Du/Ka

Illinois
Environmental
Protection Agency

Public Water Supplies
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February 1994

Illinois Groundwater Protection Program:

Volume III: Biennial Technical Appendices Report

Prepared by the

Interagency Coordinating Committee

on Groundwater

February 1994

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Submitted to the Governor
and Illinois General Assembly

ILLINOIS GROUNDWATER PROTECTION PROGRAM

VOLUME III: TECHNICAL APPENDICES

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APPENDIX A

INORGANIC CONSTITUENT SUMMARY FOR COMMUNITY WATER SUPPLY WELLS

PARAMETER		CRITERIA GU	PFP	MCL	GWSI	GWSII	# OF SAMPLE	# OF DETECTS	MEAN	MIN	MAX	95%	75%	MEDIAN	25%	5%	UNITS
							NUMBER ABOVE ESTABLISHED CRITERIA										
Total Dissolved Solids	(TDS)	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	(Sel)	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	<3.0	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:

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* - 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

AD:jmm/sp/276P/4

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 95%	75%	50%	UNITS
1,1-Dichloroethylene	34501	7	35	59	4602	4.64	7.09	1.0	41.8	15.6	4.1	2.0	Ug/L
1,1-Dichloroethane	34496	---	---	110	4686	4.83	10.70	.8	96.7	9.0	5.0	3.0	Ug/L
cis 1,2-Dichloroethylene	77093	70	200	10	638	64.96	146.85	.6	500.0	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	2.0	Ug/L
1,1,1-Trichloroethane	34506	200	1000	157	4685	10.37	23.18	1.0	143.0	45.0	8.0	2.3	Ug/L
Bromodichloromethane	32102	---	---	91	4685	4.94	5.58	1.0	26.0	18.0	5.0	3.0	Ug/L
Trichloroethylene	39180	5	25	229	4686	26.32	104.80	.6	990.0	101.0	14.0	5.0	Ug/L
Tetrachloroethylene	34475	5	25	146	4685	26.44	76.69	1.0	565.0	100.0	21.0	4.0	Ug/L
Chlorobenzene	34301	---	---	20	4685	7.15	7.33	1.0	27.0	22.0	7.0	5.0	Ug/L
Benzene	34030	5	25	12	2610	4.09	7.95	.8	29.0	29.0	2.0	1.3	Ug/L
Toluene	34010	1000	2500	5	2604	3.40	5.23	1.0	11.0	8.8	2.5	1.5	Ug/L
Ethylbenzene	34371	700	1000	1	2607	1.00	--	1.0	1.0	--	--	1.0	Ug/L
Xylene	81551	10000	10000	9	2552	16.50	29.31	.7	81.0	81.0	6.0	2.0	Ug/L
Carbon Tetrachloride	32102	5	25	13	4681	.95	.23	.5	8.0	8.0	5.0	1.0	Ug/L
Dichbrobenzene	34716	---	---	7	2005	1.57	.53	1.0	2.0	2.0	2.0	2.0	Ug/L

Footnotes:

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

AD:jmm/sp/276P/1

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 Susceptability 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

AD:jmm/sp/276P/3

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 95%	75%	50%	UNITS
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:

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.

AD:jmm/sp/276P/2

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 COMPLETED	INSPECTION COMPLETED	SCORING UNDERWAY	PRP/ID
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

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

PUBLIC WELL CONTAMINATION IN BOND COUNTY

Municipality and Well	Contaminants	Highest Level (ppb)
0050200 Pocahontas Compliance Monitoring Water Treatment Plant	Ethylbenzene	.60
	Xylenes	7.60

PUBLIC WELL CONTAMINATION IN BOONE COUNTY

Municipality and Well	Contaminants	Highest Level (ppb)
0070050 Belvidere		
Well #2 (11300) - Active	Trichloroethylene	13.0
	Tetrachloroethylene	23.0
	Toluene	2.0
Well #3 (11301) - Active	1,2-Dichloroethane	2.0
	Trichloroethylene	6.0
	Tetrachloroethylene	26.0
Well #4 (11302) - Active	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
Well #5 (11303) - Active	Trichloroethylene	1.0
	Tetrachloroethylene	3.0
Well #6 (11304) - Active	Trichloroethylene	2.0
	Tetrachloroethylene	2.6
	1,1-Dichloroethylene	2.0
Compliance Monitoring		
Well #4 (11305) - Active	Benzene	5.0
	Trichloroethylene	3.0
	Cis-1,2-Dichloroethylene	5.60
	Tetrachloroethylene	1.80
Well #5 (11303) - Active	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	Contaminants	Highest Level (ppb)
0110100 Buda		
Well #5 (11324) - Active	Toluene	2.0
0110800 Ohio		
Compliance Monitoring		
Well #5 (11362) - Active	Xylenes	2.40
Well #4 (11363) - Active	Xylenes	1.40
0110950 Sheffield		
Compliance Monitoring	Carbon Tetrachloride	3.50
0111000 Spring Valley		
Compliance Monitoring	1,2-Dichloroethane	1.0

PUBLIC WELL CONTAMINATION IN CASS COUNTY

Municipality and Well	Contaminants	Highest Level (ppb)
0170050 Arenzville		
Well #1 (52027) - Active	PCBs	.33
	Cyanazine	.07
	Alachlor	.130
Well #2 (52028) - Active	Atrazine	.530
	Cyanazine	.30
0170200 Chandlerville		
Well #2 (52132) - Inactive (as of October, 1993)	Atrazine	4.8
	Alachlor	18.0
	Metolachlor	12.0
	Cyanazine	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. Il Water		
Compliance Monitoring		
North Wells (45067, 45068, 45069-74) - Active	Benzene	.50
	Carbon Tetrachloride	.80
	Styrene	1.40
West Wells (00255,45075-84) - Active	Carbon Tetrachloride	.90
0195637 Chanute AFB		
Compliance Monitoring		
Water Treatment Plant C (45272, 45273) - Active	Ethylbenzene	.60
	Xylenes	3.40
Water Treatment Plant B (45272-45271)	Benzene	.50
	Toluene	1.20

PUBLIC WELL CONTAMINATION IN CHRISTIAN COUNTY

Municipality and Well	Contaminants	Highest Level (ppb)
0215189 Kemmerer Village (Children's Home) Well #6 (00148) - Active	Trichloroethylene	3.0
	Tetrachloroethylene	32.0
	Trans-1,2-Dichloroethylene	7.0
Compliance Monitoring Water Treatment Building	Tetrachloroethylene	13.0
	Cis-1,2-Dichloroethylene	.70

PUBLIC WELL CONTAMINATION IN CLINTON COUNTY

Municipality and Well	Contaminants	Highest Level (ppb)
0270350 Germantown Well #1 (60058)	1,2-Dichloroethane	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	.90
	Cis-1,2-Dichloroethylene	1.0
Well #5 (21162) - Active	Cis-1,2-Dichloroethylene	1.60
	1,2-Dichloroethane	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	Ethylbenzene Xylenes	.60 1.40
0315145 Spring Lakes M.H.P. Compliance Monitoring (20616 & 20617)	Methylene Chloride	.50
0315168 Bourbon Square Well #3 (20678) - Active	Carbon Tetrachloride	.70
0315848 Lake Run Apartments Compliance Monitoring Water Treatment Plant (no treatment)	Methylene Chloride	1.20

PUBLIC WELL CONTAMINATION IN DEKALB COUNTY

Municipality and Well	Contaminants	Highest Level (ppb)
0370200 Hinckley		
Compliance Monitoring		
Well #2 (11418) - Active		
	Trichloroethylene	12.0
	Cis-1,2-Dichloroethylene	6.60
	Tetrachloroethylene	35.0
	Toluene	5.20
0370550 Sycamore		
Compliance Monitoring		
Well #3 (11441) - Active		
	Methylene Chloride	1.10
0374850 Sandwich		
Well #1 (11430) - Active		
	Trichloroethylene	24.0
	Trans-1,2-Dichloroethylene	1.0
Well #2 (11431) - Active		
	Trichloroethylene	22.0
Compliance Monitoring		
Water Treatment Plant		
	Trichloroethylene	9.30
	Cis-1,2-Dichloroethylene	.60

PUBLIC WELL CONTAMINATION IN DEWITT COUNTY

Municipality and Well	Contaminants	Highest Level (ppb)
0390050 Clinton Compliance Monitoring Water Treatment Plant	Carbon Tetrachloride	3.0
0390150 Farmer City Compliance Monitoring Well #6 (47645) - Active	Methylene Chloride	.60

PUBLIC WELL CONTAMINATION IN DOUGLAS COUNTY

Municipality and Well	Contaminants	Highest Level (ppb)
0415030 Douglas Water Company		
Compliance Monitoring		
Water Treatment Plant		
	Carbon Tetrachloride	.60
	Trichloroethylene	6.20

PUBLIC WELL CONTAMINATION IN DUPAGE COUNTY

Municipality and Well	Contaminants	Highest Level (ppb)
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 Trichloroethylene	3.60 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 Trichloroethylene	6.0 12.0

Well #15 (21119) - Active	Tetrachloroethylene	13.0
	Trichloroethylene	13.5
Well #21 (21125) - Active	Tetrachloroethylene	2.0
Compliance Monitoring		
Well #4 (21110) - Active	Cis-1,2-Dichloroethylene	.60
Well #21 (21125) - Active	Tetrachloroethylene	1.80
Well #24 (00196) - Active	Tetrachloroethylene	8.50
Well #14 (21118) - Active	Xylenes	3.50
Well #26 (00198) - Active	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	Contaminants	Highest Level (ppb)
0490150 Dieterich Compliance Monitoring Well #9 (00279) - Active	Ethylbenzene	3.0
	Xylenes	18.0

PUBLIC WELL CONTAMINATION IN FORD COUNTY

Municipality and Well	Contaminants	Highest Level (ppb)
0530250 Paxton Compliance Monitoring Water Treatment Plant	Xylenes	1.60

PUBLIC WELL CONTAMINATION IN HARDIN COUNTY

Municipality and Well	Contaminants	Highest Level (ppb)
069500 Hardin County PWD		
Compliance Monitoring		
Water Treatment Plant - Active		
	Para(1,4)Dichlorobenzene	.70
	Xylenes	12.0

PUBLIC WELL CONTAMINATION IN HENRY COUNTY

Municipality and Well	Contaminants	Highest Level (ppb)
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	Contaminants	Highest Level (ppb)
0890800 South Elgin		
Compliance Monitoring		
Well #3 (20096) - Active	Carbon Tetrachloride	1.70
Well #4 (20104) - Active	Tetrachloroethylene	1.70
0894070 Aurora		
Well #8 (21127) - Active	Trichloroethylene	2.0
	Trans-1,2-Dichloroethylene	3.0
Compliance Monitoring		
Well #8 (21127) - Active	Trichloroethylene	1.9
	Cis-1,2-Dichloroethylene	1.5
0894690 Montgomery		
Well #2 (20067) - Active	Trichloroethylene	3.0
	1,1,1-Trichloroethane	3.0
	1,1-Dichloroethane	3.0
	Trans-1,2-Dichloroethylene	5.0
	Carbon Tetrachloride	1.0
Compliance Monitoring		
Water Treatment Plant	Trichloroethylene	1.10
	1,2-Dichloroethane	.50
	1,1,1-Trichloroethane	.70
	Cis-1,2-Dichloroethylene	.60
0894830 St. Charles		
Compliance Monitoring		
Well #8 (20104) - Active	Xylenes	1.20

PUBLIC WELL CONTAMINATION IN KANKAKEE COUNTY

Municipality and Well	Contaminants	Highest Level (ppb)
0910450 Herscher		
Well #5 (22075) - Inactive	Toluene	4.0
	Xylenes	2.0
0910650 Momence		
Well #1 (22087) - Active	1,1-Dichloroethane	5.0
Well #2 (22088) - Inactive	Benzene	29.0
	Tetrachloride	2.0
	1,1,1-Trichloroethane	2.0
	1,1-Dichloroethane	3.0
Well #3 (22089) - Abandoned	1,1,1-Trichloroethane	1.0
	Chlorobenzene	13.0
	1,1-Dichloroethane	96.7
	1,1-Dichloroethylene	7.1
Well #4 (22090) - Active	1,1,1-Trichloroethane	2.0
Compliance Monitoring		
Well #1 (22087) - Active	Trichloroethylene	2.30
	1,1,1-Trichloroethane	1.40
Well #4 (22090) - Active	1,1,1-Trichloroethane	1.30
Well #5 (00116) - Active	1,1,1-Trichloroethane	3.20
0915250 Hillside Manor		
Well #1 (22080) - Active	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	Contaminants	Highest Level (ppb)
0930200 Plano		
Well #4 (20128) - Active		
	1,1,1-Trichloroethane	13.0
	1,1-Dichloroethane	1.0
	Carbon Tetrachloride	8.0
Compliance Monitoring		
Well #4 (20128) - Active		
	1,1,1-Trichloroethane	12.0
Well #5 (20129) - Active		
	1,1,1-Trichloroethane	1.40
Water Treatment Plant		
	1,1,1-Trichloroethane	1.50

PUBLIC WELL CONTAMINATION IN KNOX COUNTY

Municipality and Well	Contaminants	Highest Level (ppb)
0955200 Consumers Il Water - Oakrun Compliance Monitoring Water Treatment Plant	Carbon Tetrachloride	2.20

PUBLIC WELL CONTAMINATION IN LAKE COUNTY

Municipality and Well	Contaminants	Highest Level (ppb)
0970050 Antioch		
Compliance Monitoring		
Well #4 (20312) - Active	Vinyl Chloride	6.7
	Cis-1,2-Dichloroethylene	1.0
0971150 Mundelein		
Compliance Monitoring		
Well #6A (21006) - Active	Toluene	.70
Well #8 (21008) - Active	Ethylbenzene	1.60
	Xylenes	13.0
0971750 Vernon Hills		
Compliance Monitoring		
Well #3 (00325) - Active	Carbon Tetrachloride	2.60
Well #1 (21037) - Abandoned	Methylene Chloride	.90
0977350 Wildwood		
Compliance Monitoring		
Well #7 (00261) - Inactive	Trichloroethylene	.76
	1,1,1-Trichloroethane	.56

PUBLIC WELL CONTAMINATION IN LASALLE COUNTY

Municipality and Well	Contaminants	Highest Level (ppb)
0990500 Marseilles		
Compliance Monitoring		
Well #4 (11483) - Active		
	Ethylbenzene	1.50
	Xylenes	4.60

PUBLIC WELL CONTAMINATION IN LIVINGSTON COUNTY

Municipality and Well	Contaminants	Highest Level (ppb)
1050350 Fairbury Compliance Monitoring Water Treatment Plant	1,1,1-Trichloroethane	4.60

PUBLIC WELL CONTAMINATION IN LOGAN COUNTY

Municipality and Well	Contaminants	Highest Level (ppb)
1075030 Lincoln Water Corporation Compliance Monitoring Water Treatment Plant	Carbon Tetrachloride	.70

PUBLIC WELL CONTAMINATION IN MCHENRY COUNTY

Municipality and Well	Contaminants	Highest Level (ppb)
1110200 Fox River Grove		
Well #1 (20154) - Active	1,1,1-Trichloroethane	2.0
	Trichloroethylene	20.0
	1,1-Dichloroethane	2.0
Well #2 (20155) - Active	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
Compliance Monitoring Water Treatment Plant	Trichloroethylene	21.0
	Vinyl Chloride	1.3
	1,1,1-Trichloroethane	.7
	Cis-1,2-Dichloroethylene	4.80
1110250 Harvard		
Well #5 (20201) - Inactive	Trichloroethylene	23.0
	1,2-Dichloroethane	10.0
Well #6 (20202) - Active	Trans-1,2-Dichloroethylene	.6
	Cis-1,2-Dichloroethylene	.5
1110300 Hebron		
Well #3 (20186) - Inactive	Trichloroethylene	2.0
	Tetrachloroethylene	1.0
	1,1,1-Trichloroethane	7.0
Well #4 (20187) - Active	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

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

1110950 Woodstock
Well #1 (22149) - Abandoned

Trichloroethylene	1.0

1115189 Valley HI NH
Compliance Monitoring
Water Treatment Plant

Xylenes	2.60
Toluene	.70

PUBLIC WELL CONTAMINATION IN MADISON COUNTY

Municipality and Well	Contaminants	Highest Level (ppb)
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	Contaminants	Highest Level (ppb)
1230050 **Henry** Well #3 (31301) - Active	1,1,1-Trichloroethane	2.0

PUBLIC WELL CONTAMINATION IN MASON COUNTY

Municipality and Well	Contaminants	Highest Level (ppb)
1250200 Havana Compliance Monitoring Water Treatment Plant	Tetrachloroethylene	1.70

PUBLIC WELL CONTAMINATION IN MENARD COUNTY

Municipality and Well	Contaminants	Highest Level (ppb)
1290150 Oakford		
Compliance Monitoring		
Well #2 (50209) - Active		
	Benzene	.60
	Ethylbenzene	.60
Water Treatment Building		
	Benzene	1.10
	Ethylbenzene	1.80
	Trans-1,2-Dichloroethylene	.50
1290200 Petersburg		
Well #1 (50154) - Active		
	1,1,1-Trichloroethane	1.0
	Tetrachloroethylene	196.0
	Trans-1,2-Dichloroethylene	3.0
	Trichloroethylene	5.0
	Cis-1,2-Dichloroethylene	5.0
Well #4 (50156) - Active		
	Trans-1,2-Dichloroethylene	25.0
	Trichloroethylene	3.0
	Tetrachloroethylene	56.0
Well #6 (50157) - Active		
	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	Contaminants	Highest Level (ppb)
1310050 Aledo		
Well #2 (31810) - Active		
Compliance Monitoring		
Well #2 (31810) - Active	Tetrachloroethylene	4.0
	Carbon Tetrachloride	.90

PUBLIC WELL CONTAMINATION IN MONTGOMERY COUNTY

Municipality and Well	Contaminants	Highest Level (ppb)
1350450 Nokomis		
Well #6 (52110) - Active	Trichloroethylene	14.0
	Tetrachloroethylene	21.0
	1,1,1-Trichloroethane	4.0
Compliance Monitoring Water Treatment Plant	Cis-1,2-Dichloroethylene	7.20
	Trichloroethylene	2.50
	Tetrachloroethylene	4.60
	Dichloromethane	.50

PUBLIC WELL CONTAMINATION IN OGLE COUNTY

Municipality and Well	Contaminants	Highest Level (ppb)
1410100 Byron		
Well #1 (11777) - Active	Trichloroethylene	11.0
	Ethylbenzene	2.0
Compliance Monitoring		
Well #3 (11778) - Active	Trichloroethylene	2.20
Water Treatment Plant	Trichloroethylene	4.20
1410250 Hillcrest		
Well #1 (11788) - Active	1,1,1-Trichloroethane	1.0
Compliance Monitoring		
Well #1 (11788) - Active	Tetrachloroethylene	1.10
	1,1,1-Trichloroethane	10.0
1410350 Mount Morris		
Compliance Monitoring		
Well #3 (11795) - Active	Xylenes	.70
Well #2 (11794) - Active	Xylenes	2.40
	Toluene	1.10

PUBLIC WELL CONTAMINATION IN PEORIA COUNTY

Municipality and Well	Contaminants	Highest Level (ppb)
1430750 Princeville		
Well #1 (50136) - Active	Trichloroethylene	15.0
	Tetrachloroethylene	7.0
1435030 Il 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	Contaminants	Highest Level (ppb)
1470150 Cisco		
Compliance Monitoring		
Water Treatment Plant		
	Xylenes	5.70
	Ethylbenzene	.50

PUBLIC WELL CONTAMINATION IN PIKE COUNTY

Municipality and Well	Contaminants	Highest Level (ppb)
1490800 Pleasant Hill Well #4 (50147) - Active	Atrazine	.17
	Alachlor	.08

PUBLIC WELL CONTAMINATION IN ROCK ISLAND COUNTY

Municipality and Well	Contaminants	Highest Level (ppb)
1610400 Milan		
Well 3 (31860) - Active		
	1,1,1-Trichloroethane	1.0
	Tetrachloroethylene	11.0
Compliance Monitoring		
Well #4 (31861) - Active		
	Xylenes	2.80
Well #3 (31860) - Active		
	Xylenes	.50
1614260 Coal Valley		
Compliance Monitoring		
Well #2 (31853) - Active		
	Carbon Tetrachloride	1.30
	Dichloromethane	.60

PUBLIC WELL CONTAMINATION IN SCHUYLER COUNTY

Municipality and Well	Contaminants	Highest Level (ppb)
1690200 Rushville Compliance Monitoring Water Treatment Plant	Dichloromethane	.50

PUBLIC WELL CONTAMINATION IN STEPHENSON COUNTY

Municipality and Well	Contaminants	Highest Level (ppb)
1770200 Freeport		
Well #2 (11858) - Active	Trichloroethylene	.60
	Vinyl Chloride	21.0
	Benzene	1.0
	Cis-1,2-Dichloroethylene	40.0
	1,1-Dichloroethane	1.0
Well #3 (11859) - Inactive	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
Well #5 (11861) - Active	Trans-1,2-Dichloroethylene	4.0
	1,1-Dichloroethylene	3.0
	1,1-Dichloroethane	1.0
Well 36 (11862) - Active	1,1-Dichloroethylene	3.0
Well #7 (11863) - Active	Trichloroethylene	2.0
	Cis-1,2-Dichloroethylene	3.0
	Trans-1,2-Dichloroethylene	3.0
	1,1-Dichloroethylene	3.5
Compliance Monitoring Water Treatment Plant	Cis-1,2-Dichloroethylene	2.72
	Vinyl Chloride	1.0
	Benzene	.52
	Trichloroethylene	.55

PUBLIC WELL CONTAMINATION IN TAZEWELL COUNTY

Municipality and Well	Contaminants	Highest Level (ppb)
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	.65
	Carbon Tetrachloride	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	.54
	Atrazine	.8
	Cyanazine	.38
	Metolachlor	1.20
Well #5 (50099) - Active	Atrazine	1.2
	Cyanazine	.160
	Alachlor	1.4
	Metolachlor	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	Contaminants	Highest Level (ppb)
1835245 Valley Run		
Compliance Monitoring		
Well #1 (45226) - Active	Trichloroethylene	4.80
Well #2 (45227) - Active	Trichloroethylene	5.50

PUBLIC WELL CONTAMINATION IN WARREN COUNTY

Municipality and Well	Contaminants	Highest Level (ppb)
1870150 Monmouth		
Compliance Monitoring		
Well #6 (50241) - Active		
	Carbon Tetrachloride	.60

PUBLIC WELL CONTAMINATION IN WHITESIDE COUNTY

Municipality and Well	Contaminants	Highest Level (ppb)
1950350 Morrison		
Well #1 (11907) - Abandoned		
	Trichloroethylene	990.0
	Trans-1,2-Dichloroethylene	4.0
	1,1,1-Trichloroethane	3.0
	Tetrachloroethylene	3.0
Well #3 (11909) - Active		
	Trichloroethylene	13.0
	Trans-1,2-Dichloroethylene	4.0
	1,1,1-Trichloroethane	53.0
Well #4 (11910) - Active		
	1,1,1-Trichloroethane	1.0
	1,2-Dichloroethane	3.0
1955040 Sterling-No. Il Water Corporation		
Compliance Monitoring		
Well #6 & 7 (11927 & 11928) - Active	Tetrachloroethylene	.50

PUBLIC WELL CONTAMINATION IN WILL COUNTY

Municipality and Well	Contaminants	Highest Level (ppb)
1970200 Channahon		
Compliance Monitoring		
Well #1 (20357) - Active	Xylenes	2.40
1970250 Crest Hill		
Well #1 (20447) - Active	1,1,1-Trichloroethane	8.0
Well #6 (20450) - Active	Trans-1,2-Dichloroethylene	3.0
	1,1,1-Trichloroethane	1.0
Compliance Monitoring		
Well #1 (20447) - Active	1,1,1-Trichloroethane	4.00
Well #6 (20450) - Active	Benzene	2.00
	Cis-1,2-Dichloroethylene	1.00
Well #7 (20451) - Active	1,1,1-Trichloroethane	2.00
	Xylenes	.50
	1,2,4-Trichlorobenzene	.70
1970400 Frankfort		
Compliance Monitoring		
Well #5 (20442) - Active	Xylenes	1.20
1970450 Joliet		
Compliance Monitoring		
Well #10D (22121) - Active	1,2-Dichloroethane	.70
Well #5D (22116) - Active	1,2-Dichloroethane	2.20
	Para-1,4-Dichlorobenzene	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
1970900 Romeoville		
Compliance Monitoring		
Well #9 (00618) - Active	Xylenes	.60
Well #5 (22128) - Active	Xylenes	.90
Well #3 & 4 (22126 & 22127) Active & Inactive	Xylenes	1.90
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 TWSP Water System
Compliance Monitoring
Well #1 (00187) - Active

1,1-Dichloroethylene	.60

PUBLIC WELL CONTAMINATION IN WINNEBAGO COUNTY

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

Well #3 (11128) - Active

1,1,1-Trichloroethane	2.0

Compliance Monitoring

Well #2 (11127) - Inactive

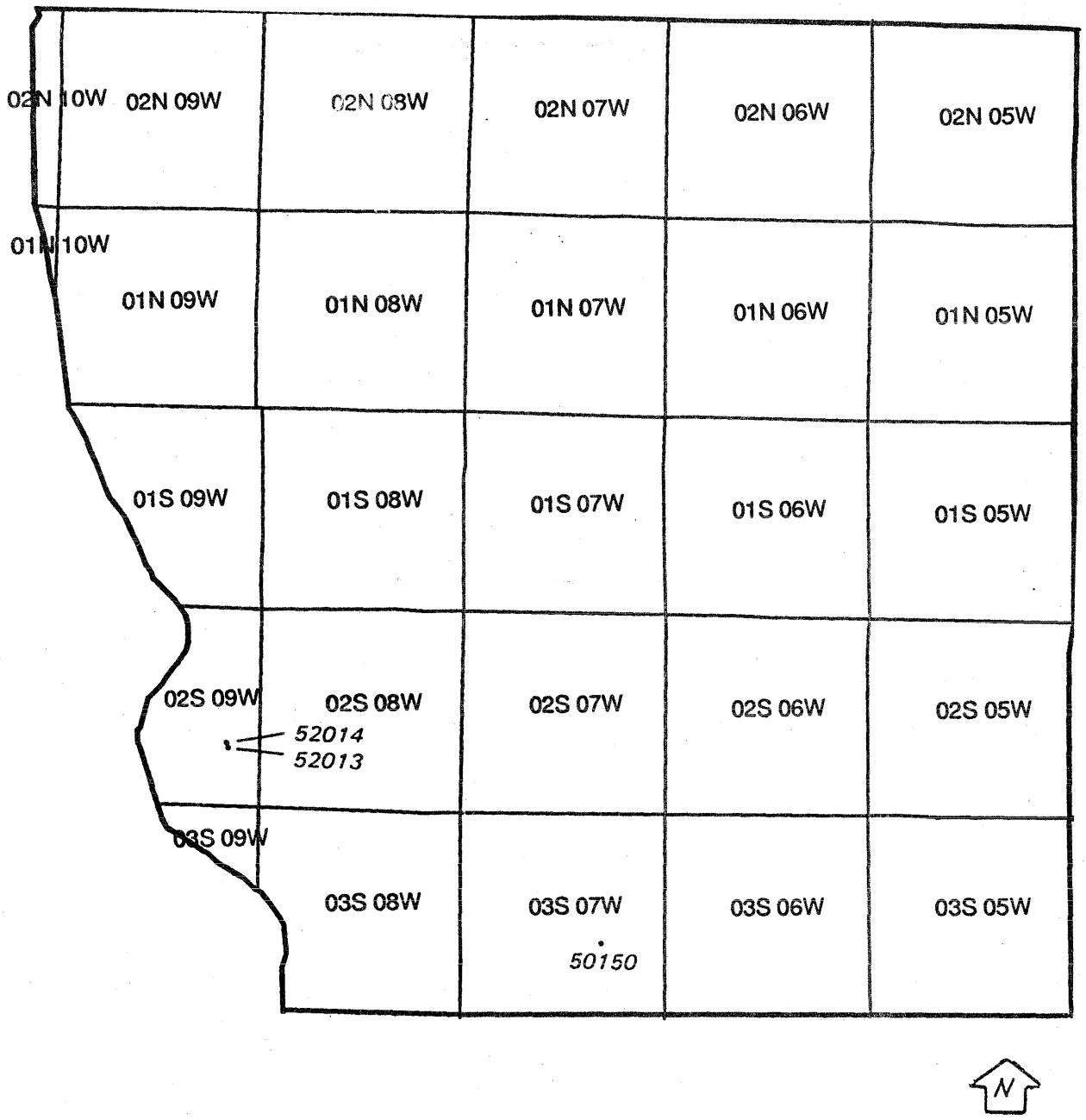
Trichloroethylene	6.0
1,1,1-Trichloroethane	1.4

Well #3 (11128) - Active

Trichloroethylene	3.0
1,1,1-Trichloroethane	1.3

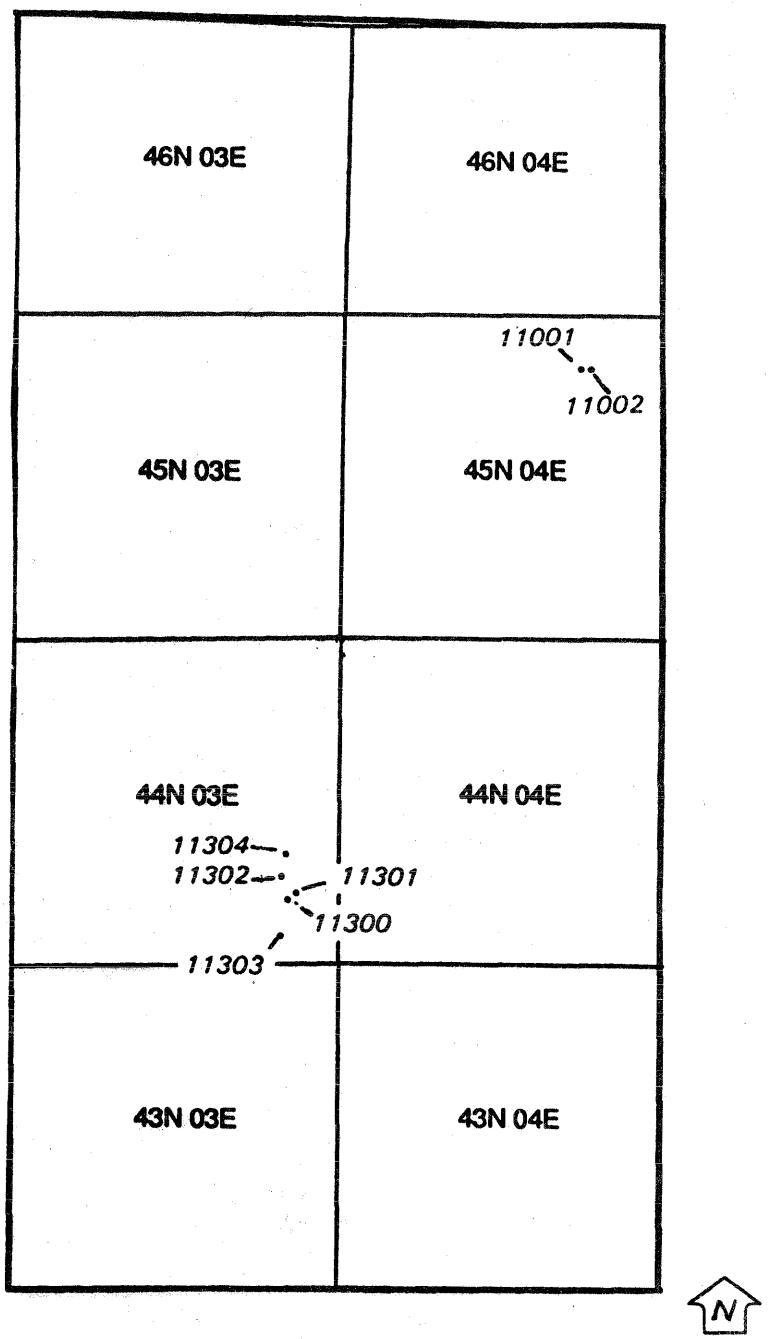
APPENDIX F

ADAMS COUNTY



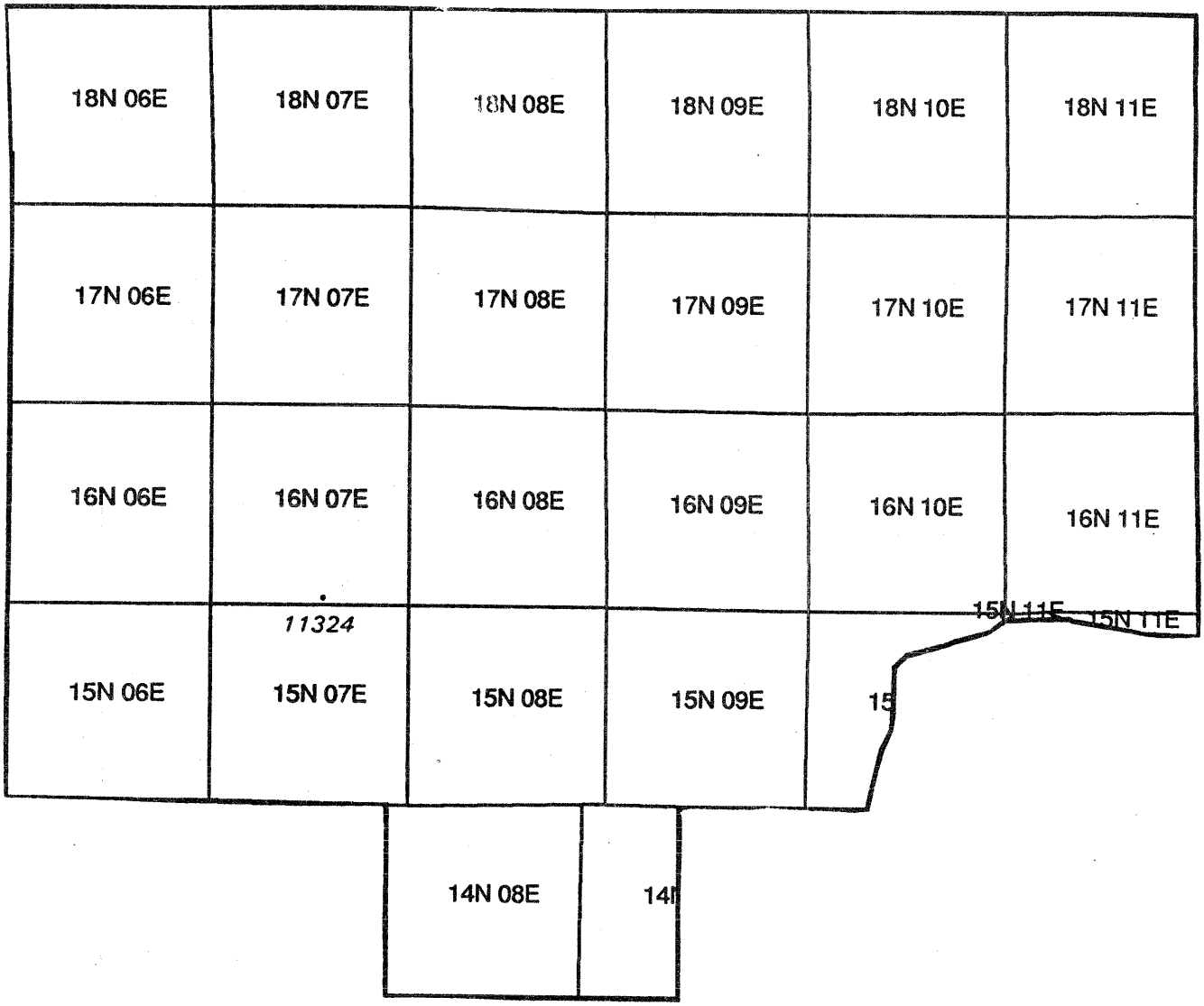
LOCATION OF COMMUNITY WATER SUPPLY WELL(S) WITH ORGANIC CHEMICAL CONTAMINATION	SCALE APPROX. 1:315900
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY GROUNDWATER SECTION	PAGE

BOONE COUNTY



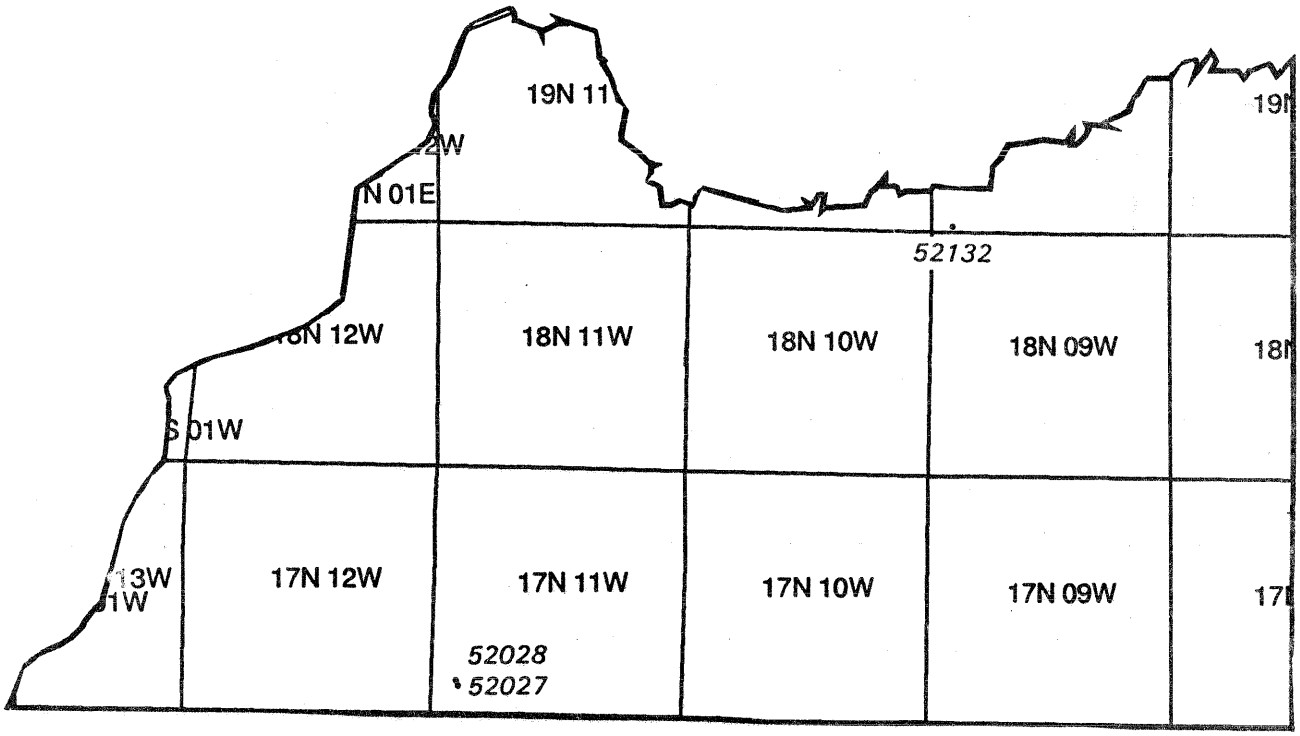
LOCATION OF COMMUNITY WATER SUPPLY WELL(S) WITH ORGANIC CHEMICAL CONTAMINATION	SCALE APPROX. 1:223800
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY GROUNDWATER SECTION	PAGE

BUREAU COUNTY



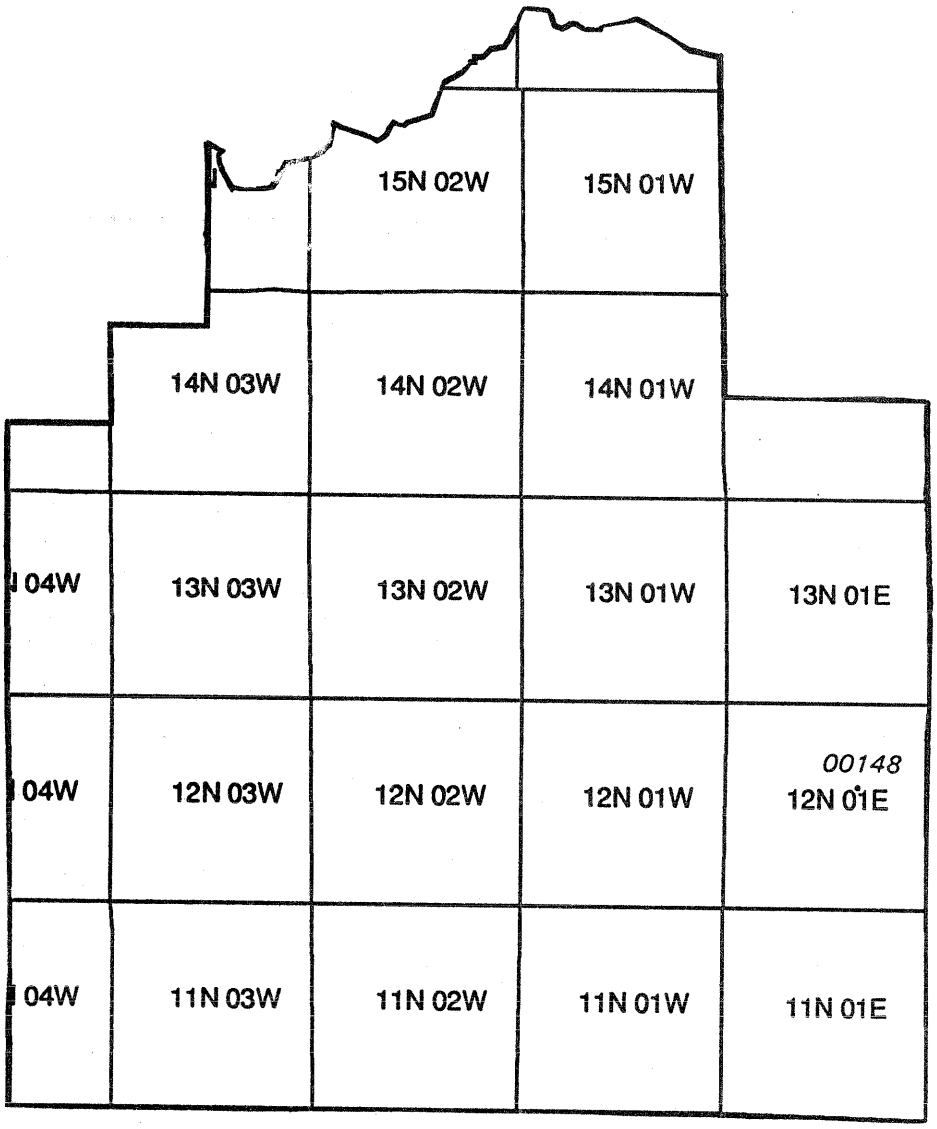
LOCATION OF COMMUNITY WATER SUPPLY WELL(S) WITH ORGANIC CHEMICAL CONTAMINATION	SCALE APPROX. 1:332000
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY GROUNDWATER SECTION	PAGE

CASS COUNTY



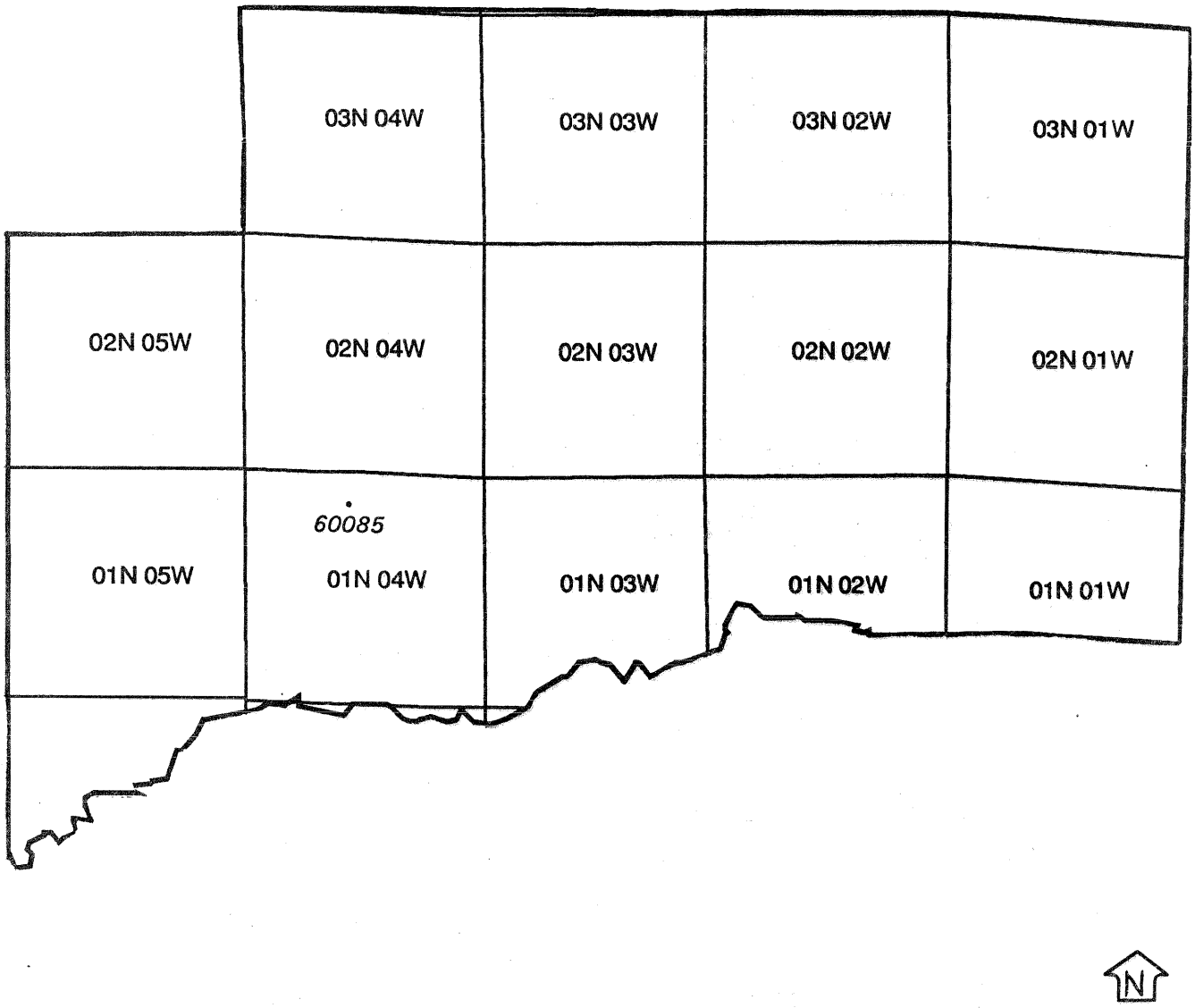
LOCATION OF COMMUNITY WATER SUPPLY WELL(S) WITH ORGANIC CHEMICAL CONTAMINATION	SCALE APPROX. 1:295700
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY GROUNDWATER SECTION	PAGE

CHRISTIAN COUNTY



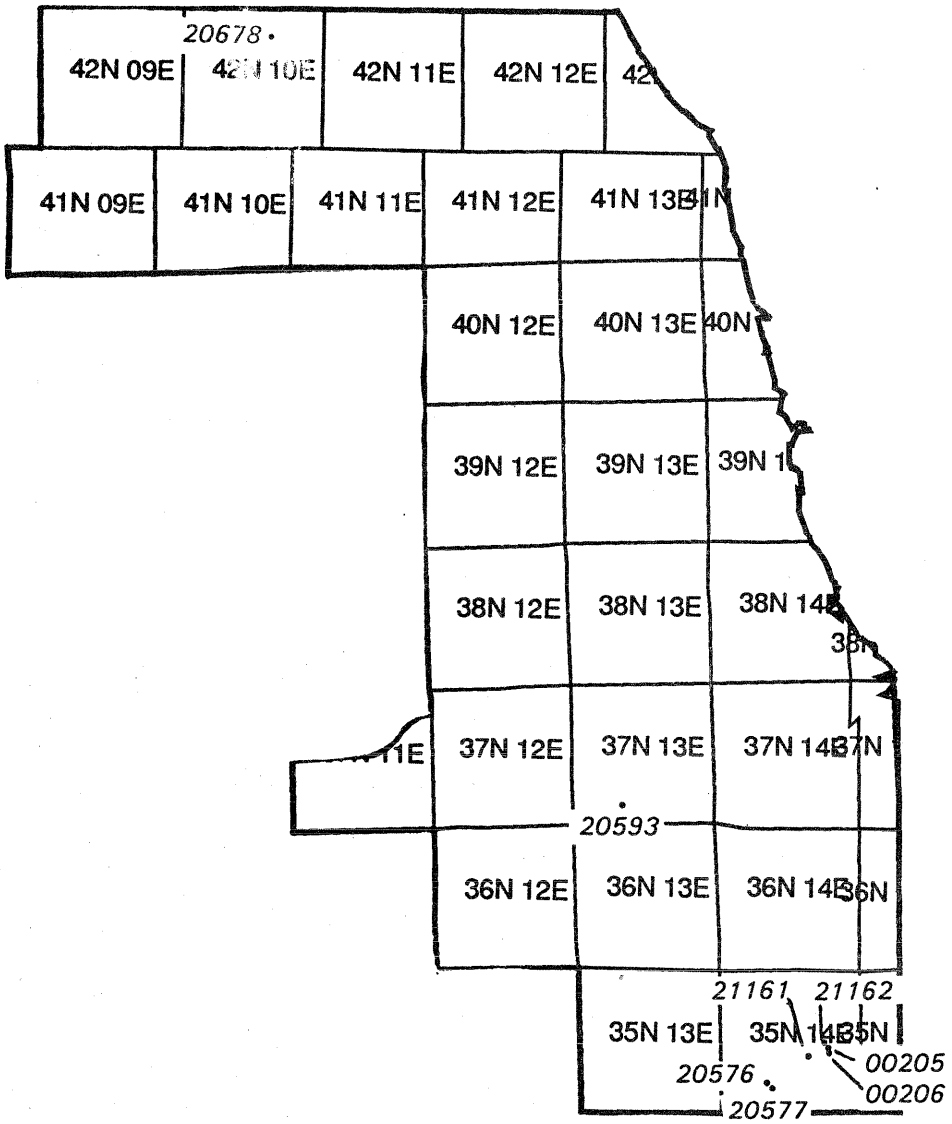
LOCATION OF COMMUNITY WATER SUPPLY WELL(S) WITH ORGANIC CHEMICAL CONTAMINATION	SCALE APPROX. 1:356200
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY GROUNDWATER SECTION	PAGE

CLINTON COUNTY



LOCATION OF COMMUNITY WATER SUPPLY WELL(S) WITH ORGANIC CHEMICAL CONTAMINATION	SCALE APPROX. 1:282000
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY GROUNDWATER SECTION	PAGE

COOK COUNTY

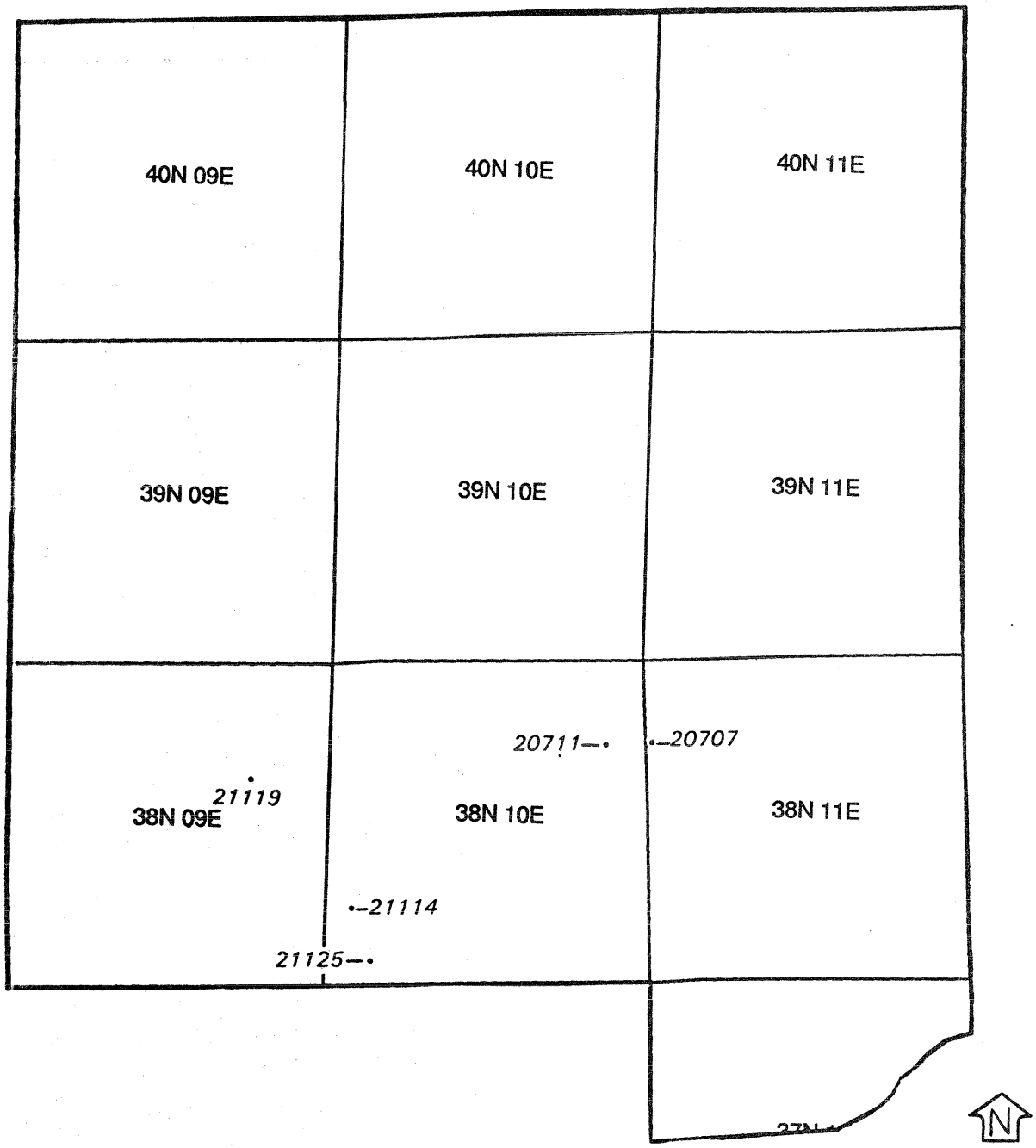


LOCATION OF COMMUNITY WATER SUPPLY WELL(S) WITH ORGANIC CHEMICAL CONTAMINATION	SCALE APPROX. 1:517500
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY GROUNDWATER SECTION	PAGE

DEKALB COUNTY

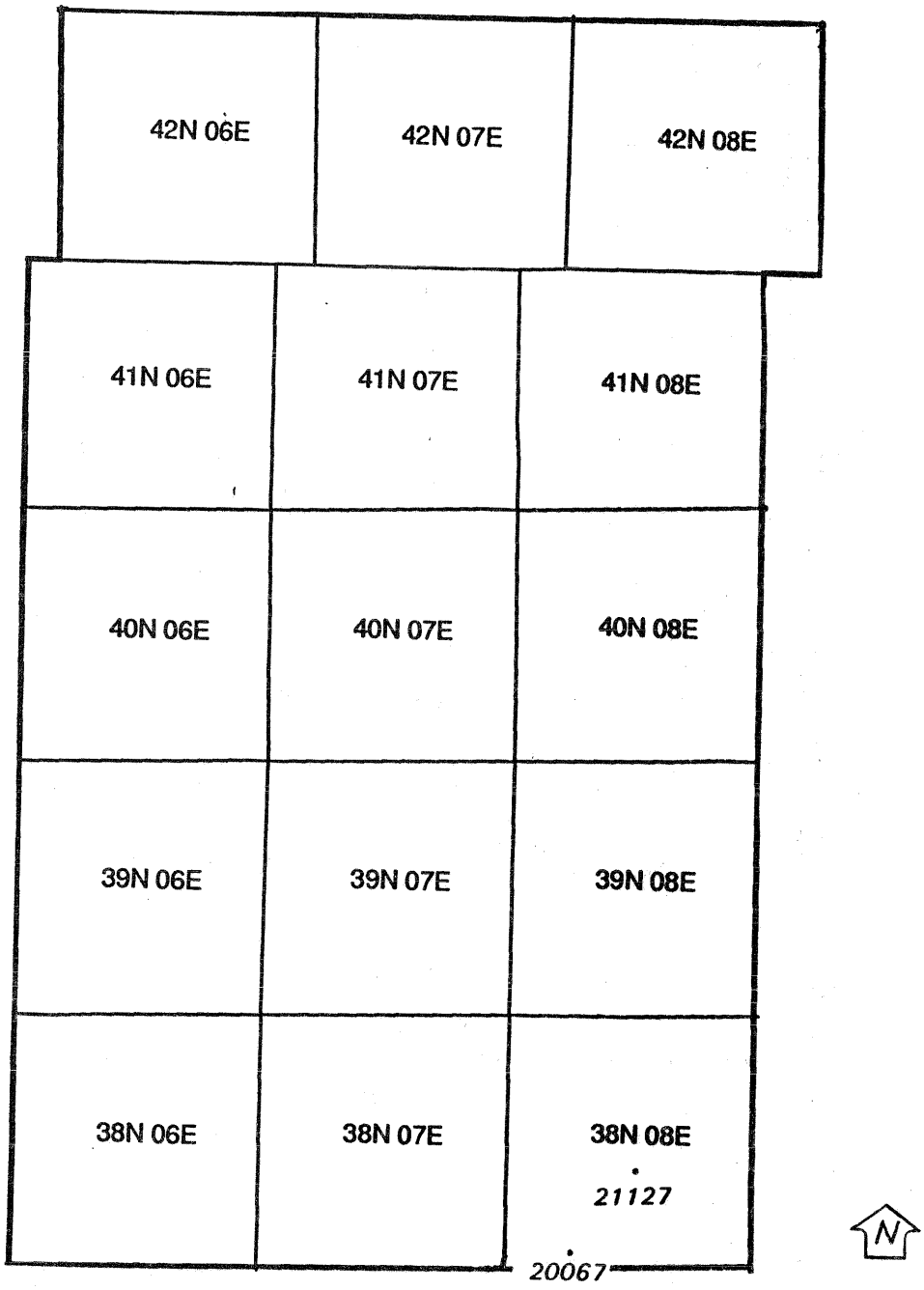
LOCATION OF COMMUNITY WATER SUPPLY WELL(S) WITH ORGANIC CHEMICAL CONTAMINATION	SCALE APPROX. 1:399200
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY GROUNDWATER SECTION	PAGE

DUPAGE COUNTY



LOCATION OF COMMUNITY WATER SUPPLY WELL(S) WITH ORGANIC CHEMICAL CONTAMINATION	SCALE APPROX. 1:195000
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY GROUNDWATER SECTION	PAGE

KANE COUNTY



LOCATION OF COMMUNITY WATER SUPPLY WELL(S) WITH ORGANIC CHEMICAL CONTAMINATION	SCALE APPROX. 1:278200
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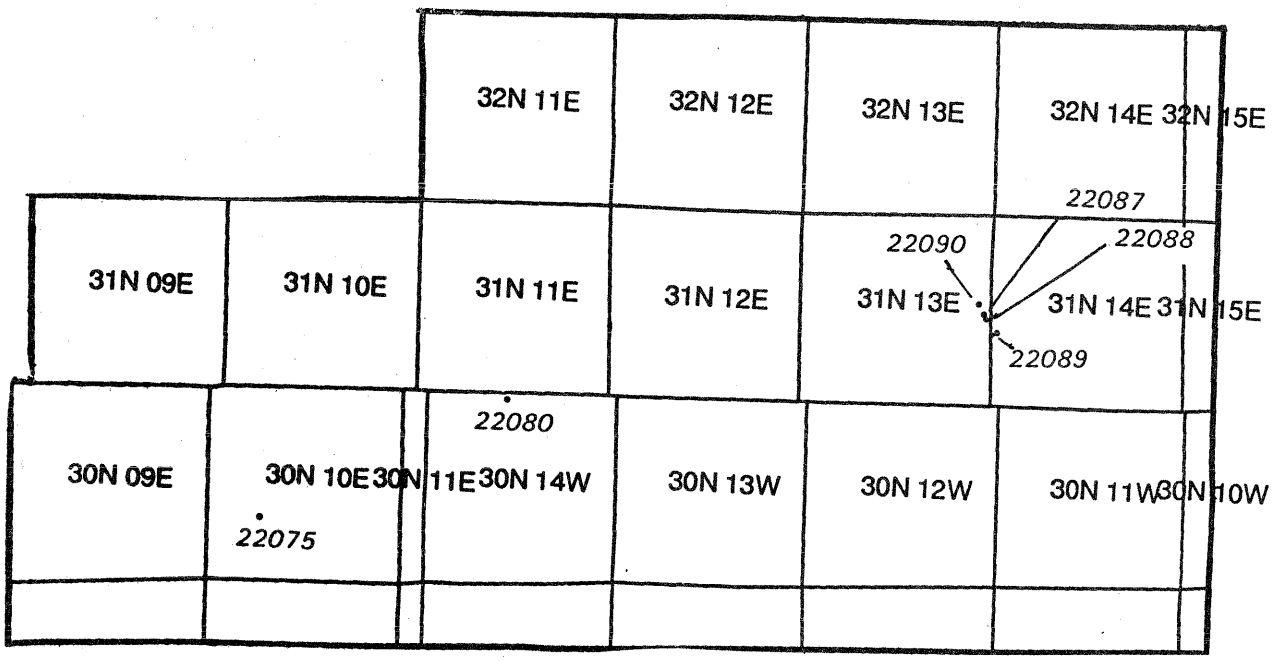
KANKAKEE COUNTY



LOCATION OF COMMUNITY WATER SUPPLY WELL(S) WITH ORGANIC CHEMICAL CONTAMINATION	SCALE APPROX. 1:383000
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY GROUNDWATER SECTION	PAGE

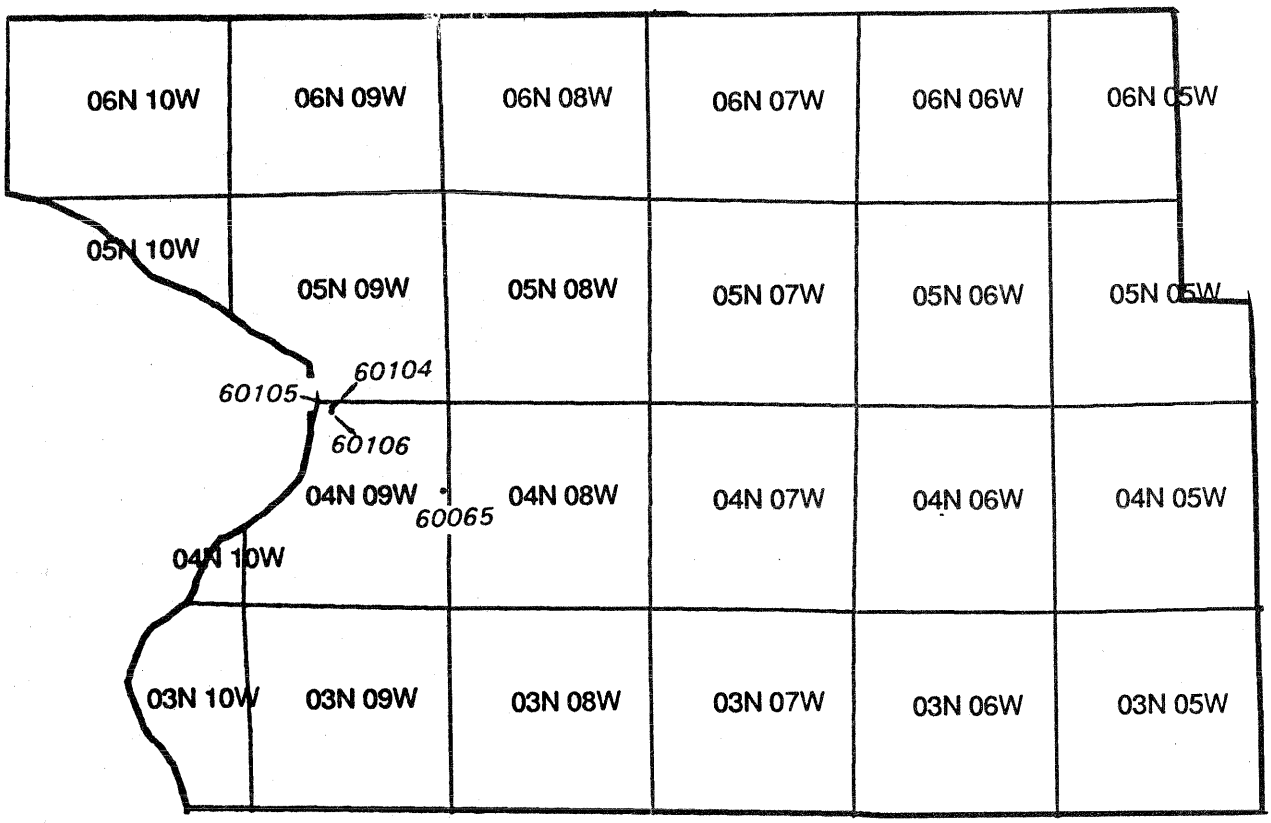
KENDALL COUNTY

37N 06E 20128	37N 07E	37N 08E
36N 06E	36N 07E	36N 08E
35N 06E	35N 07E	35N 08E

N

LOCATION OF COMMUNITY WATER SUPPLY WELL(S) WITH ORGANIC CHEMICAL CONTAMINATION	SCALE APPROX. 1:181800
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY GROUNDWATER SECTION	PAGE

MADISON COUNTY



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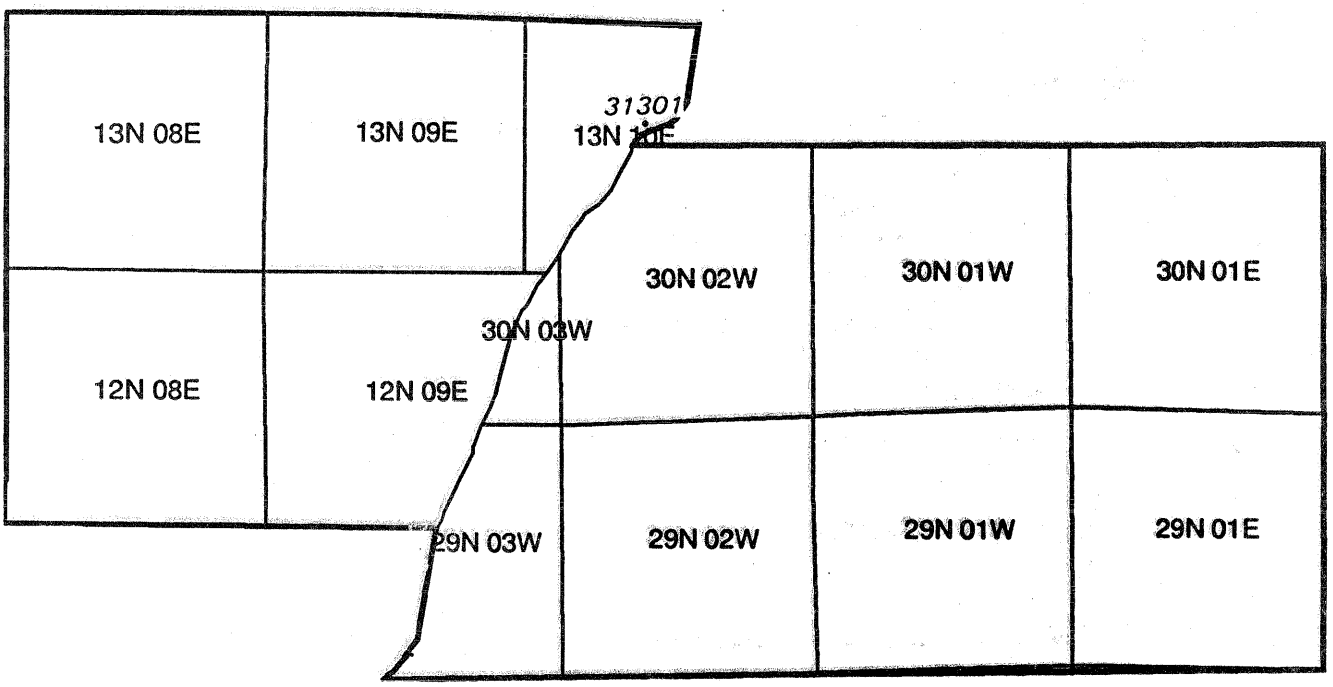
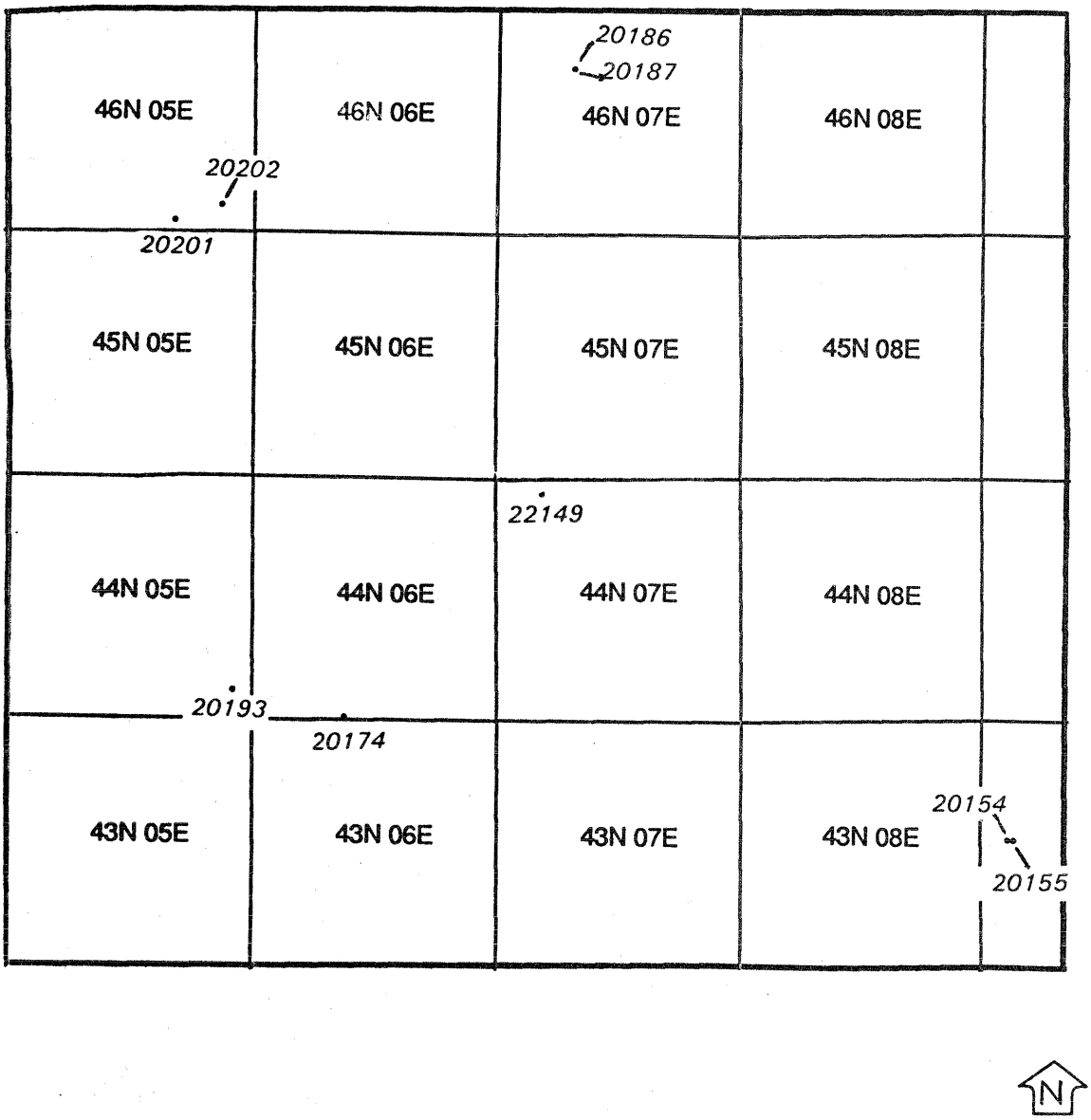
LOCATION OF COMMUNITY WATER SUPPLY WELL(S) WITH ORGANIC CHEMICAL CONTAMINATION	SCALE APPROX. 1:356200
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY GROUNDWATER SECTION	PAGE

MARSHALL COUNTY



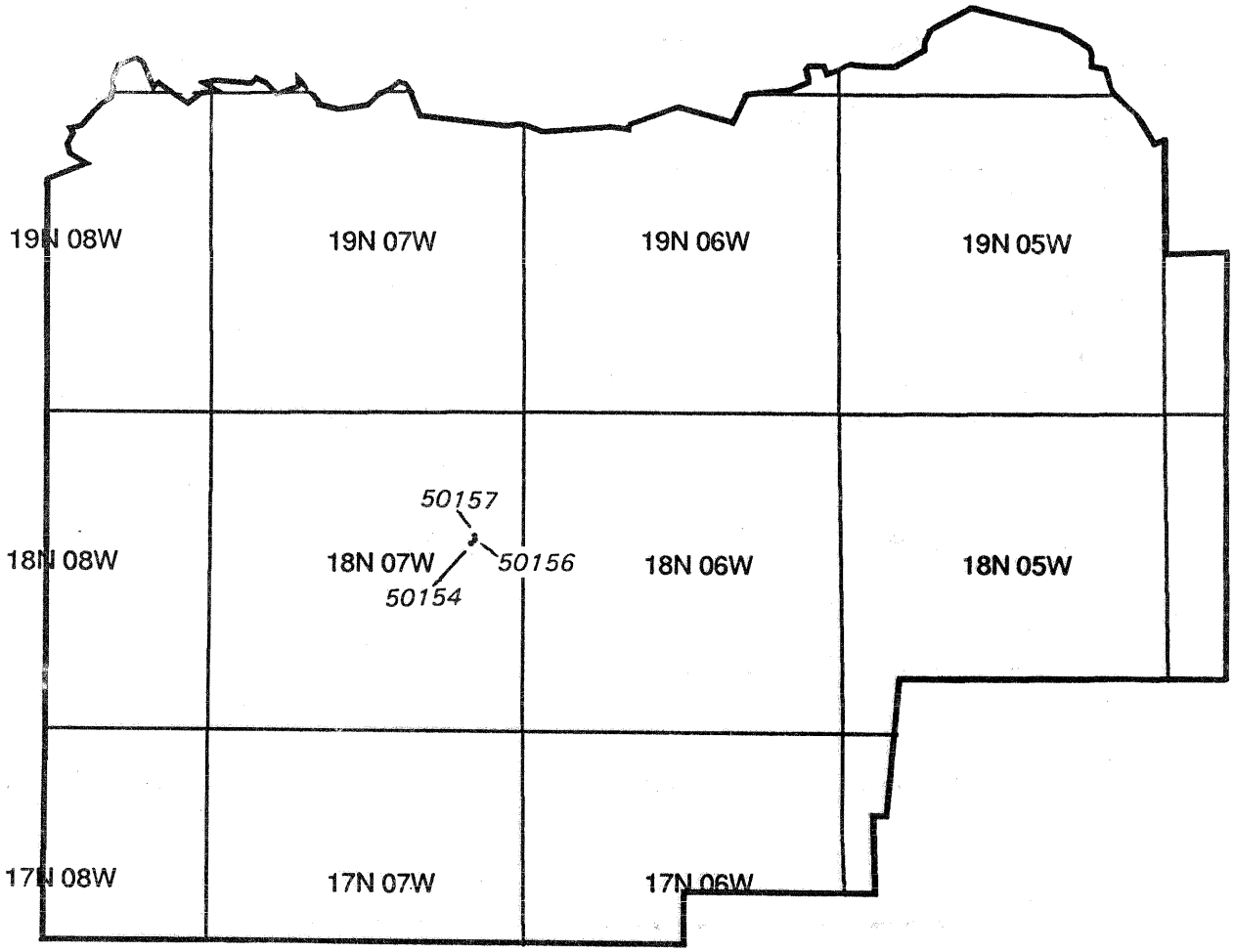
LOCATION OF COMMUNITY WATER SUPPLY WELL(S) WITH ORGANIC CHEMICAL CONTAMINATION	SCALE APPROX. 1:284500
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY GROUNDWATER SECTION	PAGE

MCHENRY COUNTY



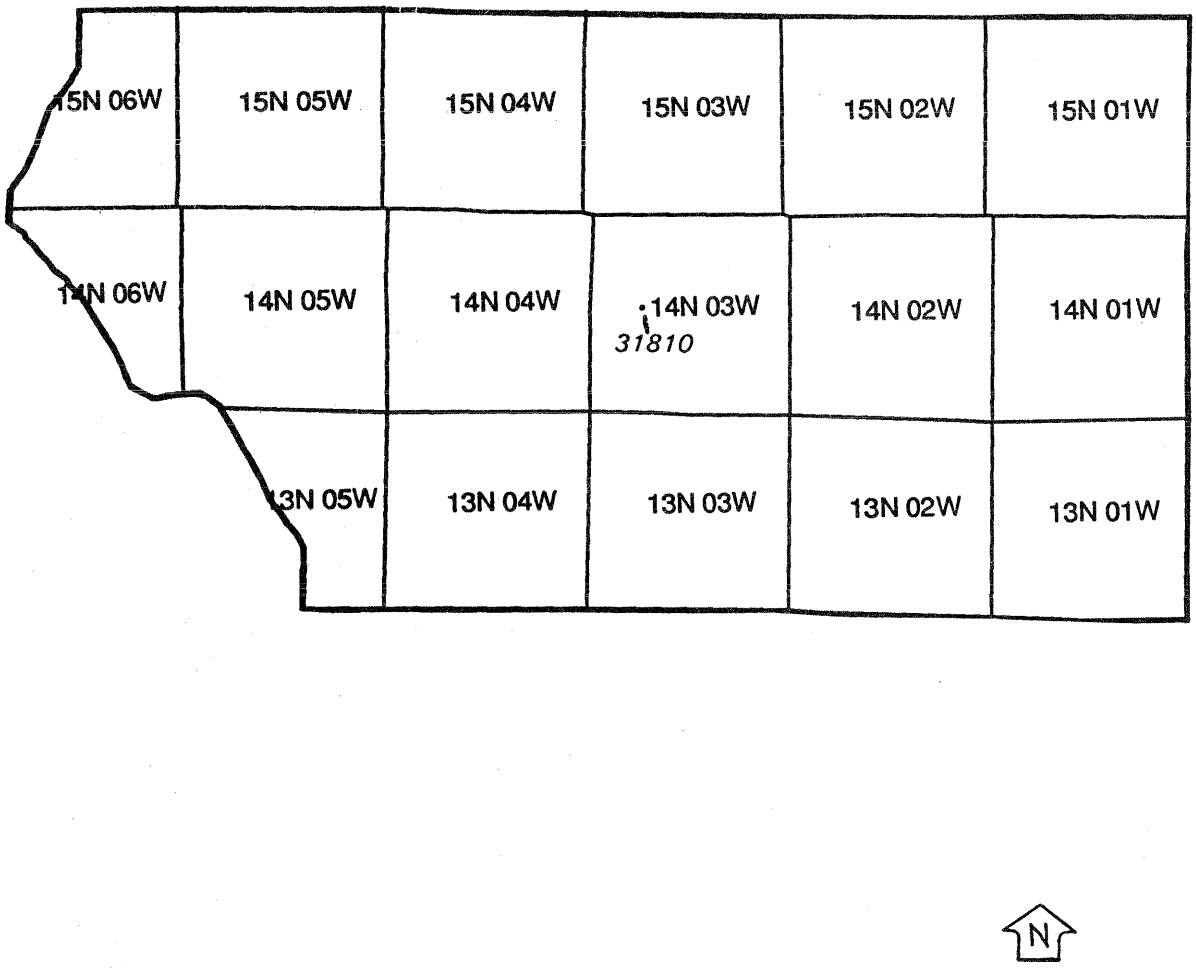
LOCATION OF COMMUNITY WATER SUPPLY WELL(S) WITH ORGANIC CHEMICAL CONTAMINATION	SCALE APPROX. 1:282200
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY GROUNDWATER SECTION	PAGE

MENARD COUNTY

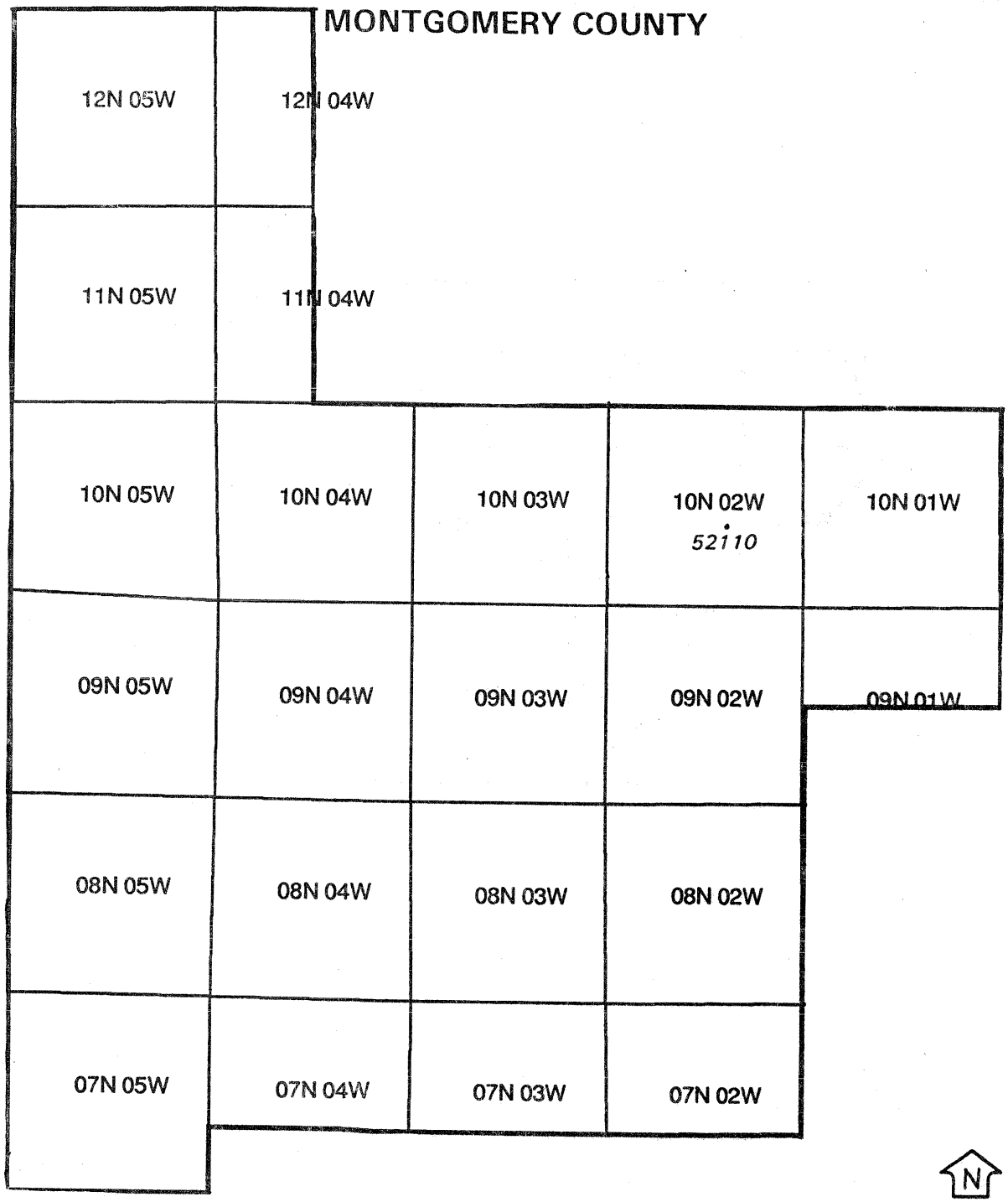


LOCATION OF COMMUNITY WATER SUPPLY WELL(S) WITH ORGANIC CHEMICAL CONTAMINATION	SCALE APPROX. 1:222000
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY GROUNDWATER SECTION	PAGE

MERCER COUNTY



LOCATION OF COMMUNITY WATER SUPPLY WELL(S) WITH ORGANIC CHEMICAL CONTAMINATION	SCALE APPROX. 1:363000
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY GROUNDWATER SECTION	PAGE



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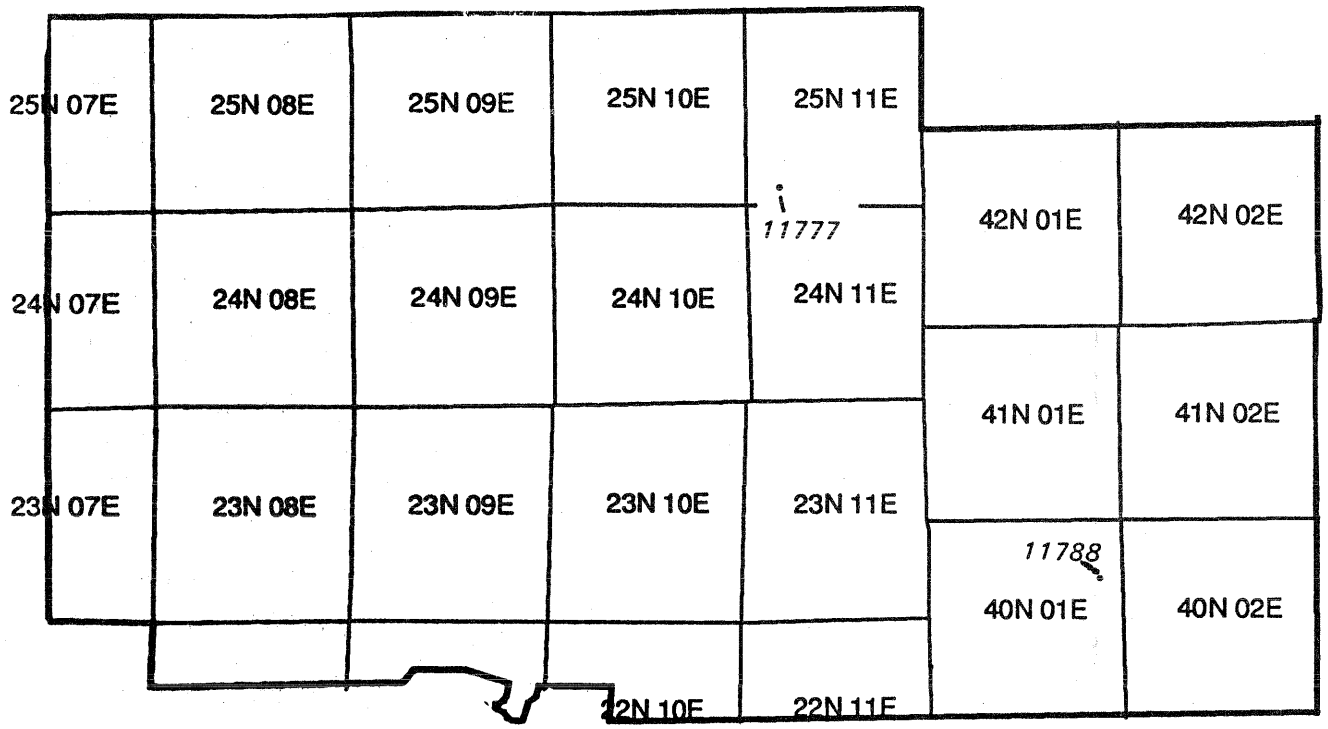
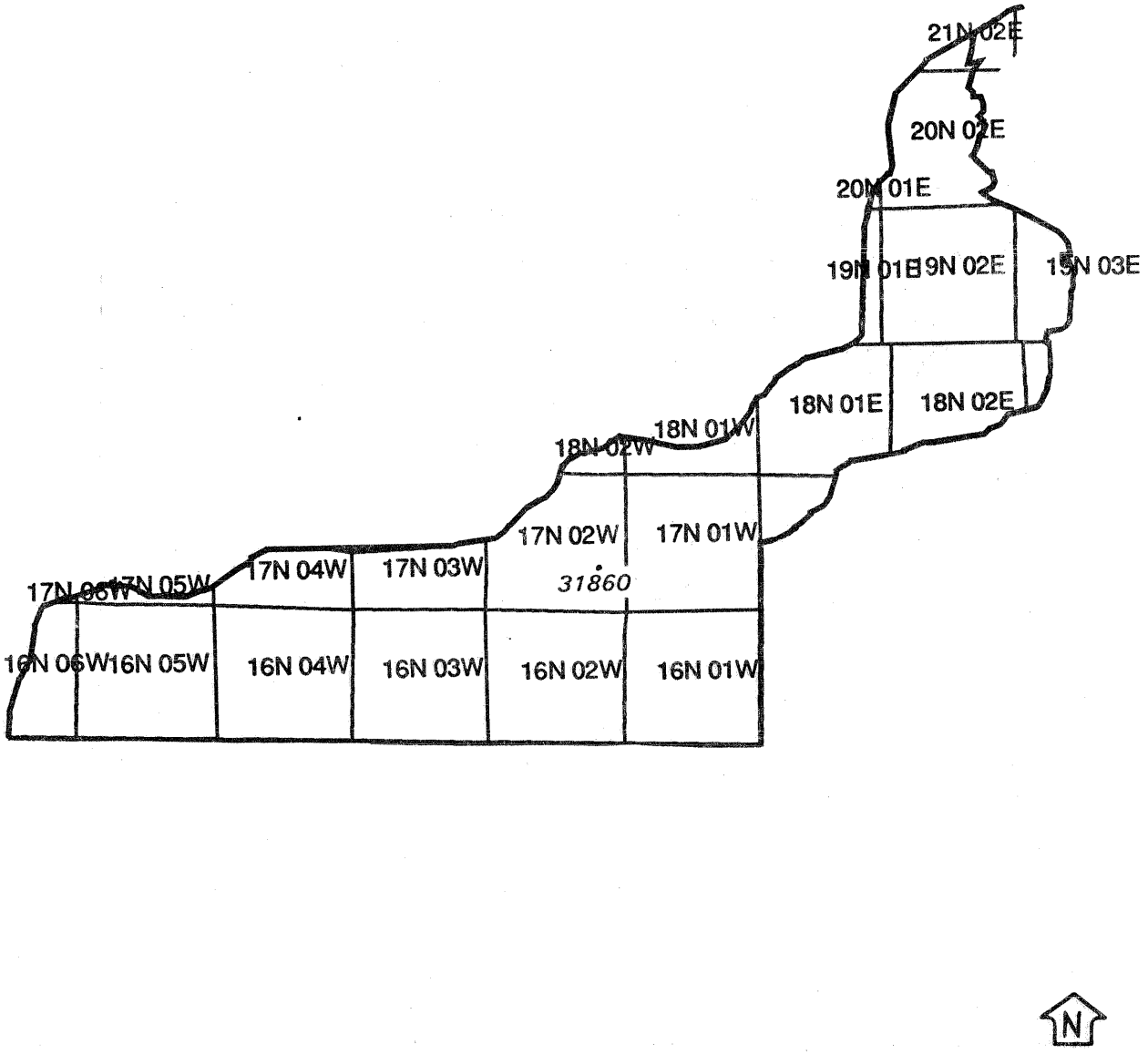
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY GROUNDWATER SECTION	PAGE

OGLE COUNTY



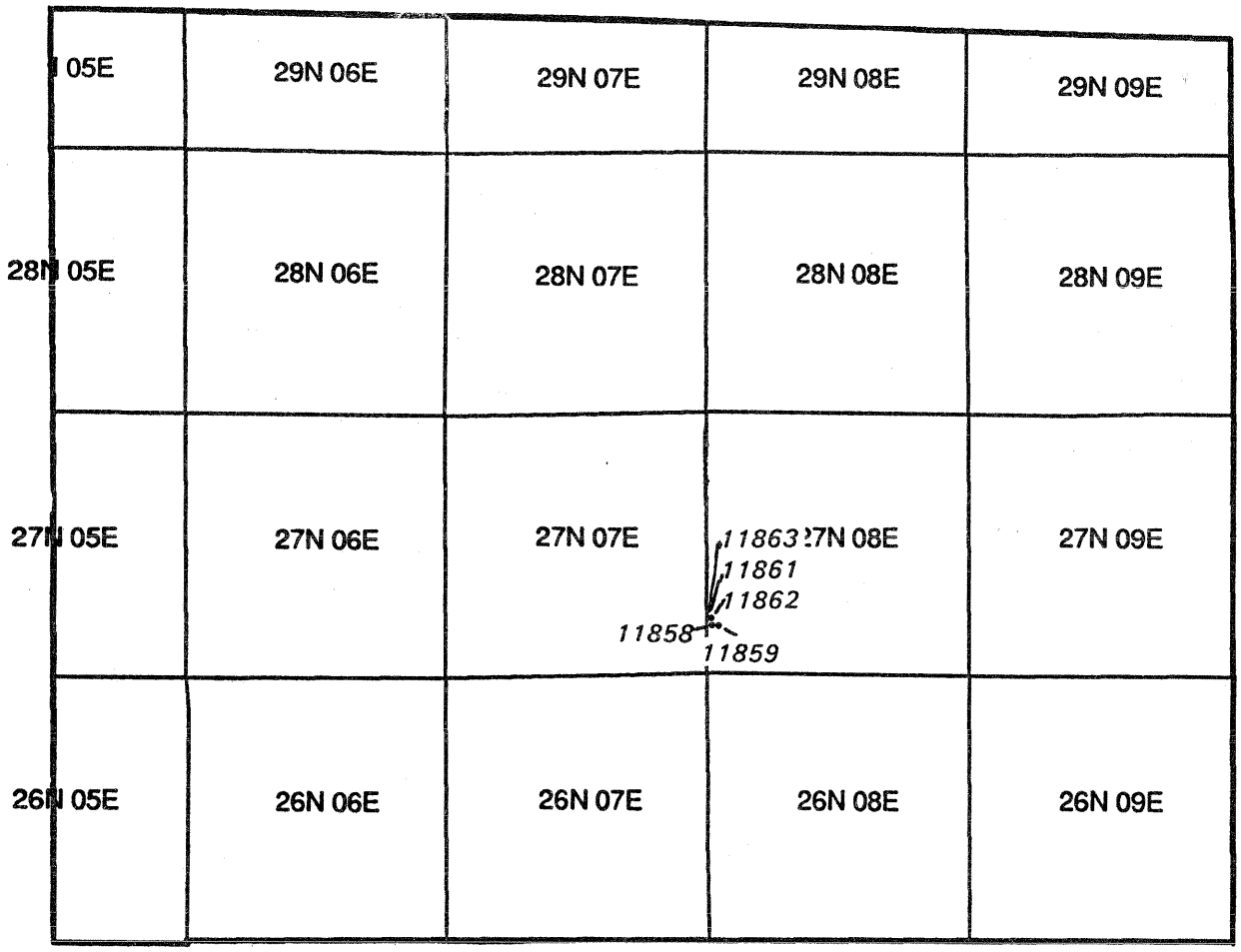
LOCATION OF COMMUNITY WATER SUPPLY WELL(S) WITH ORGANIC CHEMICAL CONTAMINATION	SCALE APPROX. 1:367000
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY GROUNDWATER SECTION	PAGE

ROCK ISLAND COUNTY



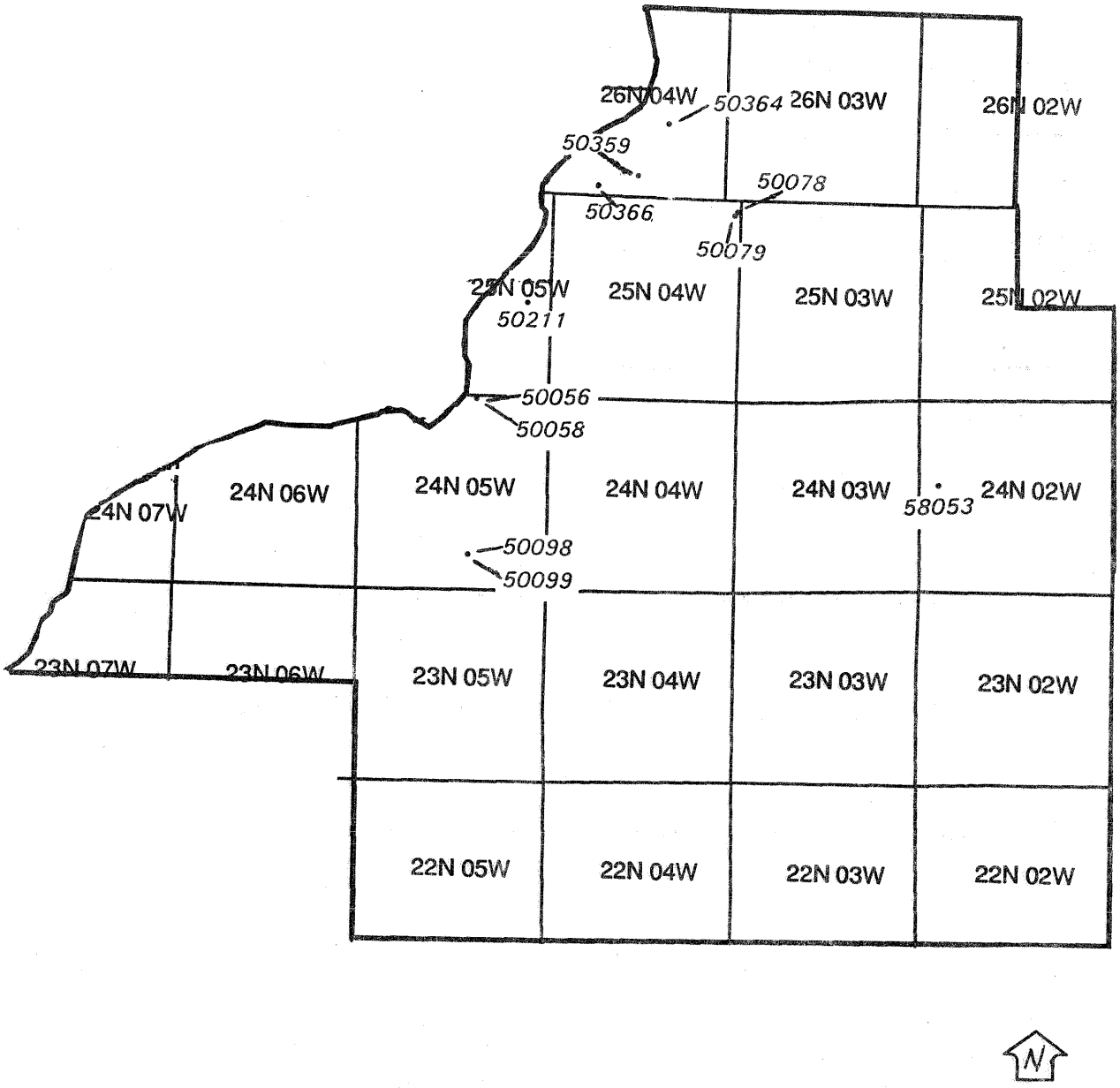
LOCATION OF COMMUNITY WATER SUPPLY WELL(S) WITH ORGANIC CHEMICAL CONTAMINATION	SCALE APPROX. 1:490000
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY GROUNDWATER SECTION	PAGE

STEPHENSON COUNTY



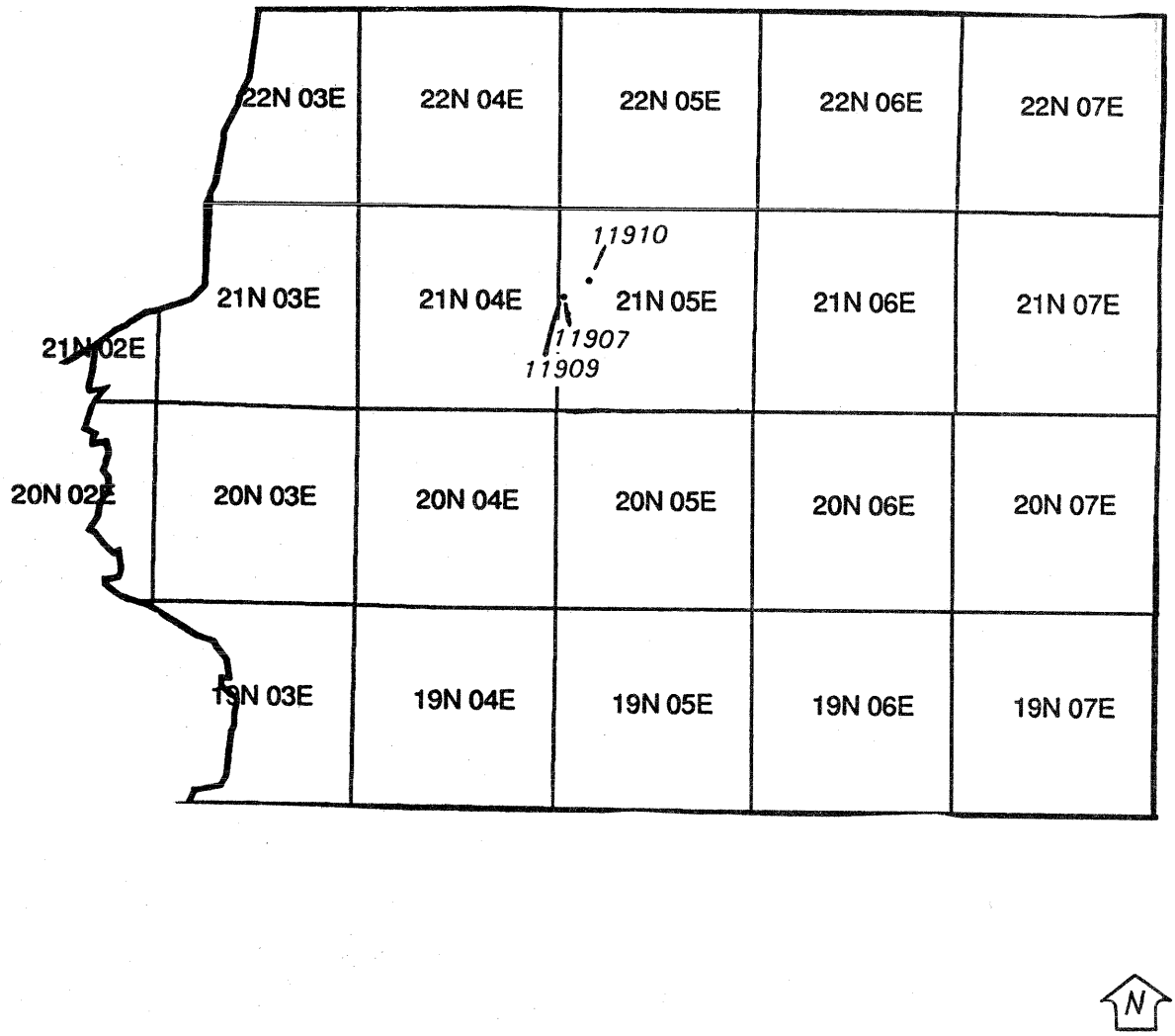
LOCATION OF COMMUNITY WATER SUPPLY WELL(S) WITH ORGANIC CHEMICAL CONTAMINATION	SCALE APPROX. 1:276000
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY GROUNDWATER SECTION	PAGE

TAZEWELL COUNTY



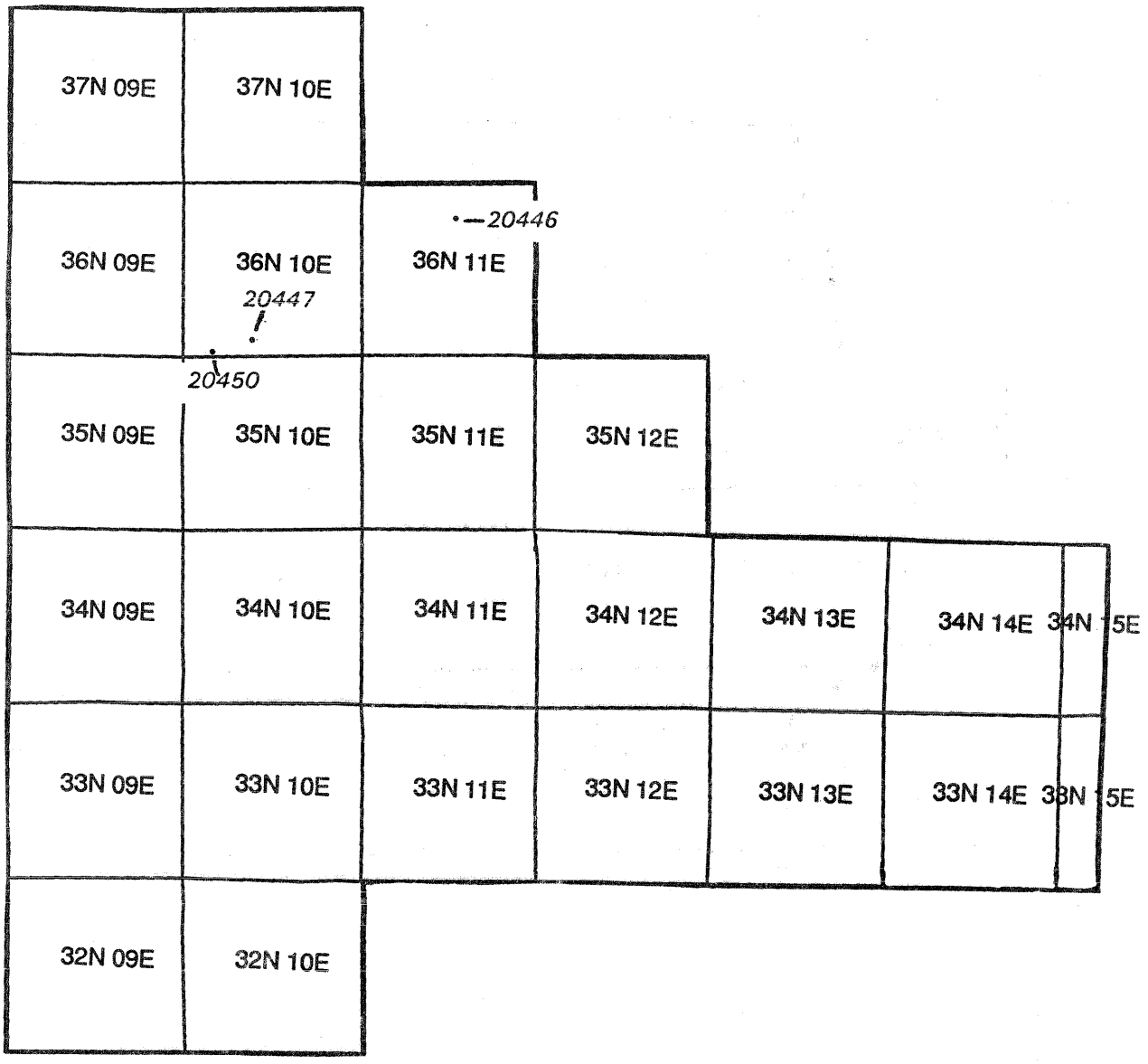
LOCATION OF COMMUNITY WATER SUPPLY WELL(S) WITH ORGANIC CHEMICAL CONTAMINATION	SCALE APPROX. 1:336000
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY GROUNDWATER SECTION	PAGE

WHITESIDE COUNTY



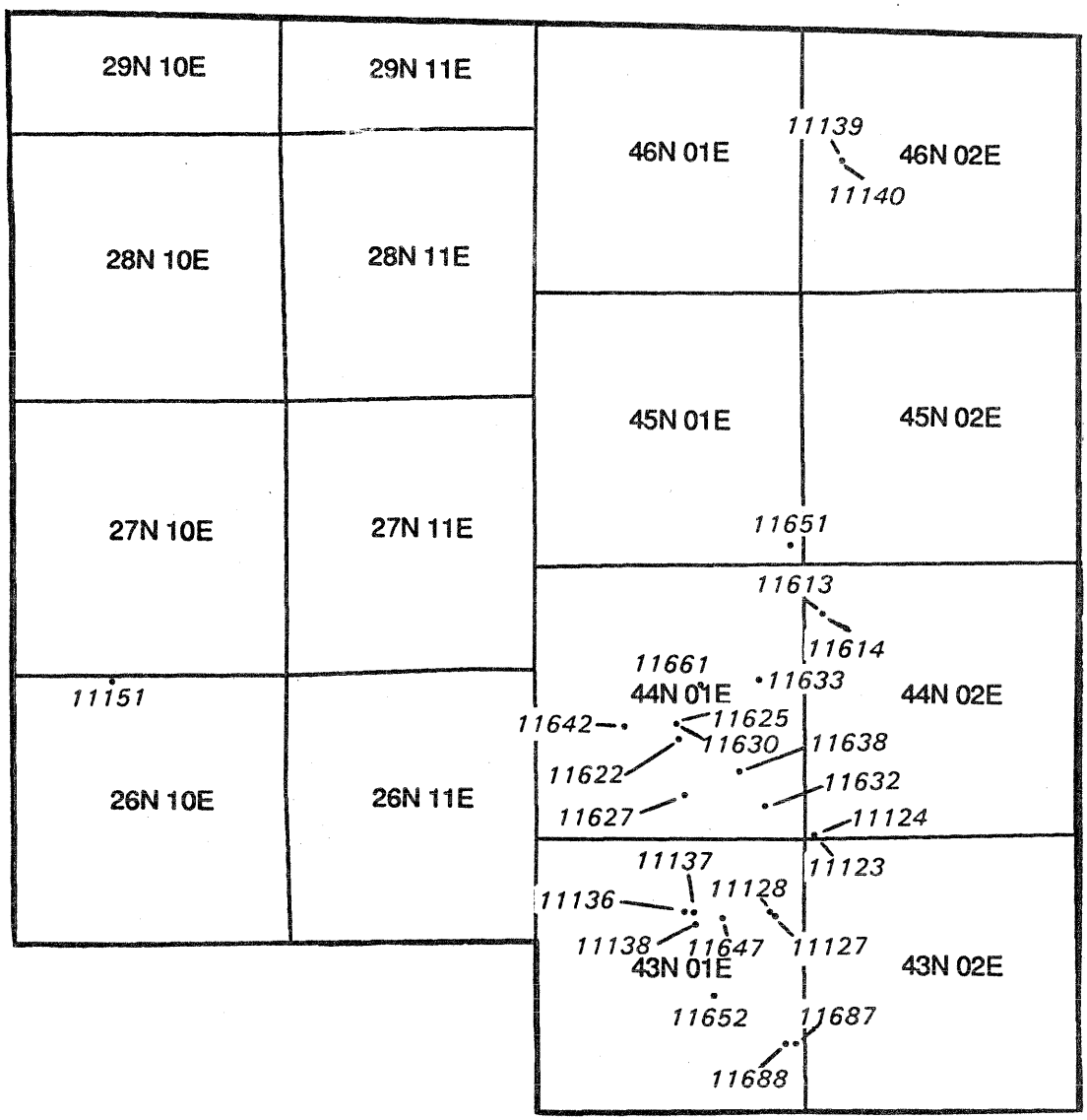
LOCATION OF COMMUNITY WATER SUPPLY WELL(S) WITH ORGANIC CHEMICAL CONTAMINATION	SCALE APPROX. 1:356200
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY GROUNDWATER SECTION	PAGE

WILL COUNTY



LOCATION OF COMMUNITY WATER SUPPLY WELL(S) WITH ORGANIC CHEMICAL CONTAMINATION	SCALE APPROX. 1:376400
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY GROUNDWATER SECTION	PAGE

WINNEBAGO COUNTY



LOCATION OF COMMUNITY WATER SUPPLY WELL(S) WITH ORGANIC CHEMICAL CONTAMINATION	SCALE APPROX. 1:262100
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