Belvidere #2 & 3	X	X 2-28-90		
Arenzeville #2	X	X 12-16-88		X
Chandlerville #2	X	X 12-21-88	X	X
Kemmerer Village #6	X	X 7-2-93		X
Sandwich #1 & 2	X	X 12-28-88		X
Carol Stream #1	X	X NFA		
Downers Grove #6 & 8	X	X NFA		
Naperville #8	X	X NFA		
Momence #3	X	X NFA		
Plano #4	X	X 1-10-91		
Edwardsville #8	X	X 12-5-88		X
Hartford #2, 3 & 4	X			X
Fox River Grove #2	X	X 12-28-88		X
Harvard #6	X			
Woodstock #1	X	X NFA		
Petersburg #1 & 5	X	X 11-23-88		
Nokomis #6	X	X 8-16-90		X
Princeville #1	X	X 2-5-91		
Freeport Wells	X	X 2-4-91		
Ill. American #1 & 3	X	X 5-22-91		
Mackinaw #4	X	X 12-7-88		X
Albion #1	X	X NFA		
Morrison #1 & 3	X			
New Lenox #4	X	X 8-16-90		
GEM Suburban #3	X	X NFA		
GEM Suburban #4	X	X NFA		
Morristown MHP	X	X 11-13-90		
Barretts MHP	X	X 12-8-88		

Rockford #2,3,4,5,6,7a,8,8a,11,12,13,15,19,23,24,33 & 38 - will be investigated within the context of the NPL Southeach Rockford study.

\* NFA - no further investigation actions planned

Table E.2

STATEWIDE GROUNDWATER CONTAMINATION SUMMARY

PUBLIC WELL CONTAMINATION IN ADAMS COUNTY

<u>Municipality and Well</u>	<u>Contaminants</u>	<u>Highest Level (ppb)</u>
0010600 Plainville Well #4 (50150) - Active	Gamma Chlordane Atrazine	.012 .840
0015300 Mill Creek Well #1 (52013) - Active	Carbon Tetrachloride 1,1,1-TCA	5.0 1.0
Well #2 (52014) - Active	Carbon Tetrachloride 1,1,1-Trichloroethane	5.2 1.0
0015425 El Rancho Vista Ests Compliance Monitoring	1,1,1-Trichloroethane	1.70



PUBLIC WELL CONTAMINATION IN BOND COUNTY

Municipality and Well

0050200 Pocahontas  
Compliance Monitoring  
Water Treatment Plant

Contaminants

Ethylbenzene  
Xylenes

Highest Level (ppb)

.60  
7.60

PUBLIC WELL CONTAMINATION IN BOONE COUNTY

Municipality and Well

0070050 Belvidere  
Well #2 (11300) - Active

Well #3 (11301) - Active

Well #4 (11302) - Active

Well #5 (11303) - Active

Well #6 (11304) - Active

Compliance Monitoring  
Well #4 (11305) - Active

Well #5 (11303) - Active

Contaminants

Highest Level (ppb)

Trichloroethylene	13.0
Tetrachloroethylene	23.0
Toluene	2.0
1,2-Dichloroethane	2.0
Trichloroethylene	6.0
Tetrachloroethylene	26.0
Trichloroethylene	1.0
Tetrachloroethylene	2.0
1,1-Dichloroethylene	3.0
Benzene	3.0
1,1,1-Trichloroethane	1.9
Trans-1,2-Dichloroethylene	3.9
Trichloroethylene	1.0
Tetrachloroethylene	3.0
Trichloroethylene	2.0
Tetrachloroethylene	2.6
1,1-Dichloroethylene	2.0
Benzene	5.0
Trichloroethylene	3.0
Cis-1,2-Dichloroethylene	5.60
Tetrachloroethylene	1.80
Para(1,4)Dichlorobenzene	1.60
Tetrachloroethylene	1.90

Well #6 (11304) - Active

Trichloroethylene	2.60
Benzene	4.70
1,1,1-Trichloroethane	1.0
Cis-1,2-Dichloroethylene	4.70
Tetrachloroethylene	1.10
Trans-1,2-Dichloroethylene	4.40

Well #7 (11305) - Active

1,1-Dichloroethylene	2.0
Cis-1,2-Dichloroethylene	3.60
Benzene	3.0
Trichloroethylene	.90
1,1,1-Trichloroethane	.60

Well #8 (11306) - Active

Tetrachloroethylene	1.90
---------------------	------

0075105 Capron MHP

Well #1 (11001) - Inactive

1,2-Dichloroethane	1.0
--------------------	-----

Well #2 (11002) - Inactive

1,2-Dichloroethane	2.0
--------------------	-----

Compliance Monitoring

Well #1 (11001) - Inactive

1,2-Dichloroethane	1.90
Benzene	1.90

PUBLIC WELL CONTAMINATION IN BUREAU COUNTY

Municipality and Well

0110100 Buda  
Well #5 (11324) - Active

0110800 Ohio  
Compliance Monitoring  
Well #5 (11362) - Active  
Well #4 (11363) - Active

0110950 Sheffield  
Compliance Monitoring

0111000 Spring Valley  
Compliance Monitoring

Contaminants

Toluene

Xylenes

Xylenes

Carbon Tetrachloride

1,2-Dichloroethane

Highest Level (ppb)

2.0

2.40

1.40

3.50

1.0

PUBLIC WELL CONTAMINATION IN CASS COUNTY

Municipality and Well

0170050 Arenzville  
Well #1 (52027) - Active

Well #2 (52028) - Active

0170200 Chandlerville  
Well #2 (52132) - Inactive (as of October, 1993)

Contaminants

PCBs  
Cyanazine  
Alachlor

Atrazine  
Cyanazine

Atrazine  
Alachlor  
Metolachlor  
Cyanazine

Highest Level (ppb)

.33  
.07  
.130

.530  
.30

4.8  
18.0  
12.0  
4.5

PUBLIC WELL CONTAMINATION IN CHAMPAIGN COUNTY

Municipality and Well

Contaminants

Highest Level (ppb)

0190850 Sidney  
Compliance Monitoring  
Water Treatment Plant

Xylenes

6.90

0195300 Champaign - N. II Water  
Compliance Monitoring  
North Wells (45067, 45068, 45069-74) - Active

Benzene  
Carbon Tetrachloride  
Styrene

.50  
.80  
1.40

West Wells (00255, 45075-84) - Active

Carbon Tetrachloride

.90

0195637 Chanutte AFB  
Compliance Monitoring  
Water Treatment Plant C (45272, 45273) - Active

Ethylbenzene  
Xylenes

.60  
3.40

Water Treatment Plant B (45272-45271)

Benzene  
Toluene

.50  
1.20

PUBLIC WELL CONTAMINATION IN CHRISTIAN COUNTY

Municipality and Well

0215189 Kenmerer Village (Children's Home)  
Well #6 (00148) - Active

Compliance Monitoring  
Water Treatment Building

Contaminants

Trichloroethylene  
Tetrachloroethylene  
Trans-1,2-Dichloroethylene

Tetrachloroethylene  
Cis-1,2-Dichloroethylene

Highest Level (ppb)

3.0  
32.0  
7.0

13.0  
.70

PUBLIC WELL CONTAMINATION IN CLINTON COUNTY

Municipality and Well

0270350 Germantown  
Well #1 (60058)

Contaminants

1,2-Dichloroethane

Highest Level (ppb)

2.0



PUBLIC WELL CONTAMINATION IN COOK COUNTY

Municipality and Well

Contaminants

Highest Level (ppb)

0310600 Crestwood  
Well #1 (20593) - Active

1,1-Dichloroethylene

2.8

0310720 Ford Heights  
Well #4 (21161) - Active

Tetrachloroethylene  
Cis-1,2-Dichloroethylene

.90

1.0

Well #5 (21162) - Active

Cis-1,2-Dichloroethylene  
1,2-Dichloroethane

1.60

1.10

Well #6 (00205) - Inactive

Tetrachloroethylene

1.70

Well #7 (00206) - Active

Cis-1,2-Dichloroethylene

.50

0311620 Lemont

Compliance Monitoring

Well #2 (20604) - Active

Toluene

4.10

Well #4 (20606) - Active

Methylene Chloride

.80

0312550 Richton Park

Compliance Monitoring

Well #2 (20587) - Active

Tetrachloroethylene

2.90

Well #3 (20588) - Active

Tetrachloroethylene

3.0

0312940 South Chicago Heights

Well #2 (20576) - Active

Trans-1,2-Dichloroethylene

1.0

Well #3 (20577) - Active

Trans-1,2-Dichloroethylene

1.0

Compliance Monitoring

Well #3 (20577) - Active

Vinyl Chloride

2.70

1,1,1-Trichloroethane

.70

Cis-1,2-Dichloroethylene

.60

0314120 Bartlett  
Compliance Monitoring  
Well #4 & 6 (20612 & 20614) - Active

0315145 Spring Lakes M.H.P.  
Compliance Monitoring (20616 & 20617)

0315168 Bourbon Square  
Well #3 (20678) - Active

0315848 Lake Run Apartments  
Compliance Monitoring  
Water Treatment Plant (no treatment)

Ethylbenzene  
Xylenes

.60  
1.40

Methylene Chloride

.50

Carbon Tetrachloride

.70

Methylene Chloride

1.20

PUBLIC WELL CONTAMINATION IN DEKALB COUNTY

Municipality and Well

0370200 Hinckley  
Compliance Monitoring  
Well #2 (11418) - Active

0370550 Sycamore  
Compliance Monitoring  
Well #3 (11441) - Active

0374850 Sandwich  
Well #1 (11430) - Active

Well #2 (11431) - Active

Compliance Monitoring  
Water Treatment Plant

Contaminants

Highest Level (ppb)

Trichloroethylene	12.0
Cis-1,2-Dichloroethylene	6.60
Tetrachloroethylene	35.0
Toluene	5.20
Methylene Chloride	1.10
Trichloroethylene	24.0
Trans-1,2-Dichloroethylene	1.0
Trichloroethylene	22.0
Trichloroethylene	9.30
Cis-1,2-Dichloroethylene	.60

PUBLIC WELL CONTAMINATION IN DEWITT COUNTY

Municipality and Well

0390050 Clinton  
Compliance Monitoring  
Water Treatment Plant

0390150 Farmer City  
Compliance Monitoring  
Well #6 (47645) - Active

Contaminants

Carbon Tetrachloride

Methylene Chloride

Highest Level (ppb)

3.0

.60

PUBLIC WELL CONTAMINATION IN DOUGLAS COUNTY

Municipality and Well

0415030 Douglas Water Company  
Compliance Monitoring  
Water Treatment Plant

Contaminants

Highest Level (ppb)

Carbon Tetrachloride  
Trichloroethylene

.60  
6.20

PUBLIC WELL CONTAMINATION IN DUPAGE COUNTY

Municipality and Well

Highest Level (ppb)

Contaminants

0430270 Darien  
Compliance Monitoring  
Well #1 (20689) - Active

Tetrachloroethylene 1.0

0430300 Downers Grove  
Well #6 (20707) - Active

Trichloroethylene 7.0  
Tetrachloroethylene 4.0  
1,1,1-Trichloroethane 2.0

Well #11 (20711) - Active

Trichloroethylene 2.0  
1,1,1-Trichloroethane 2.0  
Tetrachloroethylene 6.0

Compliance Monitoring  
Well #6 (20707) - Active

Trichloroethylene 10.0  
1,1,1-Trichloroethane 1.0  
Tetrachloroethylene 3.0

Well #10 (20711) - Active

Trichloroethylene 2.0  
1,1,1-Trichloroethane 2.0  
Tetrachloroethylene 6.0

Well #11 (20712) - Active

Trichloroethylene 2.70  
1,1,1-Trichloroethane .70  
Tetrachloroethylene .80  
Toluene 1.20

Well #12 (20713) - Active

Trichloroethylene .60  
1,1,1-Trichloroethane 1.0  
Tetrachloroethylene .80

Well #14 (20715) - Active

Trichloroethylene 1.40  
1,1,1-Trichloroethane 1.10  
Tetrachloroethylene 2.80

0430400 Glendale Heights  
Compliance Monitoring  
Well #10 (20786) - Active

Xylenes .90

0430500 Itasca  
Compliance Monitoring  
Well #5 (20757) - Active

Carbon Tetrachloride 3.60  
Trichloroethylene 1.10

0430551 Lisle  
Compliance Monitoring  
Well #2 (20729) - Inactive

Trichloroethylene .60

0430600 Lombard  
Compliance Monitoring  
Well #11 (20794) - Inactive

Carbon Tetrachloride .61

0430800 Villa Park  
Compliance Monitoring  
Well #1, 8, 7 & 10 (20679, 20684) Inactive  
(20683, 20685) Active

Methylene Chloride 3.30

0430833 Warrenville  
Compliance Monitoring  
Well #9 (00309) - Active

1,1,1-Trichloroethane 1.10

0431100 Willowbrook  
Compliance Monitoring  
Well #1 & 3 (20533 & 20535) - Active

Tetrachloroethylene .50

0434520 Hinsdale  
Compliance Monitoring  
Well #2, 4, 5, 7 & 9  
(20747, 20749, 20750, 00536, 00538) - Active

Cis-1,2-Dichloroethylene .50

0434670 Naperville  
Well #8 (21114) - Abandoned

Tetrachloroethylene 6.0  
Trichloroethylene 12.0

Well #15 (21119) - Active			
Well #21 (21125) - Active			
Compliance Monitoring			
Well #4 (21110) - Active	Tetrachloroethylene		13.0
	Trichloroethylene		13.5
Well #21 (21125) - Active	Tetrachloroethylene		2.0
Compliance Monitoring			
Well #4 (21110) - Active			
Well #21 (21125) - Active	Cis-1,2-Dichloroethylene		.60
Well #24 (00196) - Active	Tetrachloroethylene		1.80
Well #14 (21118) - Active	Tetrachloroethylene		8.50
Well #26 (00198) - Active	Xylenes		3.50
	Xylenes		3.40
0435180 Belmont-Highwood			
Compliance Monitoring			
Well #1 (20517) - Active	Trichloroethylene		5.60
	1,1,1-Trichloroethane		3.0
	Cis-1,2-Dichloroethylene		1.10
	Tetrachloroethylene		8.10
Well #2 (20518) - Active	Trichloroethylene		4.90
	1,1,1-Trichloroethane		5.10
	Cis-1,2-Dichloroethylene		1.10
	Tetrachloroethylene		11.0
	1,1-Dichloroethylene		.60
0435800 Maple Park IMPV ASSN			
Compliance Monitoring			
Well #1 & 2 (20472 & 20473) - Active	Trichloroethylene		5.80
	1,1,1-Trichloroethane		3.90
	Cis-1,2-Dichloroethylene		2.0
	Tetrachloroethylene		7.70



PUBLIC WELL CONTAMINATION IN EFFINGHAM COUNTY

Municipality and Well

0490150 Dieterich  
Compliance Monitoring  
Well #9 (00279) - Active

Contaminants

Ethylbenzene  
Xylenes

Highest Level (ppb)

3.0  
18.0

PUBLIC WELL CONTAMINATION IN FORD COUNTY

Municipality and Well

0530250 Paxton  
Compliance Monitoring  
Water Treatment Plant

Contaminants

Xylenes

Highest Level (ppb)

1.60

PUBLIC WELL CONTAMINATION IN HARDIN COUNTY

Municipality and Well

069500 Hardin County PWD  
Compliance Monitoring  
Water Treatment Plant - Active

Contaminants

Para(1,4)Dichlorobenzene  
Xylenes

Highest Level (ppb)

.70  
12.0

PUBLIC WELL CONTAMINATION IN HENRY COUNTY

Municipality and Well

	<u>Contaminants</u>	<u>Highest Level (ppb)</u>
0730100 Andover Compliance Monitoring Water Treatment Plant	Xylenes	.70
0730500 Geneseo Compliance Monitoring Well #25 (31728) - Active	Methylene Chloride	.80
Well #26 (31729) - Active	Methylene Chloride	1.0
0730650 Kewanee Compliance Monitoring Well #4 (31799) - Active	Methylene Chloride	.80

PUBLIC WELL CONTAMINATION IN KANE COUNTY

Municipality and Well

0890800 South Elgin  
Compliance Monitoring  
Well #3 (20096) - Active

Well #4 (20104) - Active

0894070 Aurora

Well #8 (21127) - Active

Compliance Monitoring

Well #8 (21127) - Active

0894690 Montgomery

Well #2 (20067) - Active

Compliance Monitoring  
Water Treatment Plant

0894830 St. Charles

Compliance Monitoring  
Well #8 (20104) - Active

Contaminants

Highest Level (ppb)

Carbon Tetrachloride 1.70

Tetrachloroethylene 1.70

Trichloroethylene 2.0

Trans-1,2-Dichloroethylene 3.0

Trichloroethylene 1.9

Cis-1,2-Dichloroethylene 1.5

Trichloroethylene 3.0

1,1,1-Trichloroethane 3.0

1,1-Dichloroethane 3.0

Trans-1,2-Dichloroethylene 5.0

Carbon Tetrachloride 1.0

Trichloroethylene 1.10

1,2-Dichloroethane .50

1,1,1-Trichloroethane .70

Cis-1,2-Dichloroethylene .60

Xylenes

1.20

PUBLIC WELL CONTAMINATION IN KANKAKEE COUNTY

Municipality and Well

0910450 Herscher  
Well #5 (22075) - Inactive

0910650 Momence  
Well #1 (22087) - Active

Well #2 (22088) - Inactive

Well #3 (22089) - Abandoned

Well #4 (22090) - Active

Compliance Monitoring  
Well #1 (22087) - Active

Well #4 (22090) - Active

Well #5 (00116) - Active

0915250 Hillside Manor  
Well #1 (22080) - Active

Contaminants

Highest Level (ppb)

Toluene	4.0
Xylenes	2.0
1,1-Dichloroethane	5.0
Benzene	29.0
Tetrachloride	2.0
1,1,1-Trichloroethane	2.0
1,1-Dichloroethane	3.0
1,1,1-Trichloroethane	1.0
Chlorobenzene	13.0
1,1-Dichloroethane	96.7
1,1-Dichloroethylene	7.1
1,1,1-Trichloroethane	2.0
Trichloroethylene	2.30
1,1,1-Trichloroethane	1.40
1,1,1-Trichloroethane	1.30
1,1,1-Trichloroethane	3.20
1,2-Dichloroethane	5.0
1,1-Dichloroethane	2.0
1,1,1-Trichloroethane	2.0

PUBLIC WELL CONTAMINATION IN KENDALL COUNTY

Municipality and Well

0930200 Plano

Well #4 (20128) - Active

Compliance Monitoring

Well #4 (20128) - Active

Well #5 (20129) - Active

Water Treatment Plant

Contaminants

1,1,1-Trichloroethane  
1,1-Dichloroethane  
Carbon Tetrachloride

1,1,1-Trichloroethane

1,1,1-Trichloroethane

1,1,1-Trichloroethane

Highest Level (ppb)

13.0  
1.0  
8.0

12.0

1.40

1.50

PUBLIC WELL CONTAMINATION IN KNOX COUNTY

Municipality and Well

0955200 Consumers I1 Water - Oakrun  
Compliance Monitoring  
Water Treatment Plant

Contaminants

Carbon Tetrachloride

Highest Level (ppb)

2.20



PUBLIC WELL CONTAMINATION IN LAKE COUNTY

Municipality and Well

- 0970050 Antioch  
Compliance Monitoring  
Well #4 (20312) - Active
- 0971150 Mundelein  
Compliance Monitoring  
Well #6A (21006) - Active
- Well #8 (21008) - Active
- 0971750 Vernon Hills  
Compliance Monitoring  
Well #3 (00325) - Active
- Well #1 (21037) - Abandoned
- 0977350 Wildwood  
Compliance Monitoring  
Well #7 (00261) - Inactive

Contaminants

	<u>Highest Level (ppb)</u>
Vinyl Chloride	6.7
Cis-1,2-Dichloroethylene	1.0
Toluene	.70
Ethylbenzene	1.60
Xylenes	13.0
Carbon Tetrachloride	2.60
Methylene Chloride	.90
Trichloroethylene	.76
1,1,1-Trichloroethane	.56

PUBLIC WELL CONTAMINATION IN LASALLE COUNTY

Municipality and Well

0990500 Marseilles  
Compliance Monitoring  
Well #4 (11483) - Active

Contaminants

Ethylbenzene  
Xylenes

Highest Level (ppb)

1.50  
4.60

PUBLIC WELL CONTAMINATION IN LIVINGSTON COUNTY

Municipality and Well

1050350 Fairbury  
Compliance Monitoring  
Water Treatment Plant

Contaminants

1,1,1-Trichloroethane

Highest Level (ppb)

4.60

PUBLIC WELL CONTAMINATION IN LOGAN COUNTY

Municipality and Well

1075030 Lincoln Water Corporation  
Compliance Monitoring  
Water Treatment Plant

Contaminants

Carbon Tetrachloride

Highest Level (ppb)

.70

PUBLIC WELL CONTAMINATION IN MCHENRY COUNTY

Municipality and Well

1110200 Fox River Grove  
Well #1 (20154) - Active

Well #2 (20155) - Active

Compliance Monitoring  
Water Treatment Plant

1110250 Harvard  
Well #5 (20201) - Inactive

Well #6 (20202) - Active

1110300 Hebron  
Well #3 (20186) - Inactive

Well #4 (20187) - Active

<u>Contaminants</u>	<u>Highest Level (ppb)</u>
1,1,1-Trichloroethane	2.0
Trichloroethylene	20.0
1,1-Dichloroethane	2.0
1,1,1-Trichloroethane	3.0
Trichloroethylene	19.0
Trans-1,2-Dichloroethylene	3.0
Cis-1,2-Dichloroethylene	4.0
1,1-Dichloroethane	2.0
Trichloroethylene	21.0
Vinyl Chloride	1.3
1,1,1-Trichloroethane	.7
Cis-1,2-Dichloroethylene	4.80
Trichloroethylene	23.0
1,2-Dichloroethane	10.0
Trans-1,2-Dichloroethylene	.6
Cis-1,2-Dichloroethylene	.5
Trichloroethylene	2.0
Tetrachloroethylene	1.0
1,1,1-Trichloroethane	7.0
1,1,1-Trichloroethane	143.0
1,1-Dichloroethylene	2.0

Compliance Monitoring  
Well #4 (20187) - Active

1,2-Dichloroethane	1.0
Trichloroethylene	1.10
1,1-Dichloroethylene	1.80
1,1,1-Trichloroethane	77.0

1110650 Marengo  
Well #6 (20193) - Active

Benzene	.70
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Compliance Monitoring  
Well #6 (20193) - Active

Benzene	4.20
Para(1,4)Dichlorobenzene	.70

1110900 Union  
Well #3 (20174) - Active

1,2-Dichloroethane	4.0
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1110950 Woodstock  
Well #1 (22149) - Abandoned

Trichloroethylene	1.0
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1115189 Valley HI NH  
Compliance Monitoring  
Water Treatment Plant

Xylenes	2.60
Toluene	.70

PUBLIC WELL CONTAMINATION IN MADISON COUNTY

<u>Municipality and Well</u>	<u>Contaminants</u>	<u>Highest Level (ppb)</u>
1190050 Alhambra Compliance Monitoring Water Treatment Plant	Carbon Tetrachloride	2.0
1190250 Edwardsville Well #8 (60065) - Active	Trichloroethylene	15.0
1190500 Hartford Well #2 (60104) - Inactive	1,2-Dichloroethane	1.0
	Trans-1,2-Dichloroethylene	1.0
Well #3 (60105) - Active	Chlorobenzene	4.0
	Trans-1,2-Dichloroethylene	1.0
Well #4 (60106) - Active	Chlorobenzene	27.0
	Dichlorobenzene	2.0
Compliance Monitoring Water Treatment Plant	1,2Dichloroethane	.90
	Para(1,4)Dichlorobenzene	1.70
	Chlorobenzene	7.80
	O(1,2)Dichlorobenzene	3.0

PUBLIC WELL CONTAMINATION IN MARSHALL COUNTY

Municipality and Well

1230050 Henry  
Well #3 (31301) - Active

Contaminants

1,1,1-Trichloroethane

Highest Level (ppb)

2.0



PUBLIC WELL CONTAMINATION IN MASON COUNTY

Municipality and Well

1250200 Havana  
Compliance Monitoring  
Water Treatment Plant

Contaminants

Tetrachloroethylene

Highest Level (ppb)

1.70

PUBLIC WELL CONTAMINATION IN MENARD COUNTY

Municipality and Well

1290150 Oakford  
Compliance Monitoring  
Well #2 (50209) - Active

Water Treatment Building

1290200 Petersburg  
Well #1 (50154) - Active

Well #4 (50156) - Active

Well #6 (50157) - Active

Contaminants

Highest Level (ppb)

Benzene	.60
Ethylbenzene	.60
Benzene	1.10
Ethylbenzene	1.80
Trans-1,2-Dichloroethylene	.50
1,1,1-Trichloroethane	1.0
Tetrachloroethylene	196.0
Trans-1,2-Dichloroethylene	3.0
Trichloroethylene	5.0
Cis-1,2-Dichloroethylene	5.0
Trans-1,2-Dichloroethylene	25.0
Trichloroethylene	3.0
Tetrachloroethylene	56.0
Trans-1,2-Dichloroethylene	30.0
Trichloroethylene	2.0
Tetrachloroethylene	41.0
1,1,1-Trichloroethane	1.0

PUBLIC WELL CONTAMINATION IN MERCER COUNTY

Municipality and Well

1310050 Aledo

Well #2 (31810) - Active

Compliance Monitoring

Well #2 (31810) - Active

Contaminants

Tetrachloroethylene

4.0

Carbon Tetrachloride

.90

Highest Level (ppb)

PUBLIC WELL CONTAMINATION IN MONTGOMERY COUNTY

Municipality and Well

1350450 Nokomis

Well #6 (52110) - Active

Compliance Monitoring  
Water Treatment Plant

Contaminants

Trichloroethylene  
Tetrachloroethylene  
1,1,1-Trichloroethane

Cis-1,2-Dichloroethylene  
Trichloroethylene  
Tetrachloroethylene  
Dichloromethane

Highest Level (ppb)

14.0  
21.0  
4.0

7.20  
2.50  
4.60  
.50

PUBLIC WELL CONTAMINATION IN OGLE COUNTY

Municipality and Well

1410100 Byron  
Well #1 (11777) - Active

Compliance Monitoring  
Well #3 (11778) - Active

Water Treatment Plant

1410250 Hillcrest  
Well #1 (11788) - Active

Compliance Monitoring  
Well #1 (11788) - Active

1410350 Mount Morris  
Compliance Monitoring  
Well #3 (11795) - Active

Well #2 (11794) - Active

Contaminants

Highest Level (ppb)

Trichloroethylene 11.0  
Ethylbenzene 2.0

Trichloroethylene 2.20

Trichloroethylene 4.20

1,1,1-Trichloroethane 1.0

Tetrachloroethylene 1.10  
1,1,1-Trichloroethane 10.0

Xylenes .70

Xylenes 2.40  
Toluene 1.10

PUBLIC WELL CONTAMINATION IN PEORIA COUNTY

Municipality and Well

	<u>Contaminants</u>	<u>Highest Level (ppb)</u>
1430750 Princeville Well #1 (50136) - Active	Trichloroethylene Tetrachloroethylene	15.0 7.0
1435030 I1 Am Water Company - Peoria Well #1 (52153) - Active	Tetrachloroethylene	2.0
Well #2 (53155) - Active	Tetrachloroethylene	2.0
Well #4 (52156) - Active	Tetrachloroethylene	3.0
Compliance Monitoring Well #1 (52153) - Active	Tetrachloroethylene	2.0
Sankoty Wells #7-10, 12, 14, & 15 (52144-52147, 52149, 52151, & 52152) - Active #11 & 13 (52148 & 52150) - Abandoned	1,1,1-Trichloroethane	1.0
1435750 Fox Creek Farm Compliance Monitoring Water Treatment Plant	Xylenes	2.50

PUBLIC WELL CONTAMINATION IN PIATT COUNTY

Municipality and Well

1470150 Cisco  
Compliance Monitoring  
Water Treatment Plant

Contaminants

Xylenes  
Ethylbenzene

Highest Level (ppb)

5.70  
.50

PUBLIC WELL CONTAMINATION IN PIKE COUNTY

Municipality and Well

1490800 Pleasant Hill  
Well #4 (50147) - Active

Contaminants

Atrazine  
Alachlor

Highest Level (ppb)

.17  
.08



PUBLIC WELL CONTAMINATION IN ROCK ISLAND COUNTY

Municipality and Well

1610400 Milan

Well 3 (31860) - Active

Compliance Monitoring

Well #4 (31861) - Active

Well #3 (31860) - Active

1614260 Coal Valley

Compliance Monitoring

Well #2 (31853) - Active

Contaminants

1,1,1-Trichloroethane  
Tetrachloroethylene

1.0  
11.0

Xylenes

2.80

Xylenes

.50

Carbon Tetrachloride  
Dichloromethane

1.30  
.60

Highest Level (ppb)

PUBLIC WELL CONTAMINATION IN SCHUYLER COUNTY

Municipality and Well

1690200 Rushville  
Compliance Monitoring  
Water Treatment Plant

Contaminants

Dichloromethane

Highest Level (ppb)

.50

PUBLIC WELL CONTAMINATION IN STEPHENSON COUNTY

Municipality and Well

1770200 Freeport  
Well #2 (11858) - Active

Well #3 (11859) - Inactive

Well #5 (11861) - Active

Well #6 (11862) - Active

Well #7 (11863) - Active

Compliance Monitoring  
Water Treatment Plant

Contaminants

Highest Level (ppb)

Trichloroethylene	.60
Vinyl Chloride	21.0
Benzene	1.0
Cis-1,2-Dichloroethylene	40.0
1,1-Dichloroethane	1.0
Benzene	5.2
1,1-Dichloroethane	2.0
Trans-1,2-Dichloroethylene	54.0
1,1-Dichloroethylene	41.8
Vinyl Chloride	13.0
Cis-1,2-Dichloroethylene	30.0
Chloroethane	1.6
Trans-1,2-Dichloroethylene	4.0
1,1-Dichloroethylene	3.0
1,1-Dichloroethane	1.0
1,1-Dichloroethylene	3.0
Trichloroethylene	2.0
Cis-1,2-Dichloroethylene	3.0
Trans-1,2-Dichloroethylene	3.0
1,1-Dichloroethylene	3.5
Cis-1,2-Dichloroethylene	2.72
Vinyl Chloride	1.0
Benzene	.52
Trichloroethylene	.55

PUBLIC WELL CONTAMINATION IN TAZEWELL COUNTY

<u>Municipality and Well</u>	<u>Contaminants</u>	<u>Highest Level (ppb)</u>
1790200 East Peoria Well #2-Allison Well (50359) - Abandoned	Trichloroethylene	1.0
Well #27 (50364) - Active	Tetrachloroethylene	3.0
Well #29 (50366) - Active	Tetrachloroethylene	34.0
Compliance Monitoring Well #1-Allison Well (50358)	Benzene Carbon Tetrachloride	.65 2.0
1790350 Mackinaw Well 34 (58053) - Active	Atrazine	.23
1790400 Marquette Heights Well #3 - Inactive	1,1-Dichloroethane	.60
1790550 North Pekin Well #2 (50211) - Active	Xylenes	3.0
1790650 South Pekin Well #4 (50098) - Active	Alachlor Atrazine Cyanazine Metolachlor	.54 .8 .38 1.20
Well #5 (50099) - Active	Atrazine Cyanazine Alachlor Metolachlor	1.2 .160 1.4 3.5

1795040 Pekin - Il Am Water Company  
Well #1 (50056) - Active

Tetrachloroethylene 5.0  
1,1,1-Trichloroethane 24.0

Well 33 (50058) - Active

Benzene 6.0  
Tetrachloroethylene 7.0  
1,1,1-Trichloroethane 4.0

Compliance Monitoring

Well #1 (50056) - Active

Tetrachloroethylene 3.0

Well #3 (50058) - Active

Tetrachloroethylene 3.0

Well #5 (50060) - Active

Tetrachloroethylene .5

Well #6 (50061) - Active

Tetrachloroethylene .5

1795345 Edgewood Trc MHP

Well #1 & 2 (50078 & 50079) - Active

Unknown Compound 4.0

1795495 Hiatts Hideaway

Compliance Monitoring  
Well #3 & 4 (50071 & 50072) - Inactive

Carbon Tetrachloride 1.80

PUBLIC WELL CONTAMINATION IN VERMILION COUNTY

Municipality and Well

1835245 Valley Run  
Compliance Monitoring  
Well #1 (45226) - Active  
Well #2 (45227) - Active

Contaminants

Trichloroethylene  
Trichloroethylene

Highest Level (ppb)

4.80  
5.50

PUBLIC WELL CONTAMINATION IN WARREN COUNTY

Municipality and Well

1870150 Monmouth  
Compliance Monitoring  
Well #6 (50241) - Active

Contaminants

Carbon Tetrachloride

Highest Level (ppb)

.60

PUBLIC WELL CONTAMINATION IN WHITESIDE COUNTY

Municipality and Well

1950350 Morrison  
Well #1 (11907) - Abandoned

Well #3 (11909) - Active

Well #4 (11910) - Active

1955040 Sterling-No. 11 Water Corporation  
Compliance Monitoring  
Well #6 & 7 (11927 & 11928) - Active

Contaminants

Trichloroethylene  
Trans-1,2-Dichloroethylene  
1,1,1-Trichloroethane  
Tetrachloroethylene

Trichloroethylene  
Trans-1,2-Dichloroethylene  
1,1,1-Trichloroethane

1,1,1-Trichloroethane  
1,2-Dichloroethane

Tetrachloroethylene

Highest Level (ppb)

990.0  
4.0  
3.0  
3.0

13.0  
4.0  
53.0

1.0  
3.0

.50



PUBLIC WELL CONTAMINATION IN WILL COUNTY

<u>Municipality and Well</u>	<u>Contaminants</u>	<u>Highest Level (ppb)</u>
<b>1970200 Channahon</b> Compliance Monitoring Well #1 (20357) - Active	Xylenes	2.40
<b>1970250 Crest Hill</b> Well #1 (20447) - Active	1,1,1-Trichloroethane	8.0
Well #6 (20450) - Active	Trans-1,2-Dichloroethylene 1,1,1-Trichloroethane	3.0 1.0
Compliance Monitoring Well #1 (20447) - Active	1,1,1-Trichloroethane	4.00
Well #6 (20450) - Active	Benzene	2.00
Well #7 (20451) - Active	Cis-1,2-Dichloroethylene	1.00
	1,1,1-Trichloroethane	2.00
	Xylenes	.50
	1,2,4-Trichlorobenzene	.70
<b>1970400 Frankfort</b> Compliance Monitoring Well #5 (20442) - Active	Xylenes	1.20
<b>1970450 Joliet</b> Compliance Monitoring Well #10D (22121) - Active	1,2-Dichloroethane	.70
Well #5D (22116) - Active	1,2-Dichloroethane Para-1,4-Dichlorobenzene	2.20 4.90

1970700 New Lenox  
Well #4 (20446) - Active

Trichloroethylene	105.0
Benzene	2.0
Trans-1,2-Dichloroethylene	33.0
1,2-Dichloroethane	4.0
1,1-Dichloroethylene	15.6

Compliance Monitoring  
Well #4 (20446) - Active

1,2-Dichloroethane	.80
Trichloroethylene	5.0
Cis-1,2-Dichloroethylene	3.0
1,1,1-Trichloroethane	1.0
Dichloromethane	1.0

1970750 Peotone  
Compliance Monitoring  
Well #3 (20435) - Active

Dichloromethane	.80
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1970900 Romeoville  
Compliance Monitoring  
Well #9 (00618) - Active

Xylenes	.60
Xylenes	.90
Xylenes	1.90

Well #5 (22128) - Active

Well #3 & 4 (22126 & 22127) Active & Inactive

1971100 Wilmington  
Compliance Monitoring  
Water Treatment Plant

Xylenes	1.80
---------	------

1974150 Bolingbrook  
Compliance Monitoring  
Well #2 (21140) - Active

Dichloromethane	4.10
-----------------	------

Well #3 (21143) - Active

Dichloromethane	1.40
-----------------	------

1975320 Metro Utl. Chickasaw Subdivision  
Compliance Monitoring  
Well #4 (20410) - Active

Tetrachloroethylene 2.30

1978100 Lockport TWP Water System  
Compliance Monitoring  
Well #1 (00187) - Active

1,1-Dichloroethylene .60

PUBLIC WELL CONTAMINATION IN WINNEBAGO COUNTY

<u>Municipality and Well</u>	<u>Contaminants</u>	<u>Highest Level (ppb)</u>
2010150 Loves Park Well #1 (11613) - Active	Trichloroethylene 1,1-Dichloroethane 1,1-Dichloroethane Trans-1,2-Dichloroethylene 1,2-Dichloroethane	3.6 4.0 11.7 36.0 1.0
Well #2 (11614) - Active	Tetrachloroethylene 1,1-Dichloroethylene Trichloroethylene 1,1-Dichloroethane Trans-1,2-Dichloroethylene Benzene	5.1 8.9 4.0 8.0 38.0 2.0
Compliance Monitoring Well #1 (11613) - Active	Trichloroethylene Trans-1,2-Dichloroethylene Cis-1,2-Dichloroethylene 1,1-Dichloroethylene 1,1,1-Trichloroethane	.90 4.40 3.0 .69 .90
Well #2 (11614) - Active	Cis-1,2-Dichloroethylene Trans-1,2-Dichloroethylene 1,1-Dichloroethylene Trichloroethylene 1,1,1-Trichloroethane	11.0 10.0 11.0 .34 11.0
Water Treatment Plant	Cis-1,2-Dichloroethylene	3.10
2010300 Rockford Well #2 (11622) - Active	Tetrachloroethylene Trichloroethylene 1,1,1-Trichloroethane	2.6 4.8 2.4

Well #6 (11625) - Active	Tetrachloroethylene	2.4
Well #4 (11627) - Active	Trichloroethylene	3.9
Well #6 (11630) - Active	1,1,1-Trichloroethane	9.0
	1,1-Dichloroethylene	2.0
Well #7A (11632) - Inactive	Tetrachloroethylene	3.4
	Trichloroethylene	2.4
Well #8 (11633) - Inactive	Tetrachloroethylene	385.0
	1,1,1-Trichloroethane	110.0
	1,1-Dichloroethylene	2.0
	1,1-Dichloroethane	1.0
Well #11 (11638) - Active	1,1,1-Trichloroethane	5.0
Well #15 (11642) - Active	Tetrachloroethylene	2.3
	Trichloroethylene	3.6
	1,1,1-Trichloroethane	2.0
Well #19 (11647) - Inactive	Trichloroethylene	20.8
Well #23 (11651) - Active	1,1,1-Trichloroethane	16.0
	Trichloroethylene	.60
	Alachlor	.022
	1,1-Dichloroethylene	5.3
Well #24 (11652) - Active	Trans-1,2-Dichloroethylene	4.2
Well #33 (11661) - Inactive	1,1-Dichloroethylene	8.5
Compliance Monitoring		
Well #4 (11627) - Active	Trichloroethylene	4.70
	Carbon Tetrachloride	1.50
	1,1-Dichloroethylene	.80
	Cis-1,2-Dichloroethylene	.70

2015439	Goldie Floberg				
	Well #1 (11139) - Active	1,1,1-Trichloroethane		1.0	
		1,2-Dichloroethane		8.0	
	Well #2 (11140) - Active	1,1-Dichloroethane		6.0	
	Compliance Monitoring				
	Well #1 (11139) - Active	1,2-Dichloroethane		1.90	
		1,1-Dichloroethylene		2.30	
	Well #2 (11140) - Active	1,1-Dichloroethylene		1.60	
2015495	Gem Suburban				
	Well #3 (11137) - Abandoned	Trichloroethylene		48.0	
	Well #4 (11138) - Abandoned	Trichloroethylene		24.0	
	Well #2 (11136) - Active	Trichloroethylene		25.0	
2015500	North Park PMD				
	Compliance Monitoring				
	Well #5 (11694) - Active	1,1,1-Trichloroethane		.50	
2015545	Mancuso Village Park				
	Well #1 (11687) - Active	1,1,1-Trichloroethane		7.0	
		1,1-Dichloroethylene		1.0	
	Well #2 (11688) - Active	1,1,1-Trichloroethane		8.0	
	Compliance Monitoring				
	Well #1 (11687) - Active	1,1-Dichloroethylene		.60	
		1,1,1-Trichloroethane		2.90	
		Cis-1,2-Dichloroethylene		.80	
		Tetrachloroethylene		.60	

Well #2 (11688) - Active

1,1-Dichloroethylene	.50
1,1,1-Trichloroethane	4.90
Tetrachloroethylene	.60
Methylene Chloride	.70
1,1,2-Trichloroethane	2.90

2015685 Six Oaks

Well #1 (11151) - Active

1,1,1-Trichloroethane	79.0
1,1-Dichloroethylene	8.0
1,1-Dichloroethane	11.0
Trichloroethylene	176.0
Tetrachloroethylene	20.0
Trans-1,2-Dichloroethylene	160.0

SA:drk:sp0192P/1-58

Well #6 (11630) - Active	1,1,1-Trichloroethane	7.50
	Para-1,4-Dichlorobenzene	4.00
	1,1-Dichloroethylene	1.70
	Tetrachloroethylene	.60
Well #11 (11638) - Active	Trichloroethylene	.70
	1,1,1-Trichloroethane	6.10
	Tetrachloroethylene	1.30
Well #12 (11639) - Active	Trichloroethylene	4.80
	Carbon Tetrachloride	1.0
Well #23 (11651) - Active	Trichloroethylene	3.0
	1,1-Dichloroethylene	7.40
	1,1,1-Trichloroethane	18.0
	Carbon Tetrachloride	2.10
Well #24 (11652) - Active	Trichloroethylene	1.30
	Cis-1,2-Dichloroethylene	16.0
Well #28 (11656) - Active	1,1,1-Trichloroethane	1.0
	Trichloroethylene	4.80
	Cis-1,2-Dichloroethylene	3.00
	1,1-Dichloroethylene	.50
	Tetrachloroethylene	5.20
Well #35 (11662) - Active	Trichloroethylene	2.90
	Cis-1,2-Dichloroethylene	1.90
	Tetrachloroethylene	3.20
Main Pump	Trichloroethylene	3.0
	1,1,1-Trichloroethane	.70
	Tetrachloroethylene	2.80
2010450 South Beloit Compliance Monitoring Well #3 (11667) - Active	Trichloroethylene	.50
	1,1,1-Trichloroethane	2.40



2015235 Barretts MHP  
Well #1 (11123) - Active

Trichloroethylene	6.0
1,1,1-Trichloroethane	19.0
1,1-Dichloroethylene	4.0
1,1-Dichloroethane	9.0
Trans-1,2-Dichloroethylene	9.0
1,2-Dichloroethane	1.0

Well #2 (11124) - Active

Trichloroethylene	6.0
Trans-1,2-Dichloroethylene	5.0
1,1,1-Trichloroethane	17.0
1,1-Dichloroethylene	3.0
1,1-Dichloroethane	9.0
1,2-Dichloroethane	1.0

Compliance Monitoring  
Well #1 & 2 (11123 & 11124) - Active

Trichloroethylene	7.70
1,2-Dichloromethane	.80
1,1-Dichloroethylene	11.0
1,1,1-Trichloroethane	25.0
Tetrachloroethylene	1.20
Cis-1,2-Dichloroethylene	19.0

2015345 Bil Mar Heights MHD  
Well #2 (11127) - Inactive

1,1,1-Trichloroethane	1.0
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Well #3 (11128) - Active

1,1,1-Trichloroethane	2.0
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Compliance Monitoring  
Well #2 (11127) - Inactive

Trichloroethylene	6.0
1,1,1-Trichloroethane	1.4

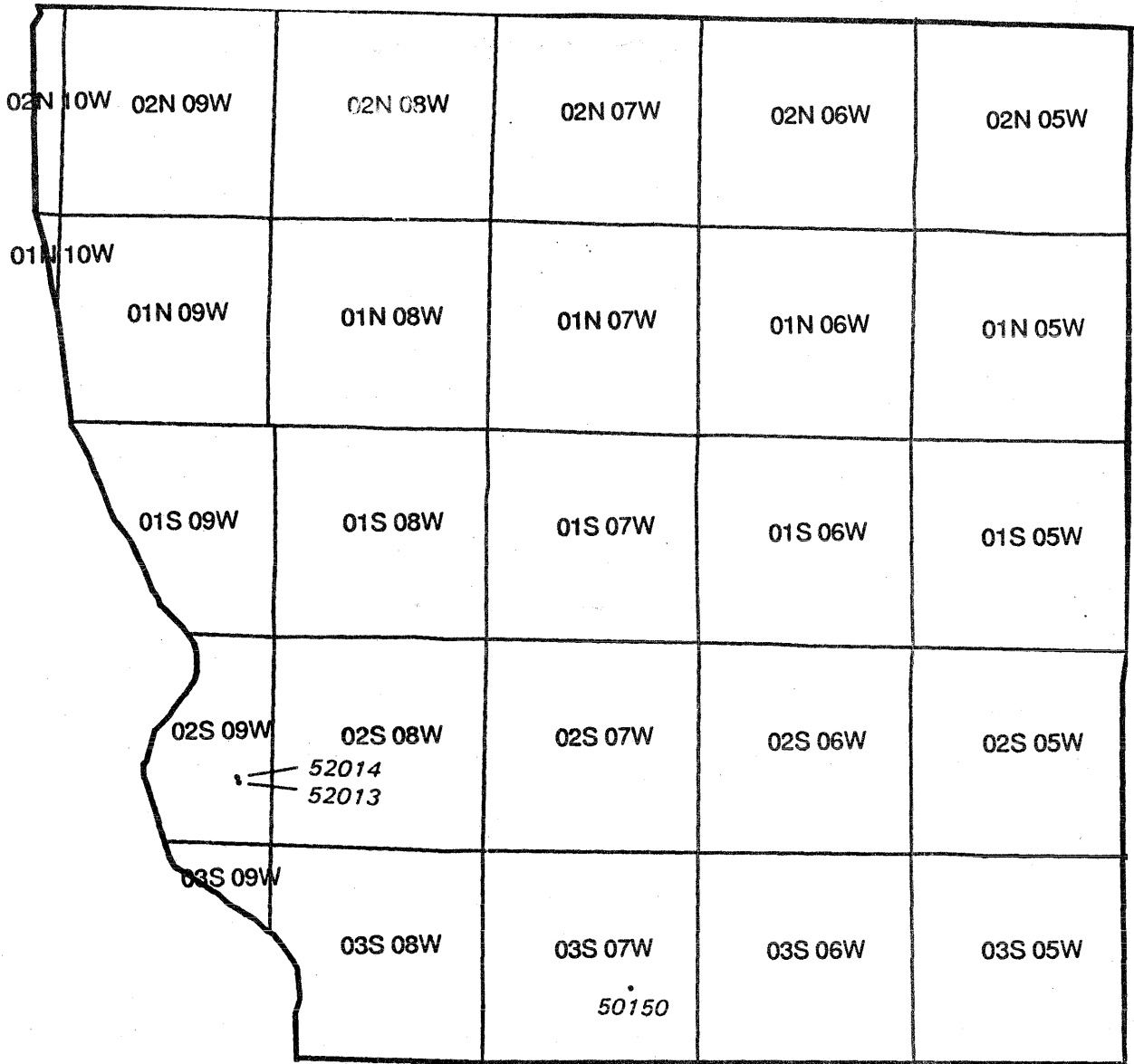
Well #3 (11128) - Active

Trichloroethylene	3.0
1,1,1-Trichloroethane	1.3

APPENDIX F



# ADAMS COUNTY



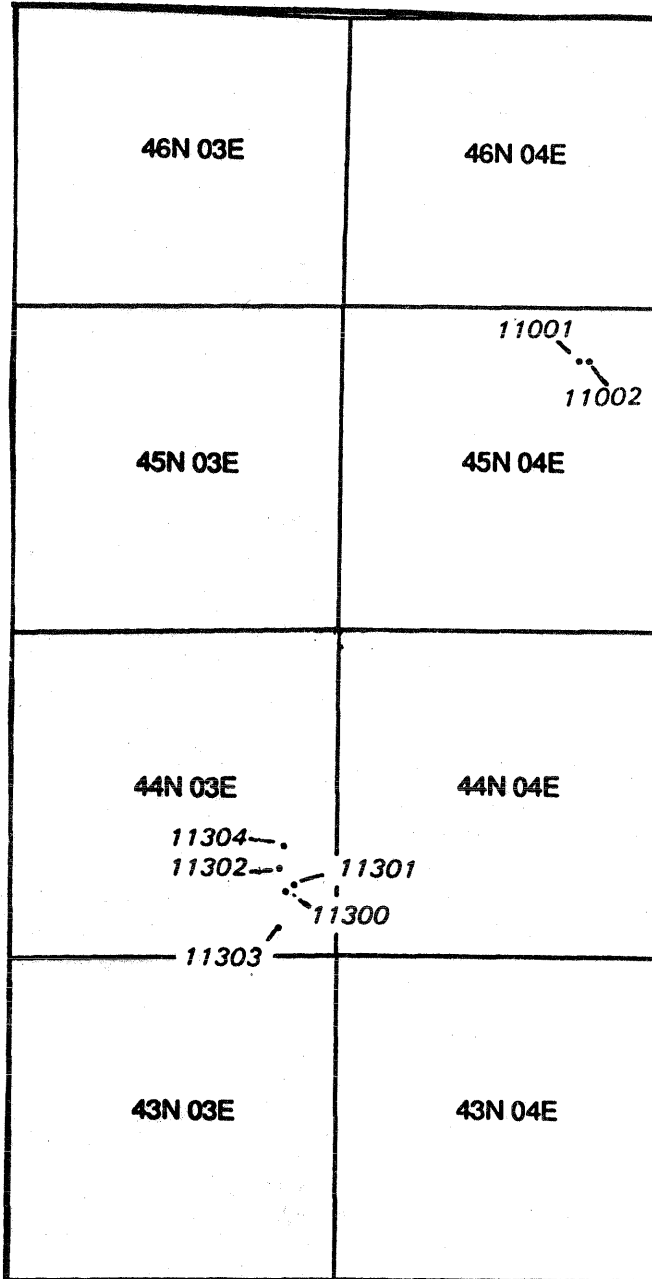
LOCATION OF COMMUNITY WATER SUPPLY WELL(S)  
WITH ORGANIC CHEMICAL CONTAMINATION

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ILLINOIS ENVIRONMENTAL PROTECTION AGENCY  
GROUNDWATER SECTION

PAGE

**BOONE COUNTY**



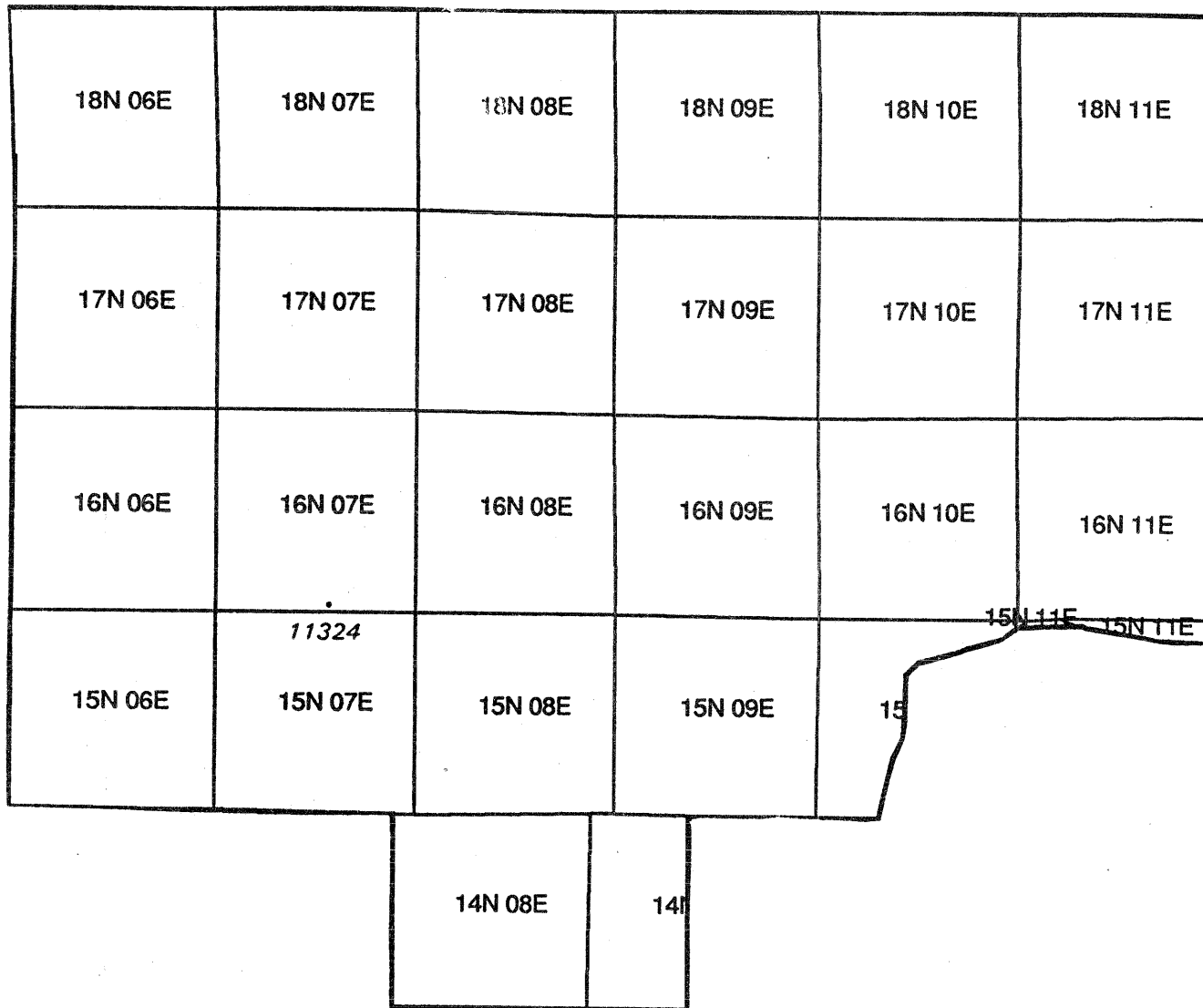
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WITH ORGANIC CHEMICAL CONTAMINATION**

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**ILLINOIS ENVIRONMENTAL PROTECTION AGENCY  
GROUNDWATER SECTION**

**PAGE**

# BUREAU COUNTY



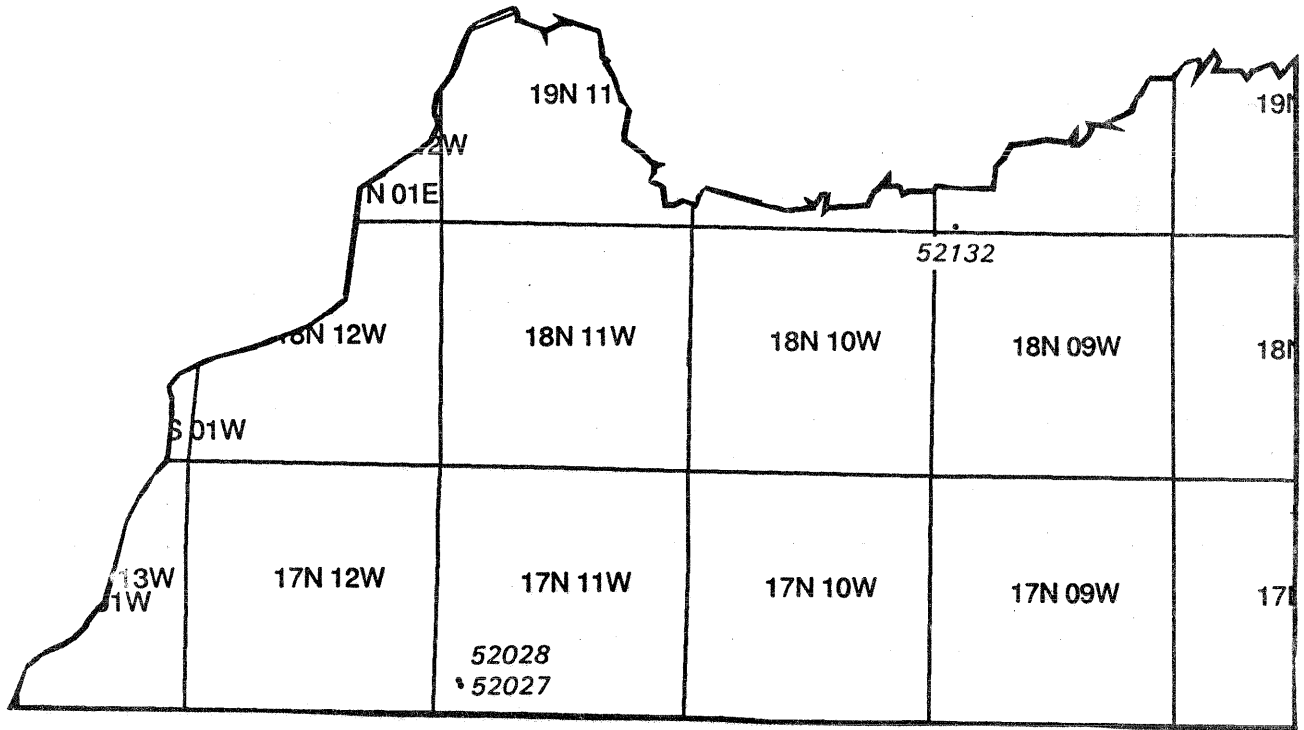
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ILLINOIS ENVIRONMENTAL PROTECTION AGENCY  
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# CASS COUNTY



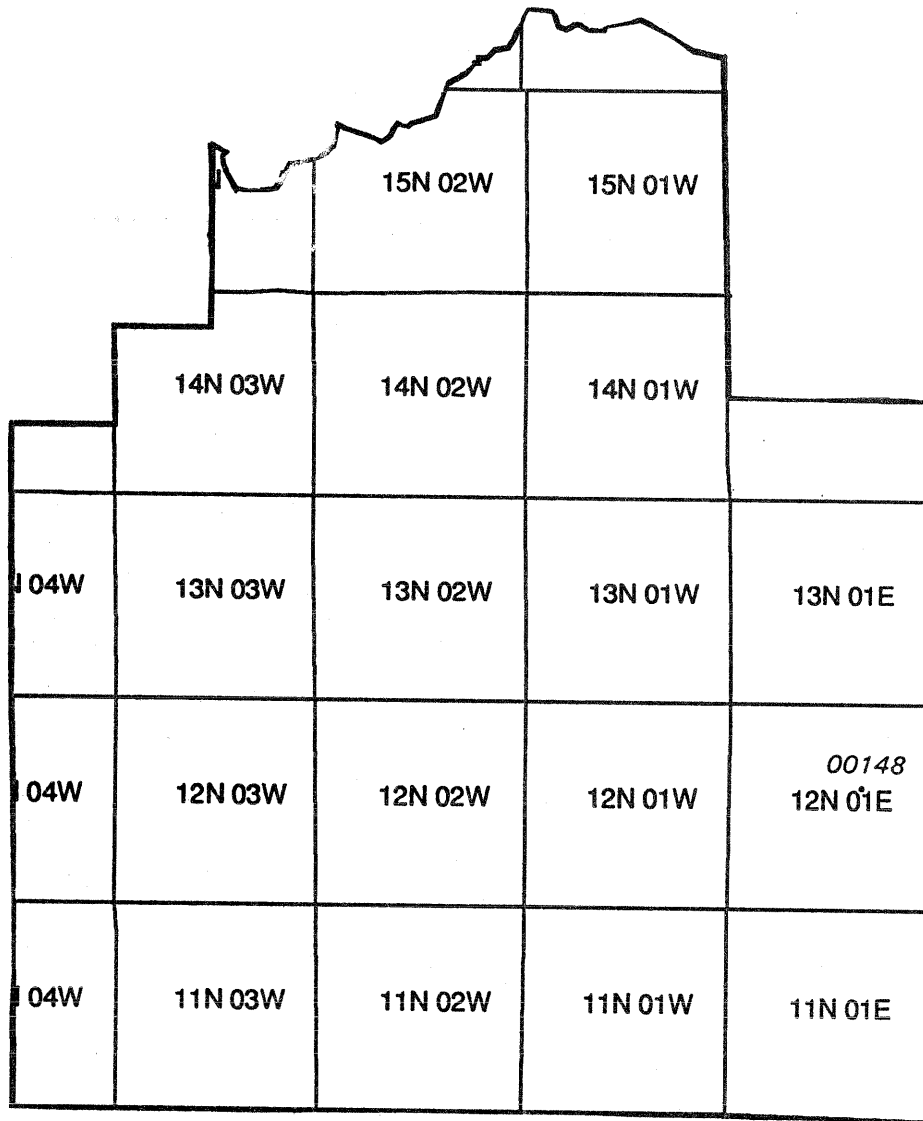
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WITH ORGANIC CHEMICAL CONTAMINATION

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ILLINOIS ENVIRONMENTAL PROTECTION AGENCY  
GROUNDWATER SECTION

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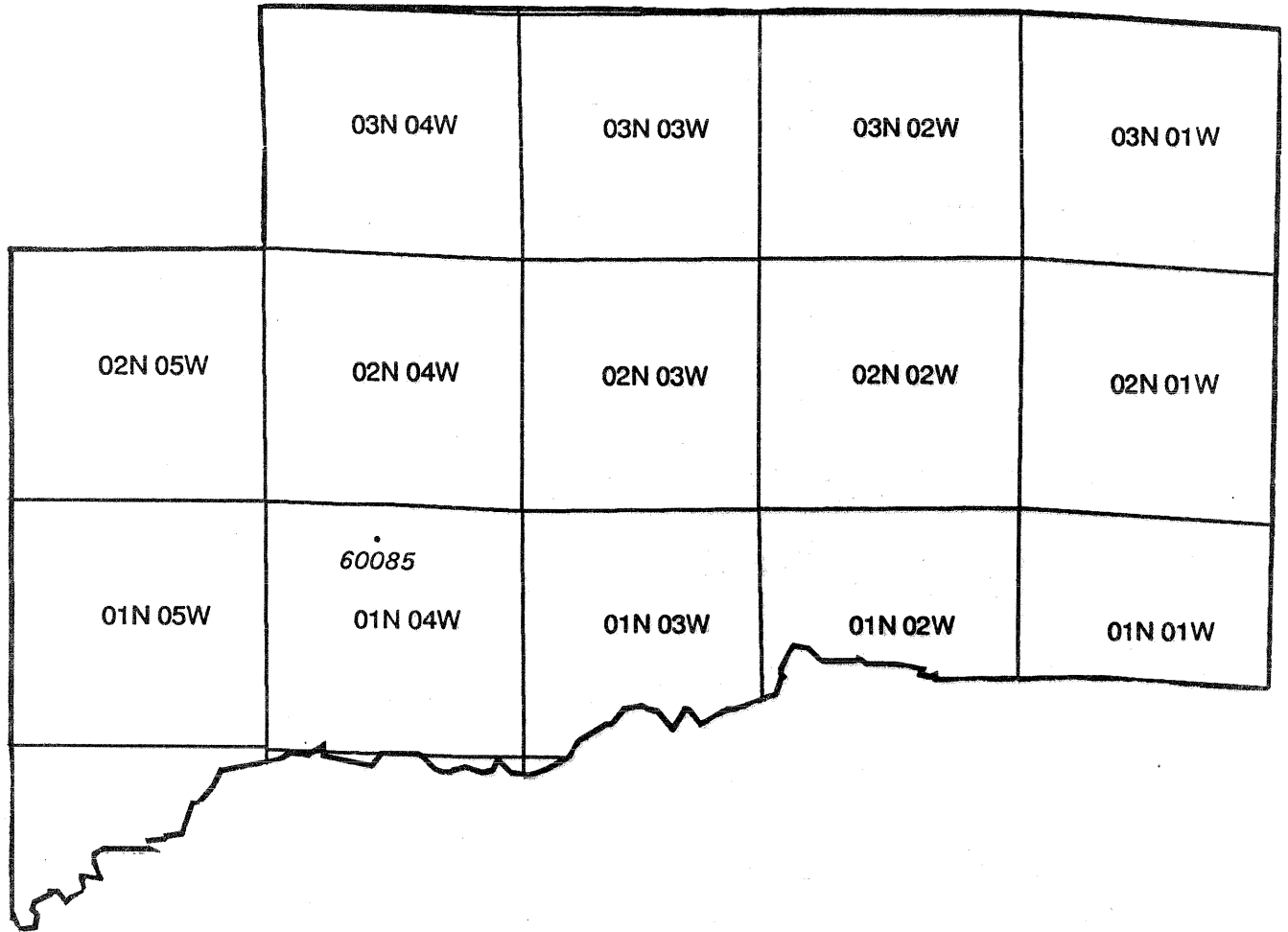
# CHRISTIAN COUNTY



LOCATION OF COMMUNITY WATER SUPPLY WELL(S) WITH ORGANIC CHEMICAL CONTAMINATION	SCALE APPROX. 1:356200
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY GROUNDWATER SECTION	PAGE



# CLINTON COUNTY



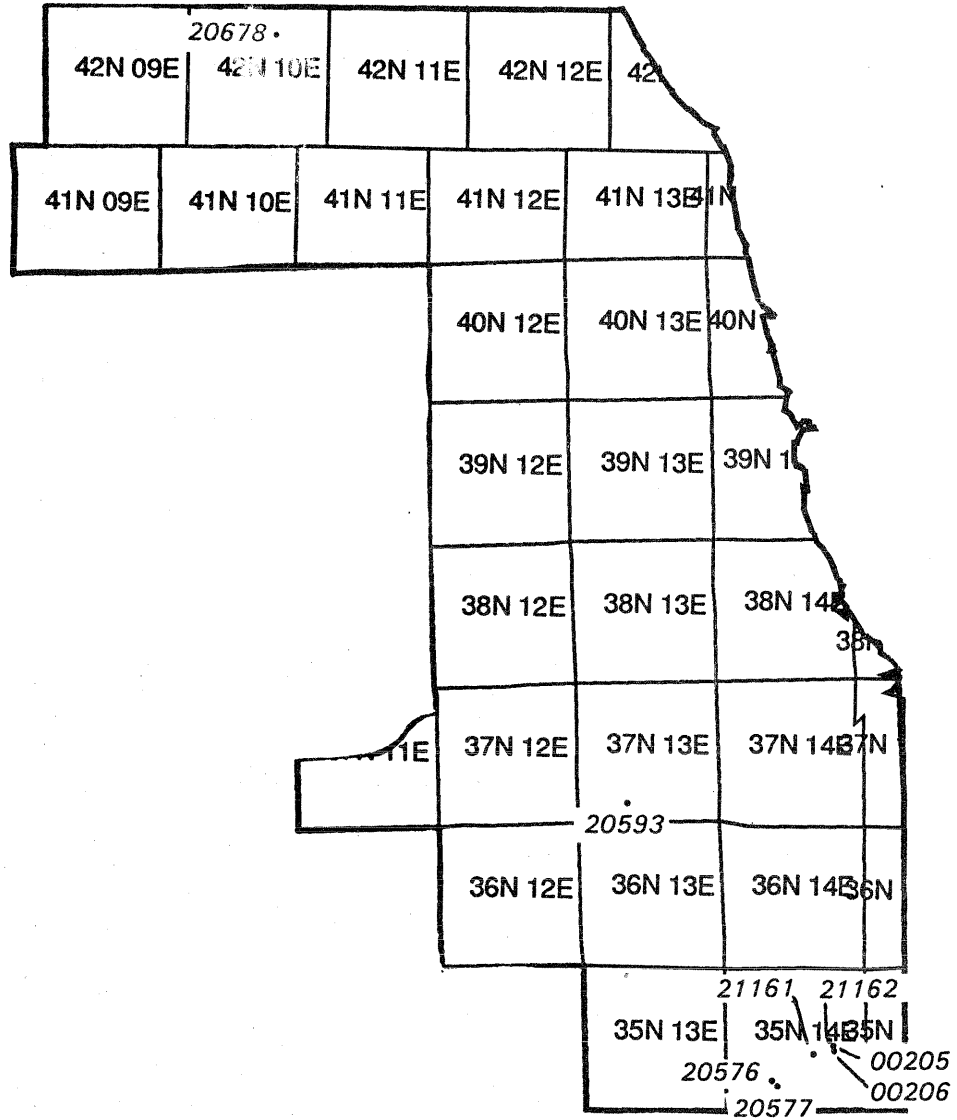
LOCATION OF COMMUNITY WATER SUPPLY WELL(S)  
WITH ORGANIC CHEMICAL CONTAMINATION

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ILLINOIS ENVIRONMENTAL PROTECTION AGENCY  
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# COOK COUNTY



LOCATION OF COMMUNITY WATER SUPPLY WELL(S)  
WITH ORGANIC CHEMICAL CONTAMINATION

SCALE APPROX.  
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# DEKALB COUNTY

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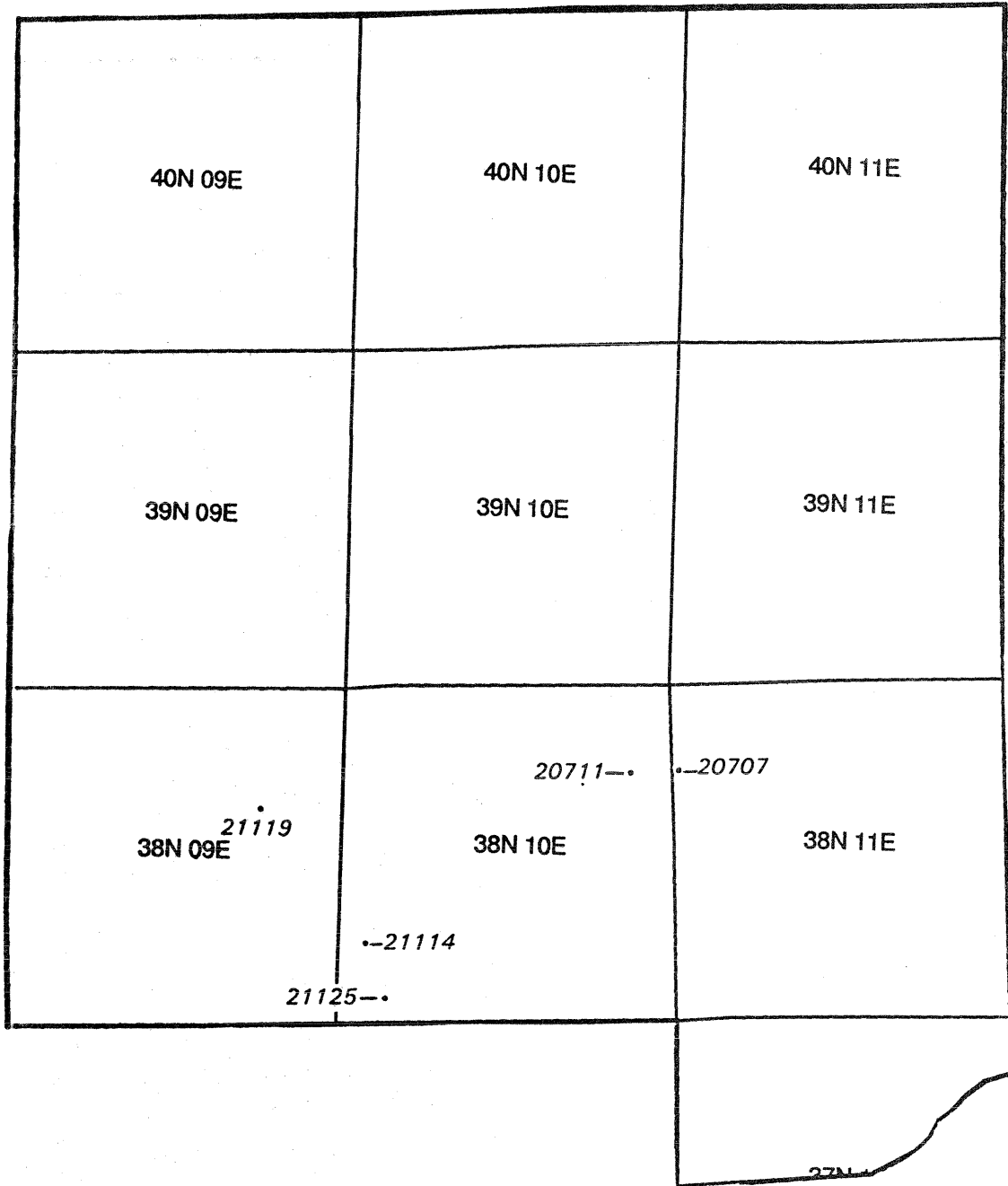
LOCATION OF COMMUNITY WATER SUPPLY WELL(S)  
WITH ORGANIC CHEMICAL CONTAMINATION

SCALE APPROX.  
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ILLINOIS ENVIRONMENTAL PROTECTION AGENCY  
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# DUPAGE COUNTY



LOCATION OF COMMUNITY WATER SUPPLY WELL(S)  
WITH ORGANIC CHEMICAL CONTAMINATION

SCALE APPROX.  
1:195000

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# KANE COUNTY

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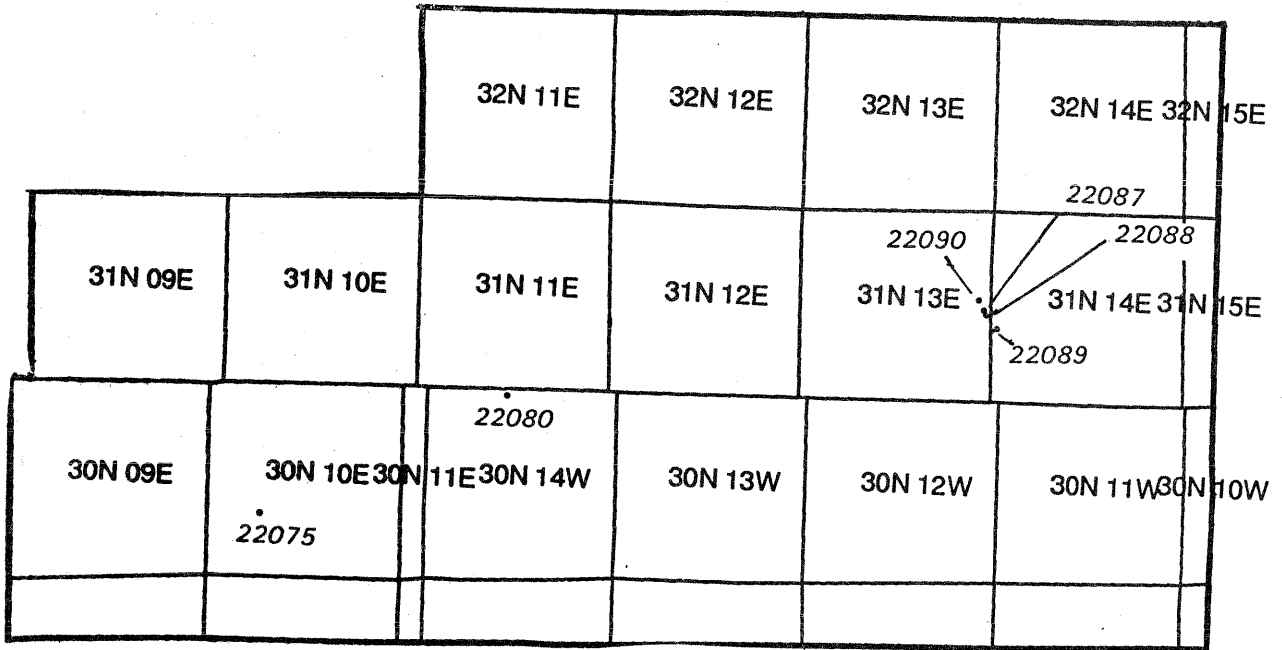
LOCATION OF COMMUNITY WATER SUPPLY WELL(S)  
WITH ORGANIC CHEMICAL CONTAMINATION

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ILLINOIS ENVIRONMENTAL PROTECTION AGENCY  
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# KANKAKEE COUNTY



LOCATION OF COMMUNITY WATER SUPPLY WELL(S) WITH ORGANIC CHEMICAL CONTAMINATION	SCALE APPROX. 1:383000
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# KENDALL COUNTY

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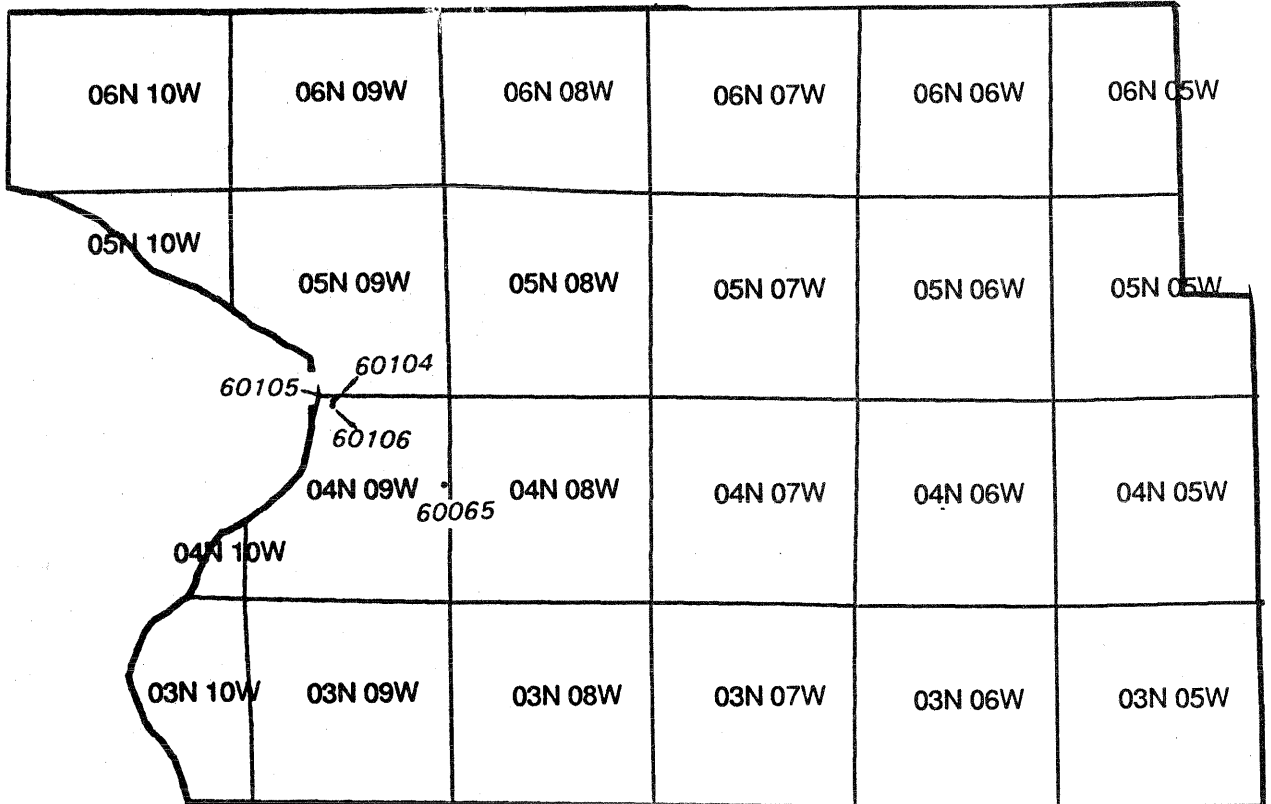
LOCATION OF COMMUNITY WATER SUPPLY WELL(S)  
WITH ORGANIC CHEMICAL CONTAMINATION

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ILLINOIS ENVIRONMENTAL PROTECTION AGENCY  
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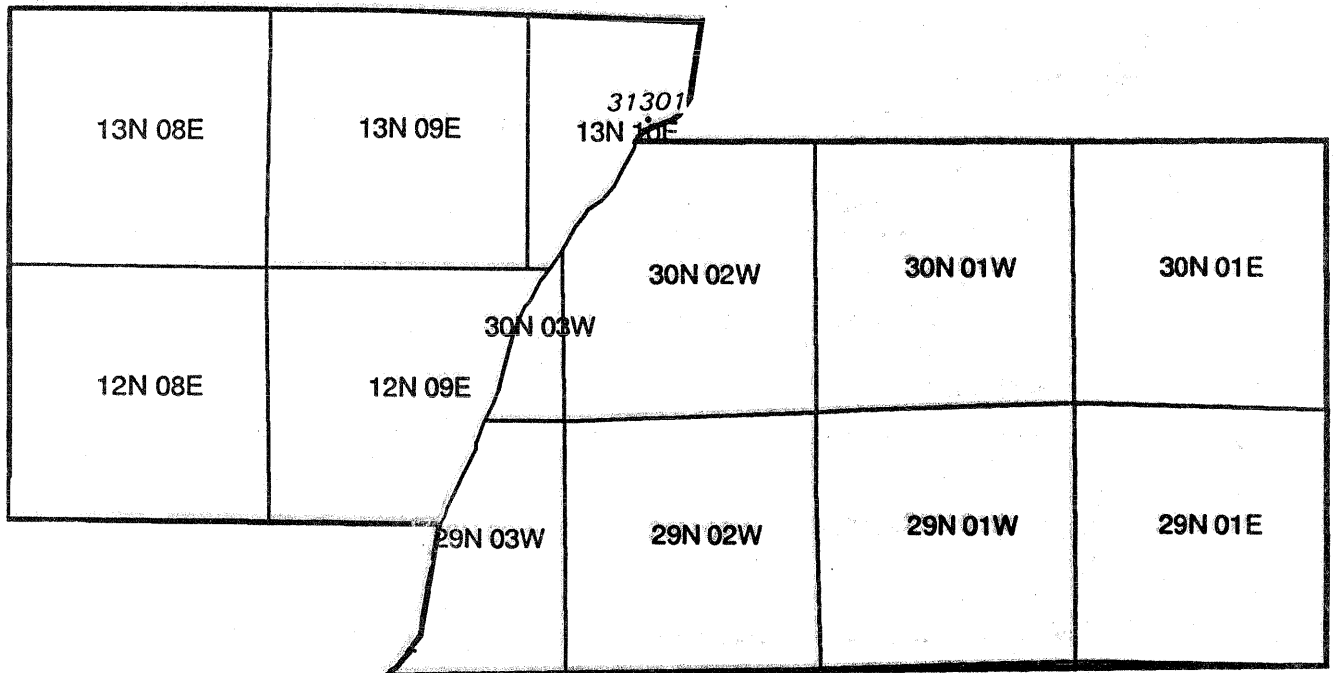
# MADISON COUNTY



LOCATION OF COMMUNITY WATER SUPPLY WELL(S) WITH ORGANIC CHEMICAL CONTAMINATION	SCALE APPROX. 1:356200
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY GROUNDWATER SECTION	PAGE



# MARSHALL COUNTY



LOCATION OF COMMUNITY WATER SUPPLY WELL(S)  
WITH ORGANIC CHEMICAL CONTAMINATION

SCALE APPROX.  
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ILLINOIS ENVIRONMENTAL PROTECTION AGENCY  
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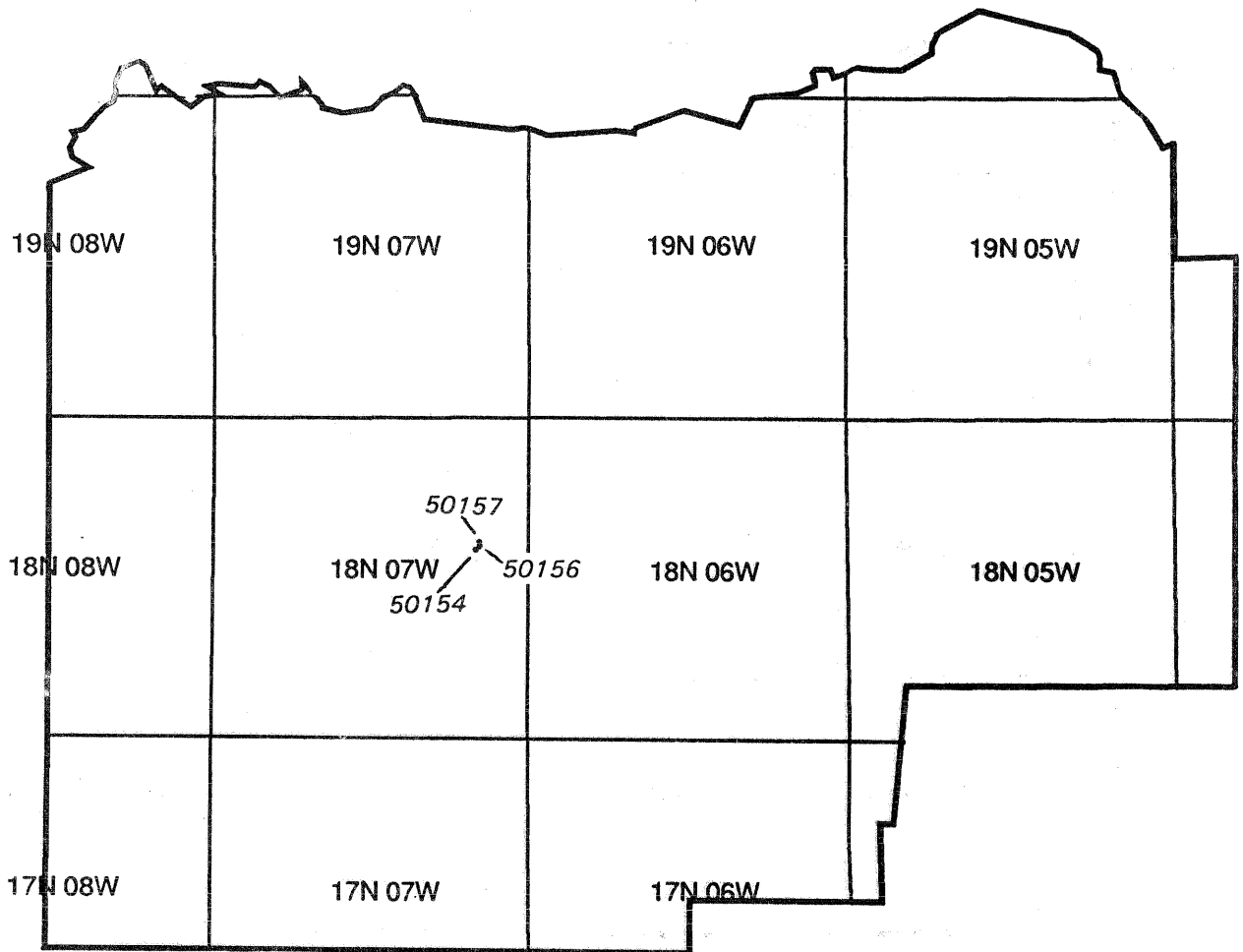
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LOCATION OF COMMUNITY WATER SUPPLY WELL(S) WITH ORGANIC CHEMICAL CONTAMINATION	SCALE APPROX. 1:282200
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY GROUNDWATER SECTION	PAGE

**MENARD COUNTY**



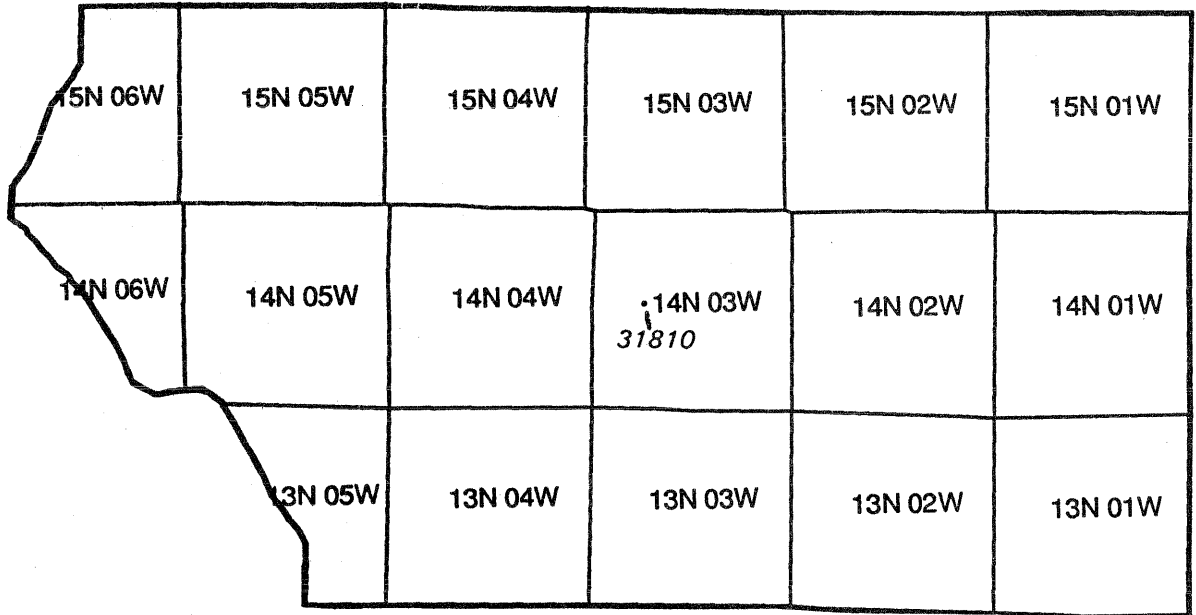
**LOCATION OF COMMUNITY WATER SUPPLY WELL(S)  
WITH ORGANIC CHEMICAL CONTAMINATION**

**SCALE APPROX.  
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**ILLINOIS ENVIRONMENTAL PROTECTION AGENCY  
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# MERCER COUNTY



LOCATION OF COMMUNITY WATER SUPPLY WELL(S)  
WITH ORGANIC CHEMICAL CONTAMINATION

SCALE APPROX.  
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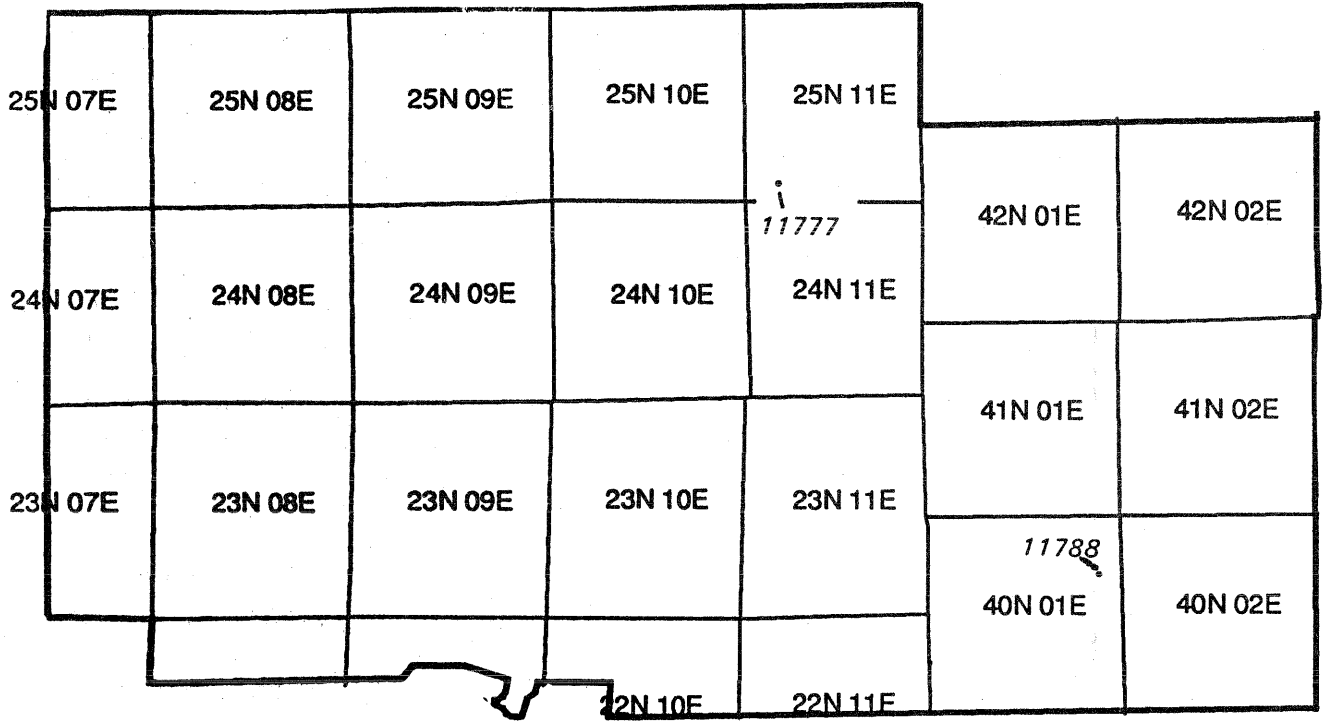
**MONTGOMERY COUNTY**

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LOCATION OF COMMUNITY WATER SUPPLY WELL(S) WITH ORGANIC CHEMICAL CONTAMINATION	SCALE APPROX. 1:308500
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY GROUNDWATER SECTION	PAGE

# OGLE COUNTY



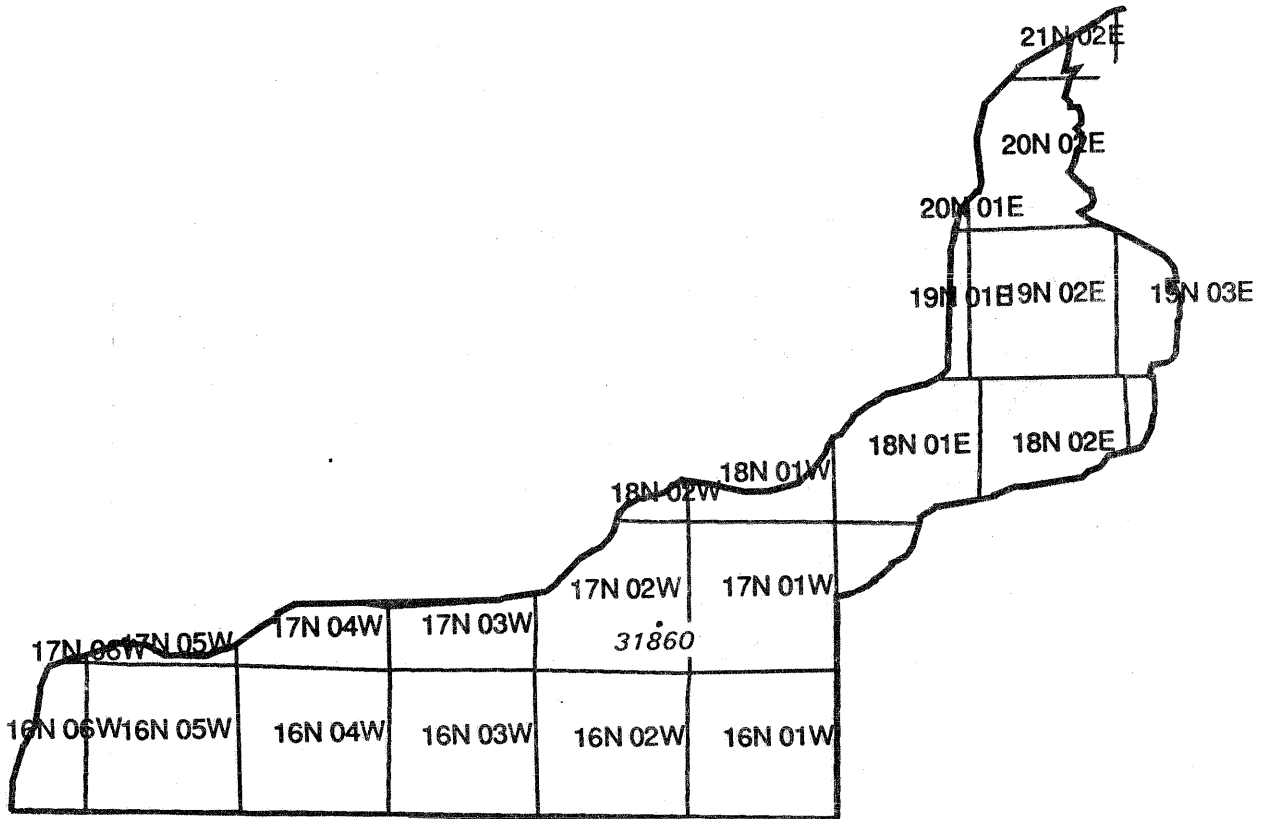
LOCATION OF COMMUNITY WATER SUPPLY WELL(S)  
WITH ORGANIC CHEMICAL CONTAMINATION

SCALE APPROX.  
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ILLINOIS ENVIRONMENTAL PROTECTION AGENCY  
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# ROCK ISLAND COUNTY



LOCATION OF COMMUNITY WATER SUPPLY WELL(S)  
WITH ORGANIC CHEMICAL CONTAMINATION

SCALE APPROX.  
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# STEPHENSON COUNTY

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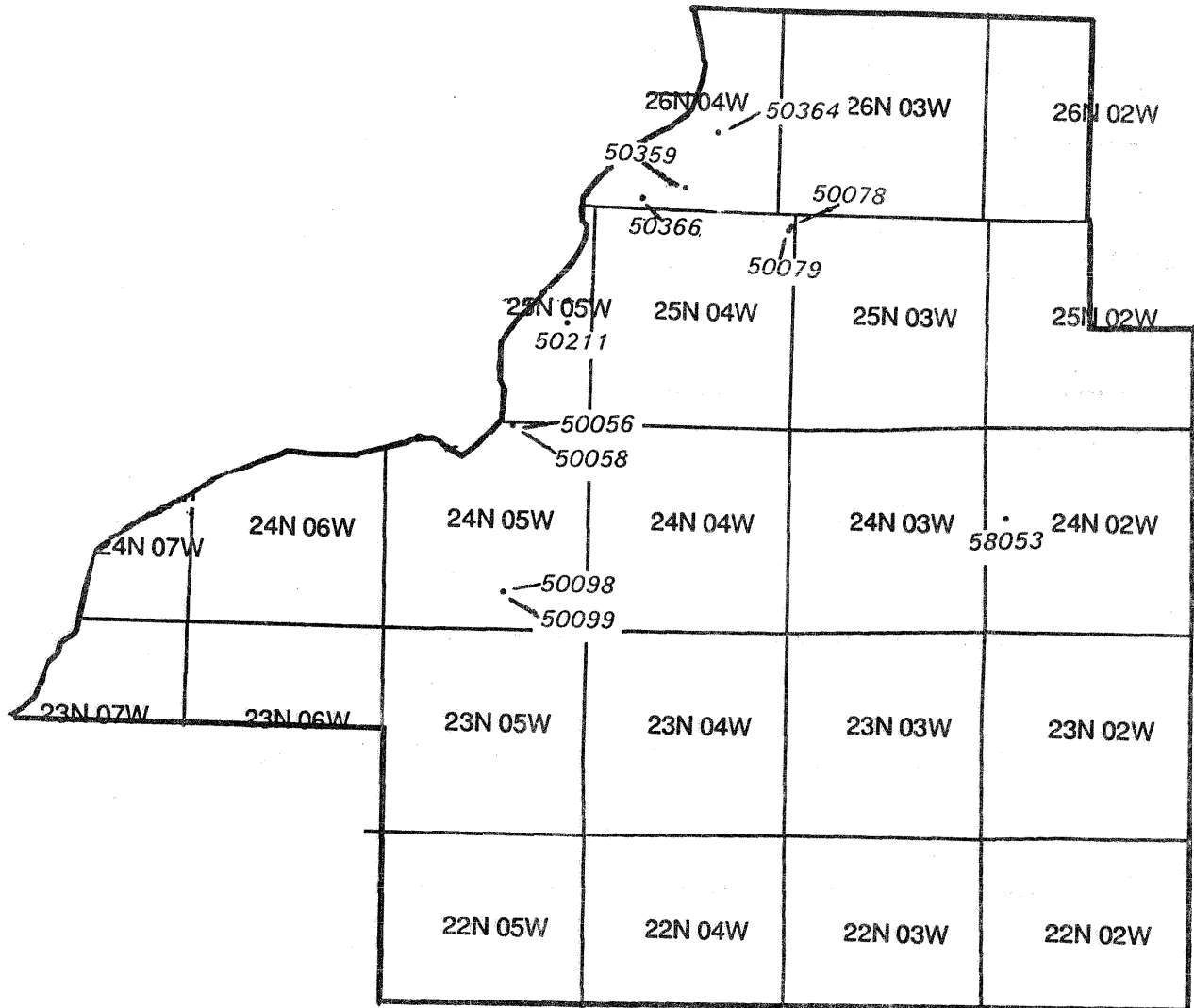
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<b>ILLINOIS ENVIRONMENTAL PROTECTION AGENCY GROUNDWATER SECTION</b>	<b>PAGE</b>



# TAZEWELL COUNTY



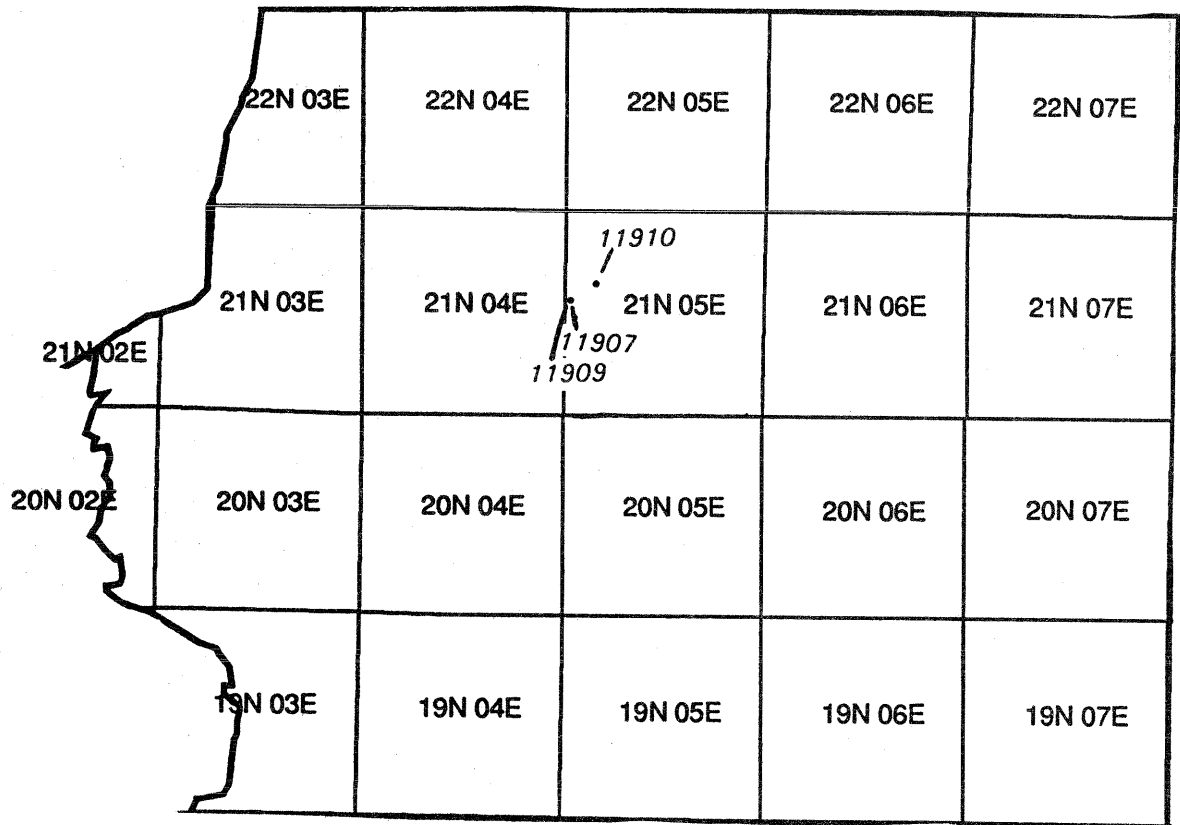
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ILLINOIS ENVIRONMENTAL PROTECTION AGENCY  
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# WHITESIDE COUNTY



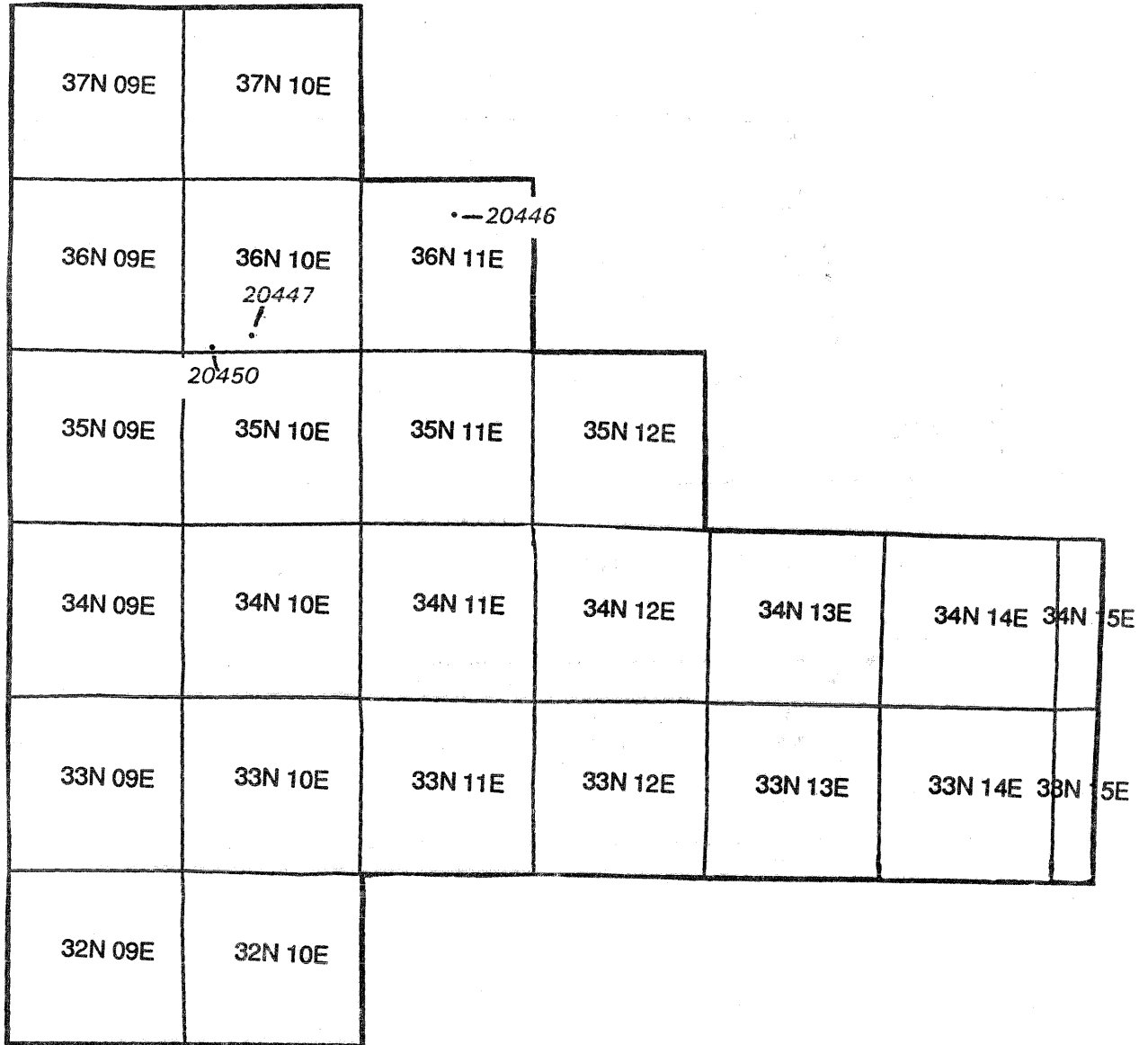
LOCATION OF COMMUNITY WATER SUPPLY WELL(S)  
WITH ORGANIC CHEMICAL CONTAMINATION

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ILLINOIS ENVIRONMENTAL PROTECTION AGENCY  
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# WILL COUNTY



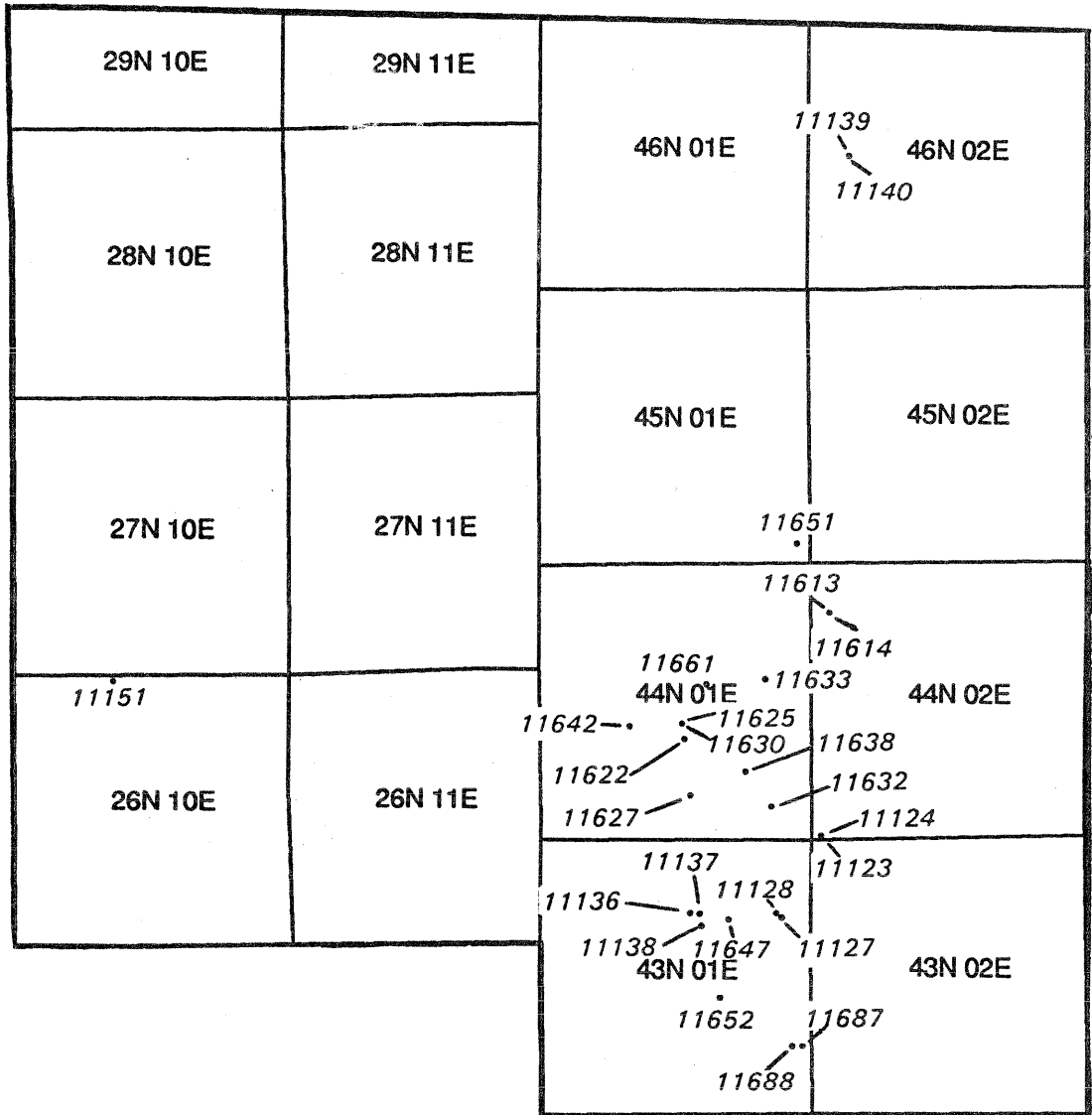
LOCATION OF COMMUNITY WATER SUPPLY WELL(S)  
WITH ORGANIC CHEMICAL CONTAMINATION

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ILLINOIS ENVIRONMENTAL PROTECTION AGENCY  
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# WINNEBAGO COUNTY



LOCATION OF COMMUNITY WATER SUPPLY WELL(S)  
WITH ORGANIC CHEMICAL CONTAMINATION

SCALE APPROX.  
1:262100

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