

Tier Level	Lake Code	Waterbody	County	Oversight Region	Sample Events	Volunteer Hours
3	RMJ	Apple Canyon	Jo Daviess	IEPA	10	85
3	RDO	Bloomington	McLean	IEPA	12	36
3	SDA	Evergreen	McLean	IEPA	11	33
3	REF	Springfield	Sangamon	IEPA	10	64
2	RCJ	Altamont New	Effingham	IEPA	12	46
2	RPJ	Bass	Lee	IEPA	12	10
2	WTK	Beaver Pond	DuPage	CMAP	2	5
2	SEB	Bird's Pond	Sangamon	IEPA	5	14.5
2	RPK	Black Oak	Lee	IEPA	12	6
2	RGJ	Butler	Lake	LCHD	3	10
2	RPV	Candlewick	Boone	IEPA	12	25
2	RNI	Carbondale	Jackson	GERPDC	12	24
2	RMQ	Carroll	Carroll	IEPA	7	35
2	RNE	Cedar	Jackson	GERPDC	12	112
2	RGR	Charles	DuPage	CMAP	13	38.5
2	VTZ	Charlotte	Kane	CMAP	11	33
2	RHJA	Chicago Botanic Garden	Cook	CMAP	1	3
2	REE	Dawson	McLean	IEPA	7	16
2	VTD	Deep	Lake	LCHD	10	31
2	RNJ	Devils Kitchen	Williamson	GERPDC	11	52
2	RGB	Diamond	Lake	LCHD	5	6
2	RGV	Druce	Lake	LCHD	9	15.5
2	RGZG	Forest	Lake	LCHD	12	24
2	RMM	Galena	Jo Daviess	IEPA	11	45
2	RNZD	Herrin New	Williamson	GERPDC	2	11
2	RTZP	Highland	Lake	LCHD	5	6.5
2	ROZA	Highland Silver	Madison	IEPA	2	10
2	STB	Highwood	McHenry	CMAP	2	4
2	RBO	Homer	Champaign	IEPA	11	26
2	RTZU	Honey	Lake	LCHD	9	25
2	RTZV	Killarney	McHenry	CMAP	12	47
2	RAL	Lake of Egypt	Williamson	GERPDC	11	110.5
2	REG	Lake of the Woods	Champaign	IEPA	10	24
2	VGI	Leopold	Lake	LCHD	12	14.5
2	RTJ	Long	Lake	LCHD	11	20.5
2	RHZK	Longmeadow	Cook	CMAP	3	2.5
2	RCF	Mattoon	Shelby	IEPA	4	32
2	RNZI	Miller	Jefferson	GERPDC	12	82.5
2	RGZD	Miltmore	Lake	LCHD	12	50
2	SDZW	Ossami	Tazewell	IEPA	1	4
2	RDF	Otter	MaCoupin	IEPA	11	44
2	RCG	Paradise	Coles	IEPA	4	32
2	RPZB	Pine	Lee	IEPA	12	6
2	RCE	Sara	Effingham	IEPA	10	62
2	RTW	Silver	McHenry	CMAP	12	59

Tier Level	Lake Code	Waterbody	County	Oversight Region	Sample Events	Volunteer Hours
2	RDR	Spring	McDonough	IEPA	12	84
2	RNZG	Spring Arbor	Jackson	GERPDC	12	12
2	UGV	Spring Ledge	Lake	LCHD	8	8
2	REZN	Sunset	Champaign	IEPA	10	23
2	RPL	Sunset	Lee	IEPA	12	6
2	UDH	Sunset	MaCoupin	IEPA	1	1
2	WGZY	Swan	Cook	CMAP	14	35.5
2	REC	Taylorville	Christian	IEPA	4	14.5
2	RGW	Third	Lake	LCHD	12	29
2	WTJ	Three Oaks North	McHenry	CMAP	7	23.5
2	WTG	Three Oaks South	McHenry	CMAP	7	23.5
2	RTZF	Tower	Lake	LCHD	11	28.5
2	REZL	Twin Oaks	Champaign	IEPA	9	13
2	RGZM	Valley	Lake	LCHD	12	18
2	RBD	Vermilion	Vermilion	IEPA	12	69
2	SGB	Virginia	Cook	CMAP	12	25.5
2	RPZK	Westlake Village	Winnebago	IEPA	10	47.5
2	RTZC	Wonder	McHenry	CMAP	8	17
2	RPM	Woodhaven	Lee	IEPA	12	12
2	RTZZ	Woods Creek	McHenry	CMAP	18	84.5
1	RTT	Antioch	Lake	LCHD	1	1
1	RTZT	Barrington	Lake	LCHD	12	34
1	RDW	Beaver	Grundy	IEPA	9	18
1	VTJ	Bluff	Lake	LCHD	10	13
1	SGI	Briarwood	Cook	CMAP	1	1.5
1	STJ	Campton	Kane	CMAP	2	4
1	RNZH	Campus	Jackson	GERPDC	2	6
1	VDE	Catatoga	Macoupin	IEPA	6	17
1	RTD	Catherine	Lake	LCHD	8	14
1	RTK	Cedar	Lake	LCHD	3	11.5
1	RTI	Channel	Lake	LCHD	4	12
1	SNA	Chautauqua	Jackson	GERPDC	12	12
1	RGQ	Countryside	Lake	LCHD	8	24
1	UTV	Cross	Lake	LCHD	3	9
1	VTZH	Crystal	McHenry	CMAP	7	23
1	VTH	Dunns	Lake	LCHD	10	10.5
1	RTM	East Loon	Lake	LCHD	3	12
1	VTT	Fischer	Lake	LCHD	10	35
1	WHC	Forest	Lake	LCHD	2	1
1	RGZC	Fourth	Lake	LCHD	12	40.5
1	RTF	Fox	Lake	LCHD	6	12.5
1	RLH	Fyre	Mercer	IEPA	6	6
1	RGI	Gages	Lake	LCHD	9	25
1	RJZK	Gamlin	St. Clair	IEPA	5	5
1	RGZW	Golfview	DuPage	CMAP	4	22

Tier Level	Lake Code	Waterbody	County	Oversight Region	Sample Events	Volunteer Hours
1	RTZS	Goose	McHenry	CMAP	10	40
1	ROP	Governor Bond	Bond	IEPA	2	2
1	RTQ	Grass	Lake	LCHD	3	2.5
1	RGK	Grays	Lake	LCHD	2	2
1	RTY	Griswold	McHenry	CMAP	2	10.5
1	RTZI	Island	Lake	LCHD	3	3
1	RDI	Jacksonville	Morgan	IEPA	11	32
1	RNU	Jaycee	Jefferson	GERPDC	3	2.5
1	WGZX	Joliet Jr. College	Will	CMAP	1	2
1	RNC	Kinkaid	Jackson	GERPDC	12	24.5
1	STM	La Fox Pond	Kane	CMAP	12	34.5
1	UTZ	Lake of the Hollow	Lake	LCHD	4	4
1	RGC	Linden	Lake	LCHD	5	6
1	STC	Little Silver	Lake	LCHD	12	12
1	RGU	Loch Lomond	Lake	LCHD	11	35.5
1	VTZJ	Louise	Lake	LCHD	4	8
1	RTR	Marie	Lake	LCHD	12	37
1	UTA	Matthews	Lake	LCHD	10	12
1	SDL	Mauvaise Terre	Morgan	IEPA	11	22
1	RTZD	McCullom	McHenry	CMAP	5	16
1	RGP	Minear	Lake	LCHD	10	10
1	RND	Murphysboro	Jackson	GERPDC	12	6
1	STO	Napa Suwe	Lake	LCHD	11	26
1	RTUA	Nippersink	Lake	LCHD	7	14
1	RBL	Paris Twin East	Edgar	IEPA	6	12
1	RBX	Paris Twin West	Edgar	IEPA	5	10
1	REL	Petersburg	Menard	IEPA	6	10.5
1	VTW	Petite	Lake	LCHD	6	12.5
1	RPC	Pierce	Winnebago	IEPA	7	21
1	RTU	Pistakee	Lake	LCHD	10	13.5
1	RTV	Redhead	Lake	LCHD	1	1.5
1	RPZI	Richardson Wildlife	Lee	IEPA	11	16
1	RTH	Round	Lake	LCHD	4	5
1	RGM	Sand	Lake	LCHD	3	3.5
1	RGZT	Spring	Lake	LCHD	1	1
1	RTZQ	Timber	Lake	LCHD	6	13
1	WGS	Waterford	Lake	LCHD	6	8
1	RJJ	Weslake	St. Clair	IEPA	5	5
1	RTZB	West Loon	Lake	LCHD	3	12
1	RTS	Zurich	Lake	LCHD	11	22

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Chicago Metropolitan Agency for Planning	CMAP	166	555
Greater Egypt Regional Planning and Development Commission	GERPDC	113	455
Illinois Environmental Protection Agency	IEPA	358	1102
Lake County Health Department	LCHD	377	805.5

Lake Code	Lake	County	Latitude	Longitude	Lake Acres	Watershed Acres	Max Depth (ft)	Ave Depth (ft)	Ownership	Public Access	Lake Type
RCJ	Altamont New	Effingham	39.031948	-88.714726	57	620	30	17	Public	Yes	Impoundment
RTT	Antioch	Lake	42.467781	-88.098059	85	125	9	5	Multiple	No	Impoundment
RMJ	Apple Canyon	Jo Daviess	42.417100	-90.164100	450	9,776	60	15	Private	No	Impoundment
RTZT	Barrington	Lake	42.221700	-88.147100	95	172	13	7	Private	No	Impoundment
RPJ	Bass	Lee	41.654400	-89.287300	26	1,895	14	7	Private	No	Impoundment
RDW	Beaver	Grundy	41.336800	-88.317300	80	19,276	21	3	Private	No	Quarry
WTK	Beaver Pond	DuPage	41.978370	-88.201090	9	10,136	8	4	Private	No	Pond
SEB	Bird's Pond	Sangamon	39.747067	-89.565557	3	10,743	16	9	Private	No	Pond
RPK	Black Oak	Lee	41.657500	-89.289500	6	2,240	8	4	Private	No	Pond
RDO	Bloomington	McLean	40.660567	-88.935553	635	14,344	35	14	Public	Yes	Impoundment
VTJ	Bluff	Lake	42.452226	-88.127781	86	15,603	31	18	Multiple	Yes	Glacial
SGI	Briarwood	Cook	42.033645	-87.967035	3	13,392	7.5	7	Private	No	Pond
RGJ	Butler	Lake	42.288337	-87.966948	55	3,919	9	4	Public	Yes	Impoundment
STJ	Campton	Kane	41.952936	-88.410869	32	3,850	9	3	Private	No	Impoundment
RNZH	Campus	Jackson	37.708892	-89.223059	40	384	17	8	Public	Yes	Impoundment
RPV	Candlewick	Boone	42.348700	-88.865700	200	2,100	30	15	Private	No	Impoundment
RNI	Carbondale	Jackson	37.698892	-89.223615	133	1,920	11	3	Public	Yes	Impoundment
RMQ	Carroll	Carroll	42.181900	-89.891000	640	13,800	65	20	Private	No	Impoundment
VDE	Catatoga	Macoupin	39.188010	-89.946460	48	19,445	52	10	Private	No	Impoundment
RTD	Catherine	Lake	42.485838	-88.128337	165	12,444	35	17	Multiple	Yes	Glacial
RNE	Cedar	Jackson	37.666115	-89.280560	1,800	19,330	45	23	Multiple	Yes	Impoundment
RTK	Cedar	Lake	42.419726	-88.090281	300	700	44	10	Multiple	No	Glacial
RTI	Channel	Lake	42.486392	-88.137503	337	12,444	36	14	Public	Yes	Glacial
RGR	Charles	DuPage	41.815560	-87.958059	16	450	20	9	Private	No	Pond
VTZ	Charlotte	Kane	41.915560	-88.370480	2	19,897	12	8	Private	No	Pond
SNA	Chautauqua	Jackson	37.726300	-89.302200	88	1,249	40	20	Private	No	Impoundment
RHJA	Chicago Botanic Garden	Cook	42.141504	-87.786226	40	19,348	18	7	Private	No	Impoundment
RGQ	Countryside	Lake	42.253006	-88.044047	140	900	10	6	Private	No	Impoundment
UTV	Cross	Lake	42.491583	-88.085749	89	12,444	34	17	Private	No	Glacial
VTZH	Crystal	McHenry	42.233436	-88.354408	230	3,072	46	14	Multiple	No	Glacial

Lake Code	Lake	County	Basin No.	Watershed Basin	Watershed's HUC-12	HUC-12 Watershed	HUC-12's Acreage
RCJ	Altamont New	Effingham	31	Little and Lower Wabash	051201140402	Big Creek	18,524
RTT	Antioch	Lake	3	Upper Fox	071200061009	Nippersink Lake - Fox River	15,603
RMJ	Apple Canyon	Jo Daviess	9	Mississippi North	070600050601	Canyon Lake	9,776
RTZT	Barrington	Lake	3	Upper Fox	071200061105	Cary Creek - Fox River	21,073
RPJ	Bass	Lee	8	Green	070900070201	Woodhaven Lake - Green River	21,880
RDW	Beaver	Grundy	11	Upper Illinois	071200050503	Spring Run - Mazon River	22,882
WTK	Beaver Pond	DuPage	3	Upper Fox	071200070101	Brewster Creek	10,136
SEB	Bird's Pond	Sangamon	20	Lower Sangamon	071300070802	Black Branch - South Fork Sangamon River	10,743
RPK	Black Oak	Lee	8	Green	070900070201	Woodhaven Lake - Green River	21,880
RDO	Bloomington	McLean	14	Mackinaw	071300040202	Lake Bloomington - Money Creek	14,344
VTJ	Bluff	Lake	3	Upper Fox	071200061009	Nippersink Lake - Fox River	15,603
SGI	Briarwood	Cook	2	Des Plaines	071200040504	Willow Creek	13,392
RGJ	Butler	Lake	2	Des Plaines	071200040302	Bull Creek - Des Plaines River	32,371
STJ	Campton	Kane	3	Upper Fox	071200070103	Ferson Creek	12,836
RNZH	Campus	Jackson	26	Big Muddy	071401060809	Little Crab Orchard Creek - Crab Orchard Creek	25,535
RPV	Candlewick	Boone	5	Kishwaukee	070900060402	Beaver Creek	28,542
RNI	Carbondale	Jackson	26	Big Muddy	071401060809	Little Crab Orchard Creek - Crab Orchard Creek	25,535
RMQ	Carroll	Carroll	9	Mississippi North	070600050801	East Fork Creek	14,418
VDE	Catatoga	Macoupin	18	Lower Illinois/Macoupin	071300120108	Dry Fork	19,445
RTD	Catherine	Lake	3	Upper Fox	071200061005	Channel Lake	12,444
RNE	Cedar	Jackson	26	Big Muddy	071401061203	Cedar Lake - Cedar Creek	22,129
RTK	Cedar	Lake	3	Upper Fox	071200061004	Sequoit Creek	7,895
RTI	Channel	Lake	3	Upper Fox	071200061005	Channel Lake	12,444
RGR	Charles	DuPage	2	Des Plaines	071200040404	Lower Salt Creek	29,268
VTZ	Charlotte	Kane	3	Upper Fox	071200070105	Mill Creek	19,897
SNA	Chautauqua	Jackson	26	Big Muddy	071401061201	Mud Creek - Big Muddy River	37,269
RHJA	Chicago Botanic Garden	Cook	1	Chicago/Calumet	071200030101	Skokie River	19,348
RGQ	Countryside	Lake	2	Des Plaines	071200040501	Indian Creek	24,544
UTV	Cross	Lake	3	Upper Fox	071200061005	Channel Lake	12,444
VTZH	Crystal	McHenry	3	Upper Fox	071200061201	Crystal Lake Outlet	17,495

Lake Code	Lake	County	Latitude	Longitude	Lake Acres	Watershed Acres	Max Depth (ft)	Ave Depth (ft)	Ownership	Public Access	Lake Type
REE	Dawson	McLean	40.403610	-88.722810	148	2,830	25	10	Public	Yes	Impoundment
VTD	Deep	Lake	42.428337	-88.066889	226	592	48	18	Multiple	Yes	Glacial
RNJ	Devils Kitchen	Williamson	37.641948	-89.105560	810	11,700	100	36	Public	Yes	Impoundment
RGB	Diamond	Lake	42.250230	-88.007290	154	400	25	9	Multiple	Yes	Glacial
RGV	Druce	Lake	42.366900	-88.005000	88	1,333	32	9	Multiple	No	Glacial
VTH	Dunns	Lake	42.426115	-88.186115	60	50	20	3	Multiple	Yes	Glacial
RTM	East Loon	Lake	42.453337	-88.073337	178	5,259	24	11	Multiple	Yes	Glacial
SDA	Evergreen	McLean	40.648770	-89.054650	700	25,600	48	17	Public	Yes	Impoundment
VTT	Fischer	Lake	42.358059	-88.157503	23	2,150	11	3	Multiple	Yes	Impoundment
WHC	Forest	Lake	42.283701	-87.916008	9	15,330	6	4	Private	No	Pond
RGZG	Forest	Lake	42.213038	-88.054505	40	430	9	5	Private	No	Impoundment
RGZC	Fourth	Lake	42.392098	-88.031469	305	840	6	3	Multiple	Yes	Glacial
RTF	Fox	Lake	42.405281	-88.166671	1,778	15,603	22	6	Multiple	Yes	Glacial
RLH	Fyre	Mercer	41.296000	-90.488400	150	1,082	38	20	Private	No	Impoundment
RGI	Gages	Lake	42.351380	-87.999440	143	1,280	52	8	Multiple	Yes	Glacial
RMM	Galena	Jo Daviess	42.400400	-90.349200	220	10,340	60	20	Multiple	No	Impoundment
RJZK	Gamlin	St. Clair	38.598500	-90.019600	3	26	8	7	Private	No	Pond
RGZW	Golfview	DuPage	41.784448	-87.942505	34	385	5	3	Multiple	No	Impoundment
RTZS	Goose	McHenry	42.179900	-88.311600	11	6,200	16	7	Public	Yes	Pond-Quarry
ROP	Governor Bond	Bond	38.925940	-89.399040	775	22,080	25	13	Public	Yes	Impoundment
RTQ	Grass	Lake	42.430559	-88.163337	1,360	15,603	5	3	Multiple	Yes	Glacial
RGK	Grays	Lake	42.342200	-88.048000	80	400	18	7	Public	Yes	Glacial
RTY	Griswold	McHenry	42.290003	-88.213892	141	5,400	12	7	Private	No	Glacial
RNZD	Herrin New	Williamson	37.763059	-89.035559	51	1,140	14	5	Public	Yes	Impoundment
RTZP	Highland	Lake	42.361115	-88.061671	102	320	35	11	Private	No	Glacial
ROZA	Highland Silver	Madison	38.766010	-89.698390	600	17,819	20	12	Public	Yes	Impoundment
STB	Highwood	McHenry	42.289840	-88.205560	8	34,297	16	10	Private	No	Pond
RBO	Homer	Champaign	40.060210	-87.984840	102	9,280	21	11	Public	Yes	Impoundment
RTZU	Honey	Lake	42.200600	-88.130100	66	590	19	9	Private	No	Glacial
RTZI	Island	Lake	42.275281	-88.200838	76	6,972	9	5	Public	Yes	Impoundment

Lake Code	Lake	County	Basin No.	Watershed Basin	Watershed's HUC-12	HUC-12 Watershed	HUC-12's Acreage
REE	Dawson	McLean	22	Salt Creek	071300090202	Dawson Lake - North Fork Salt Creek	23,716
VTD	Deep	Lake	3	Upper Fox	071200061004	Sequoit Creek	7,895
RNJ	Devils Kitchen	Williamson	26	Big Muddy	071401060804	Grassy Creek	18,923
RGB	Diamond	Lake	2	Des Plaines	071200040501	Indian Creek	24,544
RGV	Druce	Lake	2	Des Plaines	071200040202	Mill Creek	19,345
VTH	Dunns	Lake	3	Upper Fox	071200061009	Nippersink Lake - Fox River	15,603
RTM	East Loon	Lake	3	Upper Fox	071200061004	Sequoit Creek	7,895
SDA	Evergreen	McLean	14	Mackinaw	071300040502	Evergreen Lake - Sixmile Creek	27,169
VTT	Fischer	Lake	3	Upper Fox	071200061008	Squaw Creek	19,586
WHC	Forest	Lake	1	Chicago/Calumet	071200030102	Upper North Branch Chicago River	15,330
RGZG	Forest	Lake	2	Des Plaines	071200040501	Indian Creek	24,544
RGZC	Fourth	Lake	2	Des Plaines	071200040202	Mill Creek	19,345
RTF	Fox	Lake	3	Upper Fox	071200061009	Nippersink Lake - Fox River	15,603
RLH	Fyre	Mercer	16	Mississippi North Central	070801040202	Fyre Lake - Camp Creek	20,640
RGI	Gages	Lake	2	Des Plaines	071200040202	Mill Creek	19,345
RMM	Galena	Jo Daviess	9	Mississippi North	070600050401	Headwaters Smallpox Creek	10,570
RJZK	Gamlin	St. Clair	27	Mississippi South Central	071401010502	Schoenberger Creek	15,901
RGZW	Golfview	DuPage	2	Des Plaines	071200040701	Flag Creek	12,120
RTZS	Goose	McHenry	3	Upper Fox	071200061201	Crystal Lake Outlet	17,495
ROP	Governor Bond	Bond	24	Middle Kaskaskia/Shoal	071402030306	Kingsbury Branch	23,123
RTQ	Grass	Lake	3	Upper Fox	071200061009	Nippersink Lake - Fox River	15,603
RGK	Grays	Lake	3	Upper Fox	071200061008	Squaw Creek	19,599
RTY	Griswold	McHenry	3	Upper Fox	071200061102	Griswold Lake - Fox River	34,297
RNZD	Herrin New	Williamson	26	Big Muddy	071401060705	Hurricane Creek	16,589
RTZP	Highland	Lake	3	Upper Fox	071200061008	Squaw Creek	19,599
ROZA	Highland Silver	Madison	25	Lower Kaskaskia	071402040402	Highland Silver Lake - East Fork Silver Creek	17,819
STB	Highwood	McHenry	3	Upper Fox	071200061102	Griswold Lake - Fox River	34,297
RBO	Homer	Champaign	29	Vermilion (Wabash Basin)	051201090601	Conkey Branch - Salt Fork	23,990
RTZU	Honey	Lake	3	Upper Fox	071200061104	Flint Creek	23,929
RTZI	Island	Lake	3	Upper Fox	071200061103	Cotton Creek	13,969

Lake Code	Lake	County	Latitude	Longitude	Lake Acres	Watershed Acres	Max Depth (ft)	Ave Depth (ft)	Ownership	Public Access	Lake Type
RDI	Jacksonville	Morgan	39.672503	-90.212226	477	6,880	36	13	Public	Yes	Impoundment
RNU	Jaycee	Jefferson	38.370281	-88.898617	115	1,670	21	20	Public	Yes	Impoundment
WGZX	Joliet Jr. College	Will	41.500900	-88.185000	11	300	10	6	Public	Yes	Pond-Glacial
RTZV	Killarney	McHenry	42.239450	-88.257290	80	1,500	22	6	Private	No	Glacial
RNC	Kinkaid	Jackson	37.778836	-89.449500	2,750	25,698	89	29	Multiple	Yes	Impoundment
STM	La Fox Pond	Kane	41.871560	-88.436560	4	28,357	10	7	Private	No	Pond
RAL	Lake of Egypt	Williamson	37.620837	-88.943338	3,500	18,540	45	19	Public	Yes	Impoundment
UTZ	Lake of the Hollow	Lake	42.365562	-88.183950	75	1,008	15	7.5	Private	No	Glacial
REG	Lake of the Woods	Champaign	40.200559	-88.381671	23	612	22	10	Public	Yes	Impoundment
VGI	Leopold	Lake	42.327082	-88.011318	28	1,439	16	5	Private	No	Impoundment
RGC	Linden	Lake	42.420837	-88.028338	31	80	11	5	Multiple	Yes	Impoundment
STC	Little Silver	Lake	42.473400	-88.074800	45	639	25	18	Multiple	No	Glacial
RGU	Loch Lomond	Lake	42.280600	-88.005100	75	1,439	8	5	Private	No	Impoundment
RTJ	Long	Lake	42.377781	-88.126115	393	19,599	30	13	Multiple	No	Glacial
RHZK	Longmeadow	Cook	42.086309	-87.752877	2	19,348	18	5	Multiple	No	Pond
VTZJ	Louise	Lake	42.160255	-88.114906	38	17,664	10	5	Private	No	Impoundment
RTR	Marie	Lake	42.462781	-88.134448	480	15,603	39	20	Multiple	Yes	Glacial
UTA	Matthews	Lake	42.369620	-88.193796	9	9,837	5	3	Multiple	Yes	Pond
RCF	Mattoon	Shelby	39.334730	-88.482480	765	18,206	35	10	Public	Yes	Impoundment
SDL	Mauvaise Terre	Morgan	39.720003	-90.214448	172	20,851	8	5	Public	Yes	Impoundment
RTZD	McCullom	McHenry	42.357059	-88.298087	244	645	9	4	Multiple	Yes	Glacial
RNZI	Miller	Jefferson	38.396656	-88.892390	131	2,976	22	13	Private	No	Impoundment
RGZD	Miltmore	Lake	42.396110	-88.041667	84	94	21	10	Multiple	No	Glacial
RGP	Minear	Lake	42.290317	-87.941458	75	85	23	10	Multiple	Yes	Quarry
RND	Murphysboro	Jackson	37.773615	-89.380559	145	1,722	32	14	Public	Yes	Impoundment
STO	Napa Suwe	Lake	42.287042	-88.124777	61	960	5	3	Multiple	No	Glacial
RTUA	Nippersink	Lake	42.413060	-88.180559	420	15,603	8	3	Multiple	Yes	Glacial
SDZW	Ossami	Tazewell	40.635586	-89.468316	5	24,971	9	4	Private	No	Pond
RDF	Otter	MaCoupin	39.408900	-89.911990	760	12,992	80	21	Public	Yes	Impoundment
RCG	Paradise	Coles	39.413120	-88.439630	166	11,580	23	9	Public	Yes	Impoundment

Lake Code	Lake	County	Basin No.	Watershed Basin	Watershed's HUC-12	HUC-12 Watershed	HUC-12's Acreage
RDI	Jacksonville	Morgan	18	Lower Illinois/Macoupin	071300110501	Lake Jacksonville - Big Sandy Creek	20,011
RNU	Jaycee	Jefferson	26	Big Muddy	071401060101	Limestone Creek - Casey Fork	20,549
WGZX	Joliet Jr. College	Will	2	Des Plaines	071200040809	Rock Run - Illinois & Michigan Canal	15,066
RTZV	Killarney	McHenry	3	Upper Fox	071200061105	Cary Creek - Fox River	21,073
RNC	Kinkaid	Jackson	26	Big Muddy	071401061102	Kinkaid Lake - Kinkaid Creek	25,698
STM	La Fox Pond	Kane	3	Upper Fox	071200070201	Lake Run - Blackberry Creek	28,357
RAL	Lake of Egypt	Williamson	32	Saline	051402040101	Lake of Egypt	21,766
UTZ	Lake of the Hollow	Lake	3	Upper Fox	071200061010	Pistakee Lake - Fox River	9,837
REG	Lake of the Woods	Champaign	21	Upper Sangamon	071300060204	Lake of the Woods - Sangamon River	23,691
VGI	Leopold	Lake	2	Des Plaines	071200040302	Bull Creek - Des Plaines River	32,371
RGC	Linden	Lake	2	Des Plaines	071200040201	North Mill Creek	23,188
STC	Little Silver	Lake	3	Upper Fox	071200061004	Sequoit Creek	7,895
RGU	Loch Lomond	Lake	2	Des Plaines	071200040302	Bull Creek - Des Plaines River	32,371
RTJ	Long	Lake	3	Upper Fox	071200061008	Squaw Creek	19,599
RHZK	Longmeadow	Cook	1	Chicago/Calumet	071200030101	Skokie River	19,348
VTZJ	Louise	Lake	3	Upper Fox	071200061104	Flint Creek	23,929
RTR	Marie	Lake	3	Upper Fox	071200061009	Nippersink Lake - Fox River	15,603
UTA	Matthews	Lake	3	Upper Fox	071200061010	Pistakee Lake - Fox River	9,837
RCF	Mattoon	Shelby	31	Little and Lower Wabash	051201140102	Bush Creek - Little Wabash River	18,206
SDL	Mauvaise Terre	Morgan	18	Lower Illinois/Macoupin	071300110402	Upper Mauvaise Terre Creek	27,465
RTZD	McCullom	McHenry	3	Upper Fox	071200061102	Griswold Lake - Fox River	34,297
RNZI	Miller	Jefferson	26	Big Muddy	071401060101	Limestone Creek - Casey Fork	20,549
RGZD	Miltmore	Lake	2	Des Plaines	071200040202	Mill Creek	19,345
RGP	Minear	Lake	2	Des Plaines	071200040302	Bull Creek - Des Plaines River	32,371
RND	Murphysboro	Jackson	26	Big Muddy	071401061201	Mud Creek - Big Muddy River	37,269
STO	Napa Suwe	Lake	3	Upper Fox	071200061103	Cotton Creek	13,969
RTUA	Nippersink	Lake	3	Upper Fox	071200061009	Nippersink Lake - Fox River	15,603
SDZW	Ossami	Tazewell	11	Upper Illinois	071300011601	Ackerman Creek - Farm Creek	24,971
RDF	Otter	MaCoupin	18	Lower Illinois/Macoupin	071300120202	Otter Lake - Otter Creek	13,033
RCG	Paradise	Coles	31	Little and Lower Wabash	051201140101	Lake Paradise - Little Wabash River	17,664

Lake Code	Lake	County	Latitude	Longitude	Lake Acres	Watershed Acres	Max Depth (ft)	Ave Depth (ft)	Ownership	Public Access	Lake Type
RBL	Paris Twin East	Edgar	39.630220	-87.677710	163	12,800	27	10	Public	Yes	Impoundment
RBX	Paris Twin West	Edgar	39.635930	-87.694100	25	11,264	9	3	Public	Yes	Impoundment
REL	Petersburg	Menard	39.988600	-89.850100	191	1,460	65	24	Private	No	Impoundment
VTW	Petite	Lake	42.429448	-88.131948	167	15,603	19	10	Multiple	Yes	Glacial
RPC	Pierce	Winnebago	42.345330	-88.985100	162	8,150	36	12	Public	Yes	Impoundment
RPZB	Pine	Lee	41.651800	-89.309500	3	352	20	11	Private	No	Pond
RTU	Pistakee	Lake	42.381670	-88.199449	2,048	9,837	30	6	Multiple	Yes	Glacial
RTV	Redhead	Lake	42.371670	-88.180281	51	9,837	4.5	2	Multiple	Yes	Glacial
RPZI	Richardson Wildlife	Lee	41.715388	-89.188098	12	40	9	6	Public	Yes	Pond
RTH	Round	Lake	42.361671	-88.076671	229	1,602	32	8	Multiple	Yes	Glacial
RGM	Sand	Lake	42.412503	-88.043337	115	229	33	10	Multiple	Yes	Glacial
RCE	Sara	Effingham	39.126200	-88.618670	586	7,560	53	20	Public	Yes	Impoundment
RTW	Silver	McHenry	42.246650	-88.247460	42	1,600	18	9	Public	Yes	Impoundment
RGZT	Spring	Lake	42.445100	-88.126100	535	15,603	23	4	Multiple	Yes	Glacial
RDR	Spring	McDonough	40.506660	-90.717570	5	12,928	20	10	Public	Yes	Pond
RNZG	Spring Arbor	Jackson	37.650281	-89.168893	100	500	48	12	Private	No	Impoundment
UGV	Spring Ledge	Lake	42.423260	-88.020624	3	23,188	9	8	Multiple	Yes	Pond
REF	Springfield	Sangamon	39.756115	-89.593616	4,200	21,703	26	13	Public	Yes	Impoundment
REZN	Sunset	Champaign	40.181900	-88.423200	89	393	60	19	Public	Yes	Quarry
RPL	Sunset	Lee	41.647900	-89.293700	7	300	10	6	Private	No	Pond
UDH	Sunset	MaCoupin	39.436400	-89.855400	149	2,800	37	12	Multiple	No	Impoundment
WGZY	Swan	Cook	41.832781	-87.840005	4	15	13	7	Public	Yes	Pond
REC	Taylorville	Christian	39.529448	-89.255838	1,148	29,130	30	7	Public	Yes	Impoundment
RGW	Third	Lake	42.370837	-88.014448	157	7,680	70	19	Public	Yes	Glacial
WTJ	Three Oaks North	McHenry	42.223601	-88.302678	33	17,495	40	23	Public	Yes	Quarry
WTG	Three Oaks South	McHenry	42.215852	-88.305410	282	17,495	41	19	Public	Yes	Quarry
RTZQ	Timber	Lake	42.240281	-88.127503	32	450	15	8	Private	No	Glacial
RTZF	Tower	Lake	42.228185	-88.152374	69	1,500	8	5	Private	No	Impoundment
REZL	Twin Oaks	Champaign	40.213760	-88.375433	9	195	5	3	Private	No	Pond
RGZM	Valley	Lake	42.349920	-87.982673	12	117	10	5	Multiple	Yes	Pond

Lake Code	Lake	County	Basin No.	Watershed Basin	Watershed's HUC-12	HUC-12 Watershed	HUC-12's Acreage
RBL	Paris Twin East	Edgar	30	Embarras/Middle Wabash	051201110501	Twin Lakes - Sugar Creek	14,359
RBX	Paris Twin West	Edgar	30	Embarras/Middle Wabash	051201110501	Twin Lakes - Sugar Creek	14,359
REL	Petersburg	Menard	20	Lower Sangamon	071300080406	Town Branch - Sangamon River	26,581
VTW	Petite	Lake	3	Upper Fox	071200061009	Nippersink Lake - Fox River	15,603
RPC	Pierce	Winnebago	6	Rock	070900050105	Willow Creek	14,670
RPZB	Pine	Lee	8	Green	070900070201	Woodhaven Lake - Green River	21,880
RTU	Pistakee	Lake	3	Upper Fox	071200061010	Pistakee Lake - Fox River	9,837
RTV	Redhead	Lake	3	Upper Fox	071200061010	Pistakee Lake - Fox River	9,837
RPZI	Richardson Wildlife	Lee	8	Green	070900070104	Town of Viola	20,844
RTH	Round	Lake	3	Upper Fox	071200061008	Squaw Creek	19,599
RGM	Sand	Lake	2	Des Plaines	071200040202	Mill Creek	19,345
RCE	Sara	Effingham	31	Little and Lower Wabash	051201140108	Lake Sara - Blue Point Creek	7,862
RTW	Silver	McHenry	3	Upper Fox	071200061105	Cary Creek - Fox River	21,073
RGZT	Spring	Lake	3	Upper Fox	071200061009	Nippersink Lake - Fox River	15,603
RDR	Spring	McDonough	17	La Moine	071300100304	Spring Lake - Spring Creek	17,628
RNZG	Spring Arbor	Jackson	26	Big Muddy	071401060808	Indian Creek - Drury Creek	20,537
UGV	Spring Ledge	Lake	2	Des Plaines	071200040201	North Mill Creek	23,188
REF	Springfield	Sangamon	20	Lower Sangamon	071300070707	Lake Springfield - Sugar Creek	21,703
REZN	Sunset	Champaign	21	Upper Sangamon	071300060206	Spring Lake - Sangamon River	30,740
RPL	Sunset	Lee	8	Green	070900070201	Woodhaven Lake - Green River	21,880
UDH	Sunset	MaCoupin	18	Lower Illinois/Macoupin	071300120201	East Fork Otter Creek	20,551
WGZY	Swan	Cook	2	Des Plaines	071200040404	Lower Salt Creek	29,268
REC	Taylorville	Christian	20	Lower Sangamon	071300070203	Locust Creek	29,130
RGW	Third	Lake	2	Des Plaines	071200040202	Mill Creek	19,345
WTJ	Three Oaks North	McHenry	3	Upper Fox	071200061201	Crystal Lake Outlet	17,495
WTG	Three Oaks South	McHenry	3	Upper Fox	071200061201	Crystal Lake Outlet	17,495
RTZQ	Timber	Lake	3	Upper Fox	071200061105	Cary Creek - Fox River	21,073
RTZF	Tower	Lake	3	Upper Fox	071200061105	Cary Creek - Fox River	21,073
REZL	Twin Oaks	Champaign	21	Upper Sangamon	071300060204	Lake of the Woods - Sangamon River	23,691
RGZM	Valley	Lake	2	Des Plaines	071200040302	Bull Creek - Des Plaines River	32,371

Lake Code	Lake	County	Latitude	Longitude	Lake Acres	Watershed Acres	Max Depth (ft)	Ave Depth (ft)	Ownership	Public Access	Lake Type
RBD	Vermilion	Vermilion	40.157400	-87.649100	608	17,656	27	8	Multiple	Yes	Impoundment
SGB	Virginia	Cook	42.146100	-87.945000	6	50	65	35	Private	No	Pond
WGS	Waterford	Lake	42.427200	-88.026400	67	100	13	6	Multiple	Yes	Impoundment
RJJ	Weslake	St. Clair	38.595600	-90.029200	12	15,901	25	15	Private	No	Pond
RTZB	West Loon	Lake	42.452781	-88.083338	168	3,760	40	16	Private	No	Glacial
RPZK	Westlake Village	Winnebago	42.316337	-89.284705	82	11,061	16	8	Private	No	Impoundment
RTZC	Wonder	McHenry	42.375005	-88.354727	830	7,676	12	5	Private	No	Impoundment
RPM	Woodhaven	Lee	41.656600	-89.306100	27	630	30	9	Private	No	Impoundment
RTZZ	Woods Creek	McHenry	42.180490	-88.318880	56	6,190	26	16	Public	Yes	Impoundment
RTS	Zurich	Lake	42.195003	-88.098337	250	1,240	32	11	Multiple	Yes	Glacial

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Lake Code	Lake	County	Basin No.	Watershed Basin	Watershed's HUC-12	HUC-12 Watershed	HUC-12's Acreage
RBD	Vermilion	Vermilion	29	Vermilion (Wabash Basin)	051201090806	Lake Vermilion - North Fork Vermilion River	17,656
SGB	Virginia	Cook	2	Des Plaines	071200040502	Wheeling Drainage Ditch	19,158
WGS	Waterford	Lake	2	Des Plaines	071200040201	North Mill Creek	23,188
RJJ	Weslake	St. Clair	27	Mississippi South Central	071401010502	Schoenberger Creek	15,901
RTZB	West Loon	Lake	3	Upper Fox	071200061004	Sequoit Creek	7,895
RPZK	Westlake Village	Winnebago	7	Pecatonica	070900031601	Coolidge Creek	11,061
RTZC	Wonder	McHenry	3	Upper Fox	071200060905	Wonder Lake - Nippersink Creek	7,676
RPM	Woodhaven	Lee	8	Green	070900070201	Woodhaven Lake - Green River	21,880
RTZZ	Woods Creek	McHenry	3	Upper Fox	071200061201	Crystal Lake Outlet	17,495
RTS	Zurich	Lake	3	Upper Fox	071200061104	Flint Creek	23,929

Watershed's HUC-12	Data Points	HUC-12 Watershed	HUC-12's Acreage	Watershed's HUC-12	Data Points	HUC-12 Watershed	HUC-12's Acreage
051201090601	1	Conkey Branch - Salt Fork	23,990	071200061103	2	Cotton Creek	13,969
051201090806	1	Lake Vermilion - North Fork Vermilion River	17,656	071200061104	3	Flint Creek	23,929
051201110501	2	Twin Lakes - Sugar Creek	14,359	071200061105	5	Cary Creek - Fox River	21,073
051201140101	1	Lake Paradise - Little Wabash River	17,664	071200061201	5	Crystal Lake Outlet	17,495
051201140102	1	Bush Creek - Little Wabash River	18,206	071200070101	1	Brewster Creek	10,136
051201140108	1	Lake Sara - Blue Point Creek	7,862	071200070103	1	Ferson Creek	12,836
051201140402	1	Big Creek	18,524	071200070105	1	Mill Creek	19,897
051402040101	1	Lake of Egypt	21,766	071200070201	1	Lake Run - Blackberry Creek	28,357
070600050401	1	Headwaters Smallpox Creek	10,570	071300011601	1	Ackerman Creek - Farm Creek	24,971
070600050601	1	Canyon Lake	9,776	071300040202	1	Lake Bloomington - Money Creek	14,344
070600050801	1	East Fork Creek	14,418	071300040502	1	Evergreen Lake - Sixmile Creek	27,169
070801040202	1	Fyre Lake - Camp Creek	20,640	071300060204	2	Lake of the Woods - Sangamon River	23,691
070900031601	1	Coolidge Creek	11,061	071300060206	1	Spring Lake - Sangamon River	30,740
070900050105	1	Willow Creek	14,670	071300070203	1	Locust Creek	29,130
070900060402	1	Beaver Creek	28,542	071300070707	1	Lake Springfield - Sugar Creek	21,703
070900070104	1	Town of Viola	20,844	071300070802	1	Black Branch - South Fork Sangamon River	10,743
070900070201	5	Woodhaven Lake - Green River	21,880	071300080406	1	Town Branch - Sangamon River	26,581
071200030101	2	Skokie River	19,348	071300090202	1	Dawson Lake - North Fork Salt Creek	23,716
071200030102	1	Upper North Branch Chicago River	15,330	071300100304	1	Spring Lake - Spring Creek	17,628
071200040201	3	North Mill Creek	23,188	071300110402	1	Upper Mauvaise Terre Creek	27,465
071200040202	6	Mill Creek	19,345	071300110501	1	Lake Jacksonville - Big Sandy Creek	20,011
071200040302	5	Bull Creek - Des Plaines River	32,371	071300120108	1	Dry Fork	19,445
071200040404	2	Lower Salt Creek	29,268	071300120201	1	East Fork Otter Creek	20,551
071200040501	3	Indian Creek	24,544	071300120202	1	Otter Lake - Otter Creek	13,033
071200040502	1	Wheeling Drainage Ditch	19,158	071401010502	2	Schoenberger Creek	15,901
071200040504	1	Willow Creek	13,392	071401060101	2	Limestone Creek - Casey Fork	20,549
071200040701	1	Flag Creek	12,120	071401060705	1	Hurricane Creek	16,589
071200040809	1	Rock Run - Illinois & Michigan Canal	15,066	071401060804	1	Grassy Creek	18,923
071200050503	1	Spring Run - Mazon River	22,882	071401060808	1	Indian Creek - Drury Creek	20,537
071200060905	1	Wonder Lake - Nippersink Creek	7,676	071401060809	2	Little Crab Orchard Creek - Crab Orchard Creek	25,535
071200061004	5	Sequoit Creek	7,895	071401061102	1	Kinkaid Lake - Kinkaid Creek	25,698
071200061005	3	Channel Lake	12,444	071401061201	2	Mud Creek - Big Muddy River	37,269
071200061008	5	Squaw Creek	19,599	071401061203	1	Cedar Lake - Cedar Creek	22,129
071200061009	9	Nippersink Lake - Fox River	15,603	071402030306	1	Kingsbury Branch	23,123
071200061010	4	Pistakee Lake - Fox River	9,837	071402040402	1	Highland Silver Lake - East Fork Silver Creek	17,819
071200061102	3	Griswold Lake - Fox River	34,297	Total Data Pts	130	Total Acreage	1,388,476

 Top three watersheds for volunteer lake coverage. Third place is a six-way tie.

Transparency Rank	Lake Code	Waterbody	County	Data Points	Transparency (inch)	Transparency (m)	TSI ^{SD}
1	VTD	Deep	Lake	24	257	6.528	33.0
2	SGB	Virginia	Cook	18	223	5.664	35.0
3	WTJ	Three Oaks North	McHenry	11	201	5.105	36.5
4	WTG	Three Oaks South	McHenry	11	198	5.029	36.7
5	RGP	Minear	Lake	19	145	3.683	41.2
6	STB	Highwood	McHenry	1	144	3.658	41.3
7	RTZB	West Loon	Lake	6	141.5	3.594	41.6
8	UTV	Cross	Lake	6	138	3.505	41.9
9	RMQ	Carroll	Carroll	30	132	3.353	42.6
10	RTZP	Highland	Lake	9	127	3.226	43.1
11	RGV	Druce	Lake	15	120	3.048	44.0
11	RTZV	Killarney	McHenry	13	120	3.048	44.0
11	STC	Little Silver	Lake	12	120	3.048	44.0
14	RTS	Zurich	Lake	21	114	2.896	44.7
15	RTK	Cedar	Lake	4	110.5	2.807	45.1
16	VTZ	Charlotte	Kane	6	105	2.667	45.9
17	WGS	Waterford	Lake	6	102.5	2.604	46.2
18	VTZH	Crystal	McHenry	13	101	2.565	46.4
19	VGI	Leopold	Lake	12	95.5	2.426	47.2
20	RGI	Gages	Lake	10	93	2.362	47.6
21	RTW	Silver	McHenry	10	92	2.337	47.8
22	RTZT	Barrington	Lake	25	90	2.286	48.1
23	RTD	Catherine	Lake	15	86	2.184	48.7
24	RTI	Channel	Lake	9	84	2.134	49.1
25	RGW	Third	Lake	13	82	2.083	49.4
26	RPV	Candlewick	Boone	10	81	2.057	49.6
27	RGJ	Butler	Lake	3	78	1.981	50.2
28	UTZ	Lake of the Hollow	Lake	8	75.5	1.918	50.6
29	RDW	Beaver	Grundy	22	75	1.905	50.7
30	RGC	Linden	Lake	3	72	1.829	51.3
31	RGZT	Spring	Lake	1	69	1.753	51.9
32	RTH	Round	Lake	4	66.5	1.689	52.5
33	RHJA	Chicago Botanic Garden	Cook	3	66	1.676	52.6
33	RNJ	Devils Kitchen	Williamson	18	66	1.676	52.6
33	RGB	Diamond	Lake	8	66	1.676	52.6
33	REZN	Sunset	Champaign	18	66	1.676	52.6
37	UGV	Spring Ledge	Lake	11	63	1.600	53.2
38	RTT	Antioch	Lake	1	60	1.524	53.9
38	RGZD	Miltmore	Lake	17	60	1.524	53.9
40	RGM	Sand	Lake	6	59	1.499	54.2
41	RNC	Kinkaid	Jackson	24	58	1.473	54.4
42	RTY	Griswold	McHenry	2	57.5	1.461	54.5
43	REL	Petersburg	Menard	18	57	1.448	54.7
44	VDE	Catatoga	Macoupin	4	56	1.422	54.9
44	RTM	East Loon	Lake	7	56	1.422	54.9

Transparency Rank	Lake Code	Waterbody	County	Data Points	Transparency (inch)	Transparency (m)	TSI ^{SD}
46	WHC	Forest	Lake	2	54.5	1.384	55.3
47	RLH	Fyre	Mercer	12	54	1.372	55.4
47	RMM	Galena	Jo Daviess	15	54	1.372	55.4
49	RJZK	Gamlin	St. Clair	9	52	1.321	56.0
49	RAL	Lake of Egypt	Williamson	15	52	1.321	56.0
51	WGZX	Joliet Jr. College	Will	3	50	1.270	56.6
52	WGZY	Swan	Cook	14	49.5	1.257	56.7
53	RMJ	Apple Canyon	Jo Daviess	18	49	1.245	56.8
54	RTR	Marie	Lake	18	47	1.194	57.4
54	RPM	Woodhaven	Lee	18	47	1.194	57.4
56	RNE	Cedar	Jackson	30	46.5	1.181	57.6
57	RPJ	Bass	Lee	14	46	1.168	57.8
57	RNzd	Herrin New	Williamson	6	46	1.168	57.8
57	UDH	Sunset	MaCoupin	3	46	1.168	57.8
57	RPZK	Westlake Village	Winnebago	18	46	1.168	57.8
61	RPK	Black Oak	Lee	21	45	1.143	58.1
62	RNU	Jaycee	Jefferson	6	41.5	1.054	59.2
63	RCJ	Altamont New	Effingham	18	41	1.041	59.4
63	RTV	Redhead	Lake	1	41	1.041	59.4
63	RNzG	Spring Arbor	Jackson	23	41	1.041	59.4
66	RTZS	Goose	McHenry	12	40	1.016	59.8
66	RTZF	Tower	Lake	16	40	1.016	59.8
66	RTZZ	Woods Creek	McHenry	24	40	1.016	59.8
69	RTZU	Honey	Lake	15	39	0.991	60.1
69	RPZB	Pine	Lee	21	39	0.991	60.1
71	RGK	Grays	Lake	2	37.5	0.953	60.7
71	STM	La Fox Pond	Kane	18	37.5	0.953	60.7
73	RGR	Charles	DuPage	21	36	0.914	61.3
73	REE	Dawson	McLean	15	36	0.914	61.3
75	RPL	Sunset	Lee	20	34.5	0.876	61.9
76	RCE	Sara	Effingham	18	33	0.838	62.5
77	VTT	Fischer	Lake	18	32	0.813	63.0
77	RTJ	Long	Lake	18	32	0.813	63.0
79	RTZI	Island	Lake	6	31.5	0.800	63.2
80	SDZW	Ossami	Tazewell	3	31	0.787	63.4
81	RHZK	Longmeadow	Cook	2	30.5	0.775	63.7
81	RJJ	Weslake	St. Clair	6	30.5	0.775	63.7
83	RNZH	Campus	Jackson	8	30	0.762	63.9
83	RGZC	Fourth	Lake	19	30	0.762	63.9
83	RTZQ	Timber	Lake	21	30	0.762	63.9
86	RPZI	Richardson Wildlife	Lee	17	29	0.737	64.4
87	VTJ	Bluff	Lake	15	28	0.711	64.9
88	SDA	Evergreen	McLean	24	27	0.686	65.4
88	RDI	Jacksonville	Morgan	21	27	0.686	65.4
90	RDO	Bloomington	McLean	24	26	0.660	66.0

Transparency Rank	Lake Code	Waterbody	County	Data Points	Transparency (inch)	Transparency (m)	TSI ^{SD}
90	RGU	Loch Lomond	Lake	17	26	0.660	66.0
92	SNA	Chautauqua	Jackson	14	25.5	0.648	66.3
93	RNZI	Miller	Jefferson	18	25	0.635	66.5
94	REG	Lake of the Woods	Champaign	18	24	0.610	67.1
94	RND	Murphysboro	Jackson	6	24	0.610	67.1
94	VTW	Petite	Lake	12	24	0.610	67.1
97	RBO	Homer	Champaign	18	23	0.584	67.7
98	RGZG	Forest	Lake	24	22	0.559	68.4
98	RDF	Otter	MaCoupin	24	22	0.559	68.4
100	RBD	Vermilion	Vermilion	18	21.5	0.546	68.7
101	RTU	Pistakee	Lake	18	20	0.508	69.8
102	ROP	Governor Bond	Bond	6	19.5	0.495	70.1
102	RGZM	Valley	Lake	18	19.5	0.495	70.1
104	RTF	Fox	Lake	3	19	0.483	70.5
104	RTZC	Wonder	McHenry	21	19	0.483	70.5
106	SGI	Briarwood	Cook	3	18	0.457	71.3
106	UTA	Matthews	Lake	6	18	0.457	71.3
106	RBL	Paris Twin East	Edgar	9	18	0.457	71.3
106	REC	Taylorville	Christian	9	18	0.457	71.3
110	SEB	Bird's Pond	Sangamon	4	17.5	0.445	71.7
111	SDL	Mauvaise Terre	Morgan	21	17	0.432	72.1
111	RPC	Pierce	Winnebago	7	17	0.432	72.1
113	WTK	Beaver Pond	DuPage	2	16	0.406	73.0
113	STJ	Campton	Kane	6	16	0.406	73.0
113	RBX	Paris Twin West	Edgar	9	16	0.406	73.0
116	RGQ	Countryside	Lake	3	15	0.381	73.9
116	RGZW	Golfview	DuPage	3	15	0.381	73.9
116	RTZD	McCullom	McHenry	9	15	0.381	73.9
119	ROZA	Highland Silver	Madison	6	14	0.356	74.9
119	RDR	Spring	McDonough	18	14	0.356	74.9
119	REF	Springfield	Sangamon	30	14	0.356	74.9
122	RTQ	Grass	Lake	6	13	0.330	76.0
122	REZL	Twin Oaks	Champaign	16	13	0.330	76.0
124	RCF	Mattoon	Shelby	10	11.5	0.292	77.7
125	VTH	Dunns	Lake	18	11	0.279	78.4
125	RTUA	Nippersink	Lake	6	11	0.279	78.4
127	STO	Napa Suwe	Lake	21	10	0.254	79.7
128	VTZJ	Louise	Lake	9	8	0.203	82.9
129	RCG	Paradise	Coles	6	7.5	0.191	83.9
130	RNI	Carbondale	Jackson	12	7	0.178	84.9

All Transparencies seen on bottom. Rating taken from deepest value, therefore TSI is biased high.

No data available for June, July, or August. Used data from months of May and September.

Tier Level	Lake Code	Waterbody	County	Events	Macrophyte Coverage	Aquatic Life Pts	Aesthetic Quality Pts
3	RMJ	Apple Canyon	Jo Daviess	10	5% to 25%	0	7.5
3	RDO	Bloomington	McLean	12	Less Than 5%	15	0
3	SDA	Evergreen	McLean	11	Less Than 5%	15	0
3	REF	Springfield	Sangamon	10	5% to 25%	0	7.5
2	RCJ	Altamont New	Effingham	12	Less Than 5%	15	0
2	RPJ	Bass	Lee	12	26% to 50%	5	15
2	WTK	Beaver Pond	DuPage	2	Less Than 5%	15	0
2	SEB	Bird's Pond	Sangamon	5	Less Than 5%	15	0
2	RPK	Black Oak	Lee	12	5% to 25%	0	7.5
2	RGJ	Butler	Lake	3	51% To 70%	10	15
2	RPV	Candlewick	Boone	12	5% to 25%	0	7.5
2	RNI	Carbondale	Jackson	12	Less Than 5%	15	0
2	RMQ	Carroll	Carroll	7	5% to 25%	0	7.5
2	RNE	Cedar	Jackson	12	Less Than 5%	15	0
2	RGR	Charles	DuPage	13	26% to 50%	5	15
2	VTZ	Charlotte	Kane	11	Less Than 5%	15	0
2	RHJA	Chicago Botanic Garden	Cook	1	26% to 50%	5	15
2	REE	Dawson	McLean	7	Less Than 5%	15	0
2	VTD	Deep	Lake	10	5% to 25%	0	7.5
2	RNJ	Devils Kitchen	Williamson	11	26% to 50%	5	15
2	RGB	Diamond	Lake	5	26% to 50%	5	15
2	RGV	Druce	Lake	9	5% to 25%	0	7.5
2	RGZG	Forest	Lake	12	Less Than 5%	15	0
2	RMM	Galena	Jo Daviess	11	5% to 25%	0	7.5
2	RNZD	Herrin New	Williamson	2	Less Than 5%	15	0
2	RTZP	Highland	Lake	5	26% to 50%	5	15
2	ROZA	Highland Silver	Madison	2	Less Than 5%	15	0
2	STB	Highwood	McHenry	2	26% to 50%	5	15
2	RBO	Homer	Champaign	11	Less Than 5%	15	0
2	RTZU	Honey	Lake	9	5% to 25%	0	7.5
2	RTZV	Killarney	McHenry	12	51% To 70%	10	15
2	RAL	Lake of Egypt	Williamson	11	5% to 25%	0	7.5
2	REG	Lake of the Woods	Champaign	10	Less Than 5%	15	0
2	VGI	Leopold	Lake	12	51% To 70%	10	15
2	RTJ	Long	Lake	10	Less Than 5%	15	0
2	RHZK	Longmeadow	Cook	3	Less Than 5%	15	0
2	RCF	Mattoon	Shelby	4	Less Than 5%	15	0
2	RNZI	Miller	Jefferson	12	Less Than 5%	15	0
2	RGZD	Miltmore	Lake	12	5% to 25%	0	7.5
2	SDZW	Ossami	Tazewell	1	5% to 25%	0	7.5
2	RDF	Otter	MaCoupin	11	Less Than 5%	15	0
2	RCG	Paradise	Coles	4	Less Than 5%	15	0
2	RPZB	Pine	Lee	12	26% to 50%	5	15
2	RCE	Sara	Effingham	10	Less Than 5%	15	0
2	RTW	Silver	McHenry	12	26% to 50%	5	15

Tier Level	Lake Code	Waterbody	County	Events	Macrophyte Coverage	Aquatic Life Pts	Aesthetic Quality Pts
2	RDR	Spring	McDonough	12	Less Than 5%	15	0
2	RNZG	Spring Arbor	Jackson	12	Less Than 5%	15	0
2	UGV	Spring Ledge	Lake	8	5% to 25%	0	7.5
2	REZN	Sunset	Champaign	10	Less Than 5%	15	0
2	RPL	Sunset	Lee	12	5% to 25%	0	7.5
2	UDH	Sunset	Macoupin	1	Less Than 5%	15	0
2	WGZY	Swan	Cook	14	51% To 70%	10	15
2	REC	Taylorville	Christian	4	Less Than 5%	15	0
2	RGW	Third	Lake	12	Not Evaluated		
2	WTJ	Three Oaks North	McHenry	7	26% to 50%	5	15
2	WTG	Three Oaks South	McHenry	7	26% to 50%	5	15
2	RTZF	Tower	Lake	11	5% to 25%	0	7.5
2	REZL	Twin Oaks	Champaign	9	Less Than 5%	15	0
2	RGZM	Valley	Lake	12	5% to 25%	0	7.5
2	RBD	Vermilion	Vermilion	12	Less Than 5%	15	0
2	SGB	Virginia	Cook	12	Less Than 5%	15	0
2	RPZK	Westlake	Winnebago	10	Less Than 5%	15	0
2	RTZC	Wonder	McHenry	8	Less Than 5%	15	0
2	RPM	Woodhaven	Lee	12	5% to 25%	0	7.5
2	RTZZ	Woods Creek	McHenry	18	26% to 50%	5	15
1	RTT	Antioch	Lake	1	Less Than 5%	15	0
1	RTZT	Barrington	Lake	12	5% to 25%	0	7.5
1	RDW	Beaver	Grundy	9	Less Than 5%	15	0
1	VTJ	Bluff	Lake	10	Less Than 5%	15	0
1	SGI	Briarwood	Cook	1	Less Than 5%	15	0
1	STJ	Campton	Kane	2	5% to 25%	0	7.5
1	RNZH	Campus	Jackson	2	Less Than 5%	15	0
1	VDE	Catatoga	Macoupin	6	Less Than 5%	15	0
1	RTD	Catherine	Lake	8	5% to 25%	0	7.5
1	RTK	Cedar	Lake	3	51% To 70%	10	15
1	RTI	Channel	Lake	4	Not Evaluated		
1	SNA	Chautauqua	Jackson	12	Less Than 5%	15	0
1	RGQ	Countryside	Lake	8	Greater Than 70%	15	15
1	UTV	Cross	Lake	3	26% to 50%	5	15
1	VTZH	Crystal	McHenry	7	5% to 25%	0	7.5
1	VTH	Dunns	Lake	10	5% to 25%	0	7.5
1	RTM	East Loon	Lake	3	51% To 70%	10	15
1	VTT	Fischer	Lake	10	26% to 50%	5	15
1	WHC	Forest	Lake	2	5% to 25%	0	7.5
1	RGZC	Fourth	Lake	12	Greater Than 70%	15	15
1	RTF	Fox	Lake	6	Less Than 5%	15	0
1	RLH	Fyre	Mercer	6	Less Than 5%	15	0
1	RGI	Gages	Lake	9	51% To 70%	10	15
1	RJZK	Gamlin	St. Clair	5	5% to 25%	0	7.5
1	RGZW	Golfview	DuPage	4	Less Than 5%	15	0

Tier Level	Lake Code	Waterbody	County	Events	Macrophyte Coverage	Aquatic Life Pts	Aesthetic Quality Pts
1	RTZS	Goose	McHenry	10	Less Than 5%	15	0
1	ROP	Governor Bond	Bond	2	Less Than 5%	15	0
1	RTQ	Grass	Lake	3	5% to 25%	0	7.5
1	RGK	Grays	Lake	2	Less Than 5%	15	0
1	RTY	Griswold	McHenry	2	26% to 50%	5	15
1	RTZI	Island	Lake	3	26% to 50%	5	15
1	RDI	Jacksonville	Morgan	11	Less Than 5%	15	0
1	RNU	Jaycee	Jefferson	3	5% to 25%	0	7.5
1	WGZX	Joliet Junior College	Will	1	Greater Than 70%	15	15
1	RNC	Kinkaid	Jackson	12	5% to 25%	0	7.5
1	STM	LaFox Pond	Kane	12	Less Than 5%	15	0
1	UTZ	Lake of the Hollow	Lake	4	51% To 70%	10	15
1	RGC	Linden	Lake	5	5% to 25%	0	7.5
1	STC	Little Silver	Lake	12	26% to 50%	5	15
1	RGU	Loch Lomond	Lake	11	Less Than 5%	15	0
1	VTZJ	Louise	Lake	4	Less Than 5%	15	0
1	RTR	Marie	Lake	12	5% to 25%	0	7.5
1	UTA	Matthews	Lake	10	5% to 25%	0	7.5
1	SDL	Mauvaise Terre	Morgan	11	Less Than 5%	15	0
1	RTZD	McCullom	McHenry	5	5% to 25%	0	7.5
1	RGP	Minear	Lake	10	5% to 25%	0	7.5
1	RND	Murphysboro	Jackson	12	5% to 25%	0	7.5
1	STO	Napa Suwe	Lake	11	Less Than 5%	15	0
1	RTUA	Nippersink	Lake	7	5% to 25%	0	7.5
1	RBL	Paris Twin East	Edgar	6	Less Than 5%	15	0
1	RBX	Paris Twin West	Edgar	5	Less Than 5%	15	0
1	REL	Petersburg	Menard	6	Less Than 5%	15	0
1	VTW	Petite	Lake	6	Less Than 5%	15	0
1	RPC	Pierce	Winnebago	7	5% to 25%	0	7.5
1	RTU	Pistakee	Lake	10	Less Than 5%	15	0
1	RTV	Redhead	Lake	1	5% to 25%	0	7.5
1	RPZI	Richardson Wildlife	Lee	11	Less Than 5%	15	0
1	RTH	Round	Lake	4	Not Evaluated		
1	RGM	Sand	Lake	3	5% to 25%	0	7.5
1	RGZT	Spring	Lake	1	Not Evaluated		
1	RTZQ	Timber	Lake	6	Greater Than 70%	15	15
1	WGS	Waterford	Lake	6	26% to 50%	5	15
1	RJJ	Weslake	St. Clair	5	Less Than 5%	15	0
1	RTZB	West Loon	Lake	3	26% to 50%	5	15
1	RTS	Zurich	Lake	11	5% to 25%	0	7.5

Not Evaluated

Volunteer did not select a category of macrophyte coverage on the monitoring form to reflect conditions found on the lake.

Tier Level	Lake Code	Waterbody	County	Nitrate+Nitrite (mg/l)	TKN (mg/l)	NH4 (mg/l)	TP (mg/l)
			MDL:	0.031	0.16	0.09	0.0034
			WQS:				0.0500
			Acute ₁ :	10	10	0.35	
			Chronic ₁ :	2.9	1	0.02	
3	RMJ	Apple Canyon	Jo Daviess	0.044	0.81	0.09	0.0570
3	RDO	Bloomington	McLean	3.700	0.80	0.09	0.0830
3	SDA	Evergreen	McLean	2.430	0.79	0.09	0.0520
3	REF	Springfield	Sangamon	0.793	1.04	0.09	0.2230
2	RCJ	Altamont New	Effingham	0.037	0.60	0.09	0.1380
2	RPJ	Bass	Lee	5.570	1.13	0.09	0.1160
2	WTK	Beaver Pond	Du Page	0.144	0.98	0.09	0.0700
2	SEB	Bird's Pond	Sangamon	0.075	0.71	0.09	0.0890
2	RPK	Black Oak	Lee	4.870	0.75	0.09	0.0520
2	RGJ	Butler	Lake	0.034	0.49	0.15	0.0285
2	RPV	Candlewick	Boone	0.057	0.39	0.09	0.0265
2	RNI	Carbondale	Jackson	0.036	2.09	0.09	0.1515
2	RMQ	Carroll	Carroll	2.360	0.41	0.09	0.0160
2	RNE	Cedar	Jackson	0.043	0.26	0.09	0.0230
2	RGR	Charles	Du Page	0.040	1.13	0.09	0.1410
2	VTZ	Charlotte ₂	Kane	0.116	0.49	0.14	0.0195
2	RHJA	Chicago Botanic Garden	Cook	0.031	0.58	0.09	0.0250
2	REE	Dawson	McLean	1.190	0.88	0.09	0.0350
2	VTD	Deep	Lake	0.031	0.56	0.09	0.0120
2	RNJ	Devils Kitchen	Williamson	0.031	0.34	0.09	0.0130
2	RGB	Diamond	Lake	0.031	0.88	0.09	0.0280
2	RGV	Druce	Lake	0.046	0.40	0.09	0.0140
2	RGZG	Forest	Lake	0.031	0.74	0.09	0.0660
2	RMM	Galena	Jo Daviess	0.041	0.44	0.09	0.0330
2	RNZZ	Herrin Old	Williamson	0.031	0.78	0.09	0.0295
2	RTZP	Highland	Lake	0.031	0.47	0.09	0.0170
2	ROZA	Highland Silver	Madison	0.044	0.95	0.09	0.1620
2	STB	Highwood	McHenry	0.031	0.26	0.09	0.0110
2	RBO	Homer	Champaign	4.840	0.70	0.09	0.0405
2	RTZU	Honey	Lake	0.031	1.14	0.09	0.0475
2	RTZV	Killarney	McHenry	0.031	0.37	0.09	0.0160
2	RAL	Lake of Egypt	Williamson	0.031	0.34	0.09	0.0205
2	REG	Lake of the Woods	Champaign	0.031	0.50	0.09	0.0365
2	VGI	Leopold	Lake	0.031	0.57	0.09	0.0350
2	RTJ	Long	Lake	0.151	1.17	0.09	0.0870
2	RHZK	Longmeadow	Cook	0.062	0.74	0.09	0.0460
2	RCF	Mattoon	Shelby	0.031	1.53	0.14	0.1600
2	RNZI	Miller	Jefferson	0.031	1.06	0.09	0.0525
2	RGZD	Miltmore	Lake	0.031	0.86	0.09	0.0205
2	SDZW	Ossami	Tazewell	2.280	0.68	0.09	0.0410

Tier Level	Lake Code	Waterbody	County	Nitrate+Nitrite (mg/l)	TKN (mg/l)	NH4 (mg/l)	TP (mg/l)
			MDL:	0.031	0.16	0.09	0.0034
			WQS:				0.0500
			Acute ₁ :	10	10	0.35	
			Chronic ₁ :	2.9	1	0.02	
2	RDF	Otter	Macoupin	0.623	1.17	0.09	0.0590
2	RCG	Paradise	Coles	0.946	1.67	0.09	0.1895
2	RPZB	Pine	Lee	0.039	0.82	0.09	0.0760
2	RCE	Sara	Effingham	0.031	0.60	0.09	0.0450
2	RTW	Silver	McHenry	0.031	0.36	0.09	0.0160
2	RDR	Spring	McDonough	0.344	1.93	0.09	0.1720
2	RNZG	Spring Arbor	Jackson	0.031	0.54	0.09	0.0160
2	UGV	Spring Ledge	Lake	0.037	0.48	0.09	0.0435
2	REZN	Sunset	Champaign	0.135	0.16	0.09	0.0105
2	RPL	Sunset	Lee	0.031	0.93	0.09	0.0765
2	UDH	Sunset	Macoupin	0.302	1.15	0.09	0.0690
2	WGZY	Swan	Cook	0.052	0.84	0.17	0.8840
2	REC	Taylorville	Christian	0.031	1.10	0.09	0.3930
2	RGW	Third	Lake	0.431	0.63	0.09	0.0240
2	WTJ	Three Oaks North	McHenry	0.107	0.16	0.09	0.0034
2	WTG	Three Oaks South	McHenry	0.568	0.16	0.09	0.0040
2	RTZF	Tower	Lake	0.046	0.66	0.09	0.0340
2	REZL	Twin Oaks	Champaign	0.031	1.50	0.09	0.1030
2	RGZM	Valley	Lake	0.031	1.43	0.09	0.0810
2	RBD	Vermilion	Vermilion	8.190	0.64	0.09	0.0815
2	SGB	Virginia	Cook	0.048	0.22	0.09	0.0120
2	RPZK	Westlake	Winnebago	2.530	1.16	0.09	0.1650
2	RTZC	Wonder	McHenry	0.340	1.45	0.09	0.1240
2	RPM	Woodhaven	Lee	0.031	0.65	0.09	0.0465
2	RTZZ	Woods Creek	McHenry	0.114	0.70	0.09	0.0465

Red	Red indicates TP median is over the WQS of 0.05 mg/l.
Yellow	Indicates that at least one TP data point was over the WQS.
Bold	No data points for TP exceeded the WQS.
Purple	Indicates that at least one data point was over for the acute benchmark of sensitive aquatic animals.
Y	Lab analysis was performed on an uppreserved or improperly preserved sample (not usable data).

- 1- Benchmarks recommended for protection of sensitive aquatic animals. US EPA, 1989, 1999; Environmental Canada, 2001; Constable et al., 2003; Alonso, 2005.
- 2- All samples came into lab over temperature. Data point used where 1 & 3 degrees over temperature. (See Data in Appendix B) Results will not be used for regulatory use.

TKN- Total Kjeldahl Nitrogen
 NH4- Ammonia
 TP- Total Phosphorus

Tier Level	Lake Code	Waterbody	County	Alkalinity (mg/l)	TSS (mg/l)	VSS (mg/l)	Chloride (mg/l)
			MDL:	2.4			Varies
			RL:		4	4	
			WQS:				500
3	RMJ	Apple Canyon	Jo Daviess	195	4	7	
3	RDO	Bloomington	McLean	155	13	9	
3	SDA	Evergreen	McLean	149	9	7	
3	REF	Springfield	Sangamon	143	12	9	
2	RCJ	Altamont New	Effingham	66	6	4	
2	RPJ	Bass	Lee	197	11	12	
2	WTK	Beaver Pond	DuPage	187	17	13	140
2	SEB	Bird's Pond	Sangamon	163	16	10	
2	RPK	Black Oak	Lee	183	8	8	
2	RGJ	Butler	Lake	151	4	4	231
2	RPV	Candlewick	Boone	130	4	4	
2	RNI	Carbondale	Jackson	71	17	17	
2	RMQ	Carroll	Carroll	215	4	5	
2	RNE	Cedar	Jackson	38	4	5	
2	RGR	Charles	DuPage	106	15	14	163
2	VTZ	Charlotte	Kane	244	4	5	155
2	RHJA	Chicago Botanic Garden	Cook	107	4	5	31
2	REE	Dawson	McLean	158	10	11	14
2	VTD	Deep	Lake	147	4	4	217
2	RNJ	Devil's Kitchen	Williamson	29	4	4	
2	RGB	Diamond	Lake	136	4	8	175
2	RGV	Druce	Lake	155	4	5	351
2	RGZG	Forest	Lake	156	17	6	330
2	RMM	Galena	Jo Daviess	197	4	4	
2	RNZD	Herrin Old	Williamson	28	4	6	
2	RTZP	Highland	Lake	135	4	6	136
2	ROZA	Highland Silver	Madison	54	8	10	0
2	STB	Highwood	McHenry	216	4	4	69
2	RBO	Homer	Champaign	200	7	6	
2	RTZU	Honey	Lake	182	4	4	232
2	WGZY	Indian	Cook	199	5	7	38
2	RTZV	Killarney	McHenry	173	4	4	214
2	RAL	Lake of Egypt	Williamson	51	4	5	
2	REG	Lake of the Woods	Champaign	172	10	6	
2	VGI	Leopold	Lake	169	4	4	187
2	RTJ	Long	Lake	196	9	4	173
2	RHZK	Longmeadow	Cook	245	5	7	73
2	RCF	Mattoon	Shelby	114	15	10	
2	RNZI	Miller	Jefferson	53	8	6	
2	RGZD	Miltmore	Lake	158	4	5	247
2	SDZW	Ossami	Tazewell	196	6	9	

Tier Level	Lake Code	Waterbody	County	Alkalinity (mg/l)	TSS (mg/l)	VSS (mg/l)	Chloride (mg/l)
			MDL:	2.4			Varies
			RL:		4	4	
			WQS:				500
2	RDF	Otter	Macoupin	79	17	12	
2	RCG	Paradise	Coles	118	25	16	
2	RPZB	Pine	Lee	160	6	7	
2	RCE	Sara	Effingham	97	6	7	
2	RTW	Silver	McHenry	166	4	4	213
2	RDR	Spring	McDonough	103	18	14	
2	RNZG	Spring Arbor	Jackson	70	4	4	
2	UGV	Spring Ledge	Lake	145	5	4	211
2	REZN	Sunset	Champaign	134	4	7	
2	RPL	Sunset	Lee	128	11	9	
2	UDH	Sunset	Macoupin	86	5	8	
2	REC	Taylorville	Christian	Only	Nutrients	Where	Analyzed
2	RGW	Third	Lake	171	4	5	
2	WTJ	Three Oaks North	McHenry	176	4	4	354
2	WTG	Three Oaks South	McHenry	169	4	4	374
2	RTZF	Tower	Lake	239	5	6	190
2	REZL	Twin Oaks	Champaign	105	16	15	
2	RGZM	Valley	Lake	153	9	4	296
2	RBD	Vermilion	Vermilion	178	11	6	
2	SGB	Virginia	Cook	95	4	4	235
2	RPZK	Westlake	Winnebago	204	13	11	
2	RTZC	Wonder	McHenry	172	24	15	96
2	RPM	Woodhaven	Lee	156	7	8	
2	RTZZ	Woods Creek	McHenry	171	5	8	196

Y	The only data points available were Y qualified.
V	The only data points available were V qualified.

- MDL- Method Detection Limit
- RL- Reporting Limit
- WQS- Water Quality Standard
- TSS- Total Suspended Solids
- VSS- Volatile Suspended Solids

Tier Level	Lake Code	Waterbody	County	Data Points	CHL a (ug/l)	TN (mg/l)	TP (mg/l)	TN/TP	Algal Growth Limiting Factor
3	RMJ	Apple Canyon	Jo Daviess	15	23.0	0.948	0.057	17	Transitional
3	RDO	Bloomington	McLean	28	53.8	4.095	0.083	49	P Limited
3	SDA	Evergreen	McLean	28	41.5	2.965	0.052	57	P Limited
3	REF	Springfield	Sangamon	15	79.3	1.662	0.223	7	N Limited
2	REC	Taylorville	Christian	1	55.6	1.131	0.393	3	N Limited

Water Quality Data
(Derived from Analytical Results)

Tier Level	Lake Code	Waterbody	County	TN (mg/l)	I.N. (mg/l)	O.N. (mg/l)	TN/TP	AGLF	TSI ^{TP}	NVSS	TSI ^{CHL}
3	RMJ	Apple Canyon	Jo Daviess	0.948	0.164	0.695	12	N Limiting	62.4	0.0	61.4
3	RDO	Bloomington	McLean	4.095	3.800	0.650	50	P Limiting	68.0	4.0	69.7
3	SDA	Evergreen	McLean	2.965	2.385	0.685	81	P Limiting	61.0	2.0	67.1
3	REF	Springfield	Sangamon	1.662	0.883	0.970	10	N Limiting	82.0	3.0	73.5
2	RCJ	Altamont New	Effingham	0.645	0.145	0.505	6	N Limiting	75.1	0.0	
2	RPJ	Bass	Lee	6.460	5.660	1.040	70	P Limiting	72.6	0.0	
2	WTK	Beaver Pond	DuPage	1.124	0.234	0.890	17	Transitional	65.3	4.0	
2	SEB	Bird's Pond	Sangamon	0.835	0.169	0.645	9	N Limiting	68.7	7.5	
2	RPK	Black Oak	Lee	5.525	4.960	0.660	139	P Limiting	59.9	0.5	
2	RGJ	Butler	Lake	0.524	0.184	0.340	19	Transitional	52.4	0.0	
2	RPV	Candlewick	Boone	0.422	0.147	0.295	20	Transitional	51.3	0.0	
2	RNI	Carbondale	Jackson	2.119	0.121	2.005	14	Transitional	76.4	2.5	
2	RMQ	Carroll	Carroll	2.860	2.450	0.320	179	P Limiting	44.1	0.0	
2	RNE	Cedar	Jackson	0.322	0.145	0.160	15	Transitional	49.3	0.0	
2	RGR	Charles	DuPage	1.166	0.139	1.035	8	N Limiting	75.4	1.5	
2	VTZ	Charlotte	Kane	0.601	0.251	0.350	32	P Limiting	46.7	0.0	
2	RHJA	Chicago Botanic Garden	Cook	0.611	0.121	0.490	25	Transitional	50.5	0.0	
2	REE	Dawson	McLean	2.070	1.280	0.790	72	P Limiting	55.3	0.0	
2	VTD	Deep	Lake	0.591	0.121	0.470	39	P Limiting	39.9	0.0	
2	RNJ	Devils Kitchen	Williamson	0.371	0.121	0.250	29	Transitional	41.1	0.0	
2	RGB	Diamond	Lake	0.911	0.121	0.790	31	P Limiting	52.1	0.0	
2	RGV	Druce	Lake	0.490	0.136	0.310	35	P Limiting	42.2	0.0	
2	RGZG	Forest	Lake	0.771	0.121	0.650	12	N Limiting	64.5	4.5	
2	RMM	Galena	Jo Daviess	0.476	0.131	0.345	14	Transitional	54.1	0.0	
2	RNZZ	Herrin Old	Williamson	0.811	0.121	0.690	32	P Limiting	51.9	0.0	
2	RTZP	Highland	Lake	0.501	0.121	0.380	32	P Limiting	44.9	0.0	
2	ROZA	Highland Silver	Madison	0.994	0.134	0.860	7	N Limiting	77.4	0.0	
2	STB	Highwood	McHenry	0.291	0.121	0.170	27	Transitional	38.7	0.0	
2	RBO	Homer	Champaign	5.540	4.930	0.610	155	P Limiting	57.2	1.0	
2	RTZU	Honey	Lake	1.171	0.121	1.050	25	Transitional	59.7	0.0	
2	RTZV	Killarney	McHenry	0.402	0.121	0.280	28	Transitional	44.0	0.0	
2	RAL	Lake of Egypt	Williamson	0.366	0.124	0.245	16	Transitional	47.4	0.0	
2	REG	Lake of the Woods	Champaign	0.531	0.121	0.410	16	Transitional	54.5	1.0	
2	VGI	Leopold	Lake	0.601	0.121	0.480	18	Transitional	55.3	0.0	
2	RTJ	Long	Lake	1.452	0.412	1.040	27	Transitional	68.5	0.0	
2	RHZK	Longmeadow	Cook	0.791	0.152	0.670	15	Transitional	59.3	0.0	
2	RCF	Mattoon	Shelby	1.561	0.208	1.340	10	N Limiting	77.1	2.0	
2	RNZZ	Miller	Jefferson	1.104	0.134	0.905	16	Transitional	61.2	0.0	
2	RGZD	Miltmore	Lake	0.891	0.122	0.765	47	P Limiting	47.6	0.0	
2	SDZW	Ossami	Tazewell	3.320	2.530	0.590	81	P Limiting	57.6	0.0	
2	RDF	Otter	Macoupin	1.901	0.713	1.175	33	P Limiting	62.9	0.0	
2	RCG	Paradise	Coles	2.481	1.036	1.595	17	Transitional	79.6	10.0	
2	RPZB	Pine	Lee	0.859	0.129	0.730	13	N Limiting	66.5	0.0	
2	RCE	Sara	Effingham	0.743	0.121	0.510	22	Transitional	59.0	0.0	
2	RTW	Silver	McHenry	0.386	0.121	0.265	22	Transitional	44.1	0.0	

Tier Level	Lake Code	Waterbody	County	TN (mg/l)	I.N. (mg/l)	O.N. (mg/l)	TN/TP	AGLF	TSI ^{TP}	NVSS	TSI ^{CHL}
2	RDR	Spring	McDonough	2.274	0.434	1.840	14	Transitional	78.3	4.0	
2	RNZG	Spring Arbor	Jackson	0.599	0.121	0.510	32	P Limiting	44.1	0.0	
2	UGV	Spring Ledge	Lake	0.517	0.127	0.390	13	N Limiting	58.0	0.0	
2	REZN	Sunset	Champaign	0.295	0.225	0.070	33	P Limiting	37.6	0.0	
2	RPL	Sunset	Lee	0.961	0.121	0.840	16	Transitional	66.5	0.0	
2	UDH	Sunset	Macoupin	1.447	0.392	1.055	21	Transitional	65.1	0.0	
2	WGZY	Swan	Cook	0.893	0.223	0.670	2	N Limiting	101.8	0.0	
2	REC	Taylorville	Christian	1.131	0.121	1.010	3	N Limiting	90.2	0.0	70.0
2	RGW	Third	Lake	1.116	0.521	0.540	42	P Limiting	49.9	0.0	
2	WTJ	Three Oaks North	McHenry	0.267	0.197	0.070	79	P Limiting	21.8	0.0	
2	WTG	Three Oaks South	McHenry	0.728	0.658	0.070	215	P Limiting	24.1	0.0	
2	RTZF	Tower	Lake	0.706	0.136	0.570	21	Transitional	54.9	0.0	
2	REZL	Twin Oaks	Champaign	1.531	0.121	1.410	17	Transitional	70.9	1.5	
2	RGZM	Valley	Lake	1.469	0.129	1.340	18	Transitional	67.4	0.0	
2	RBD	Vermilion	Vermilion	8.850	8.280	0.545	108	P Limiting	67.3	5.0	
2	SGB	Virginia	Cook	0.288	0.138	0.130	25	Transitional	39.9	0.0	
2	RPZK	Westlake	Winnebago	3.300	2.630	0.880	20	Transitional	77.7	4.0	
2	RTZC	Wonder	McHenry	2.005	0.465	1.360	17	Transitional	73.5	8.0	
2	RPM	Woodhaven	Lee	0.701	0.121	0.550	16	Transitional	59.3	0.0	
2	RTZZ	Woods Creek	McHenry	0.891	0.121	0.620	17	Transitional	59.2	0.0	

J3 - not usable data	The reported value failed to meet the established QC criteria for either precision or accuracy.
Y - not usable data	The laboratory analysis was performed on an uppreserved or improperly preserved sample.
ND - Usable data ₂	Non detected within the sensitivity of the method detection limits of the analysis.
J - Usable data	Estimated number. The result is between the method detect limit and the reporting limit.

1- Benchmarks recommended for protection of sensitive aquatic animals. US EPA, 1989, 1999; Environmental Canada, 2001; Constable et al., 2003; Alonso, 2005.

2- Since the analyte may be present in concentrations greater than zero but less than the MDLs, the calculations use the Method Detection Limits as a suitable conservative numerical replacement.

TSI^{TP}- Trophic State Index based on Total Phosphorus

TSI^{CHL}- Trophic State Index based on Chlorophyll a

NVSS- Non-Volatile Suspended Solids

AGLF- Algal Growth Limiting Factor (based on TN:TP scale)

TN- Total Nitrogen

I.N.- Inorganic Nitrogen

O.N.- Organic Nitrogen



TN/TP- The ratio of Total Nitrogen to Total Phosphorus

Tier Level	Lake Code	Waterbody	County	TSI ^{TP}	TSI ^{CHL}	TSI ^{SD}	Trophic State
3	RMJ	Apple Canyon	Jo Daviess	62.4	61.4	56.8	Eutrophic
3	RDO	Bloomington	McLean	68.0	69.7	66.0	Eutrophic
3	SDA	Evergreen	McLean	61.0	67.1	65.4	Eutrophic
3	REF	Springfield	Sangamon	82.0	73.5	74.9	Hypereutrophic
2	RCJ	Altamont New	Effingham	75.1		59.4	Hypereutrophic
2	RPJ	Bass	Lee	72.6		57.8	Hypereutrophic
2	WTK	Beaver Pond	DuPage	65.3		73.0	Eutrophic
2	SEB	Bird's Pond	Sangamon	68.7		71.7	Eutrophic
2	RPK	Black Oak	Lee	59.9		58.1	Eutrophic
2	RGJ	Butler	Lake	52.4		50.2	Eutrophic
2	RPV	Candlewick	Boone	51.3		49.6	Eutrophic
2	RNI	Carbondale	Jackson	76.4		84.9	Hypereutrophic
2	RMQ	Carroll	Carroll	44.1		42.6	Mesotrophic
2	RNE	Cedar	Jackson	49.3		57.6	Mesotrophic
2	RGR	Charles	DuPage	75.4		61.3	Hypereutrophic
2	VTZ	Charlotte	Kane	46.7		45.9	Mesotrophic
2	RHJA	Chicago Botanic Garden	Cook	50.5		52.6	Eutrophic
2	REE	Dawson	McLean	55.3		61.3	Eutrophic
2	VTD	Deep	Lake	39.9		33.0	Oligotrophic
2	RNJ	Devils Kitchen	Williamson	41.1		52.6	Mesotrophic
2	RGB	Diamond	Lake	52.1		52.6	Eutrophic
2	RGV	Druce	Lake	42.2		44.0	Mesotrophic
2	RGZG	Forest	Lake	64.5		68.4	Eutrophic
2	RMM	Galena	Jo Daviess	54.1		55.4	Eutrophic
2	RNZD	Herrin New	Williamson	51.9		57.8	Eutrophic
2	RTZP	Highland	Lake	44.9		43.1	Mesotrophic
2	ROZA	Highland Silver	Madison	77.4		74.9	Hypereutrophic
2	STB	Highwood	McHenry	38.7		41.3	Oligotrophic
2	RBO	Homer	Champaign	57.2		67.7	Eutrophic
2	RTZU	Honey	Lake	59.7		60.1	Eutrophic
2	RTZV	Killarney	McHenry	44.0		44.0	Mesotrophic
2	RAL	Lake of Egypt	Williamson	47.4		56.0	Mesotrophic
2	REG	Lake of the Woods	Champaign	54.5		67.1	Eutrophic
2	VGI	Leopold	Lake	55.3		47.2	Eutrophic
2	RTJ	Long	Lake	68.5		63.0	Eutrophic
2	RHZK	Longmeadow	Cook	59.3		63.7	Eutrophic
2	RCF	Mattoon	Shelby	77.1		77.7	Hypereutrophic
2	RNZI	Miller	Jefferson	61.2		66.5	Eutrophic
2	RGZD	Miltmore	Lake	47.6		53.9	Mesotrophic
2	SDZW	Ossami	Tazewell	57.6		63.4	Eutrophic
2	RDF	Otter	MaCoupin	62.9		68.4	Eutrophic
2	RCG	Paradise	Coles	79.6		83.9	Hypereutrophic

Tier Level	Lake Code	Waterbody	County	TSI ^{TP}	TSI ^{CHL}	TSI ^{SD}	Trophic State
2	RPZB	Pine	Lee	66.5		60.1	Eutrophic
2	RCE	Sara	Effingham	59.0		62.5	Eutrophic
2	RTW	Silver	McHenry	44.1		47.8	Mesotrophic
2	RDR	Spring	McDonough	78.3		74.9	Hypereutrophic
2	RNZG	Spring Arbor	Jackson	44.1		59.4	Mesotrophic
2	UGV	Spring Ledge	Lake	58.0		53.2	Eutrophic
2	REZN	Sunset	Champaign	37.6		52.6	Oligatrophic
2	RPL	Sunset	Lee	66.5		61.9	Eutrophic
2	UDH	Sunset	MaCoupin	65.1		57.8	Eutrophic
2	WGZY	Swan	Cook	101.8		56.7	Hypereutrophic
2	REC	Taylorville	Christian	90.2	70.0	71.3	Hypereutrophic
2	RGW	Third	Lake	49.9		49.4	Mesotrophic
2	WTJ	Three Oaks North	McHenry	21.8		36.5	Oligatrophic
2	WTG	Three Oaks South	McHenry	24.1		36.7	Oligatrophic
2	RTZF	Tower	Lake	54.9		59.8	Eutrophic
2	REZL	Twin Oaks	Champaign	70.9		76.0	Hypereutrophic
2	RGZM	Valley	Lake	67.4		70.1	Eutrophic
2	RBD	Vermilion	Vermilion	67.3		68.7	Eutrophic
2	SGB	Virginia	Cook	39.9		35.0	Oligatrophic
2	RPZK	Westlake Village	Winnebago	77.7		57.8	Hypereutrophic
2	RTZC	Wonder	McHenry	73.5		70.5	Hypereutrophic
2	RPM	Woodhaven	Lee	59.3		57.4	Eutrophic
2	RTZZ	Woods Creek	McHenry	59.2		59.8	Eutrophic
1	RTT	Antioch	Lake			53.9	Eutrophic
1	RTZT	Barrington	Lake			48.1	Mesotrophic
1	RDW	Beaver	Grundy			50.7	Eutrophic
1	VTJ	Bluff	Lake			64.9	Eutrophic
1	SGI	Briarwood	Cook			71.3	Hypereutrophic
1	STJ	Campton	Kane			73.0	Hypereutrophic
1	RNZH	Campus	Jackson			63.9	Eutrophic
1	VDE	Catatoga	Macoupin			54.9	Eutrophic
1	RTD	Catherine	Lake			48.7	Mesotrophic
1	RTK	Cedar	Lake			45.1	Mesotrophic
1	RTI	Channel	Lake			49.1	Mesotrophic
1	SNA	Chautauqua	Jackson			66.3	Eutrophic
1	RGQ	Countryside	Lake			73.9	Hypereutrophic
1	UTV	Cross	Lake			41.9	Mesotrophic
1	VTZH	Crystal	McHenry			46.4	Mesotrophic
1	VTH	Dunns	Lake			78.4	Hypereutrophic
1	RTM	East Loon	Lake			54.9	Eutrophic
1	VTT	Fischer	Lake			63.0	Eutrophic
1	WHC	Forest	Lake			55.3	Eutrophic

Tier Level	Lake Code	Waterbody	County	TSI ^{TP}	TSI ^{CHL}	TSI ^{SD}	Trophic State
1	RGZC	Fourth	Lake			63.9	Eutrophic
1	RTF	Fox	Lake			70.5	Hypereutrohic
1	RLH	Fyre	Mercer			55.4	Eutrophic
1	RGI	Gages	Lake			47.6	Mesotrophic
1	RJZK	Gamlin	St. Clair			56.0	Eutrophic
1	RGZW	Golfview	DuPage			73.9	Hypereutrohic
1	RTZS	Goose	McHenry			59.8	Eutrophic
1	ROP	Governor Bond	Bond			70.1	Hypereutrohic
1	RTQ	Grass	Lake			76.0	Hypereutrohic
1	RGK	Grays	Lake			60.7	Eutrophic
1	RTY	Griswold	McHenry			54.5	Eutrophic
1	RTZI	Island	Lake			63.2	Eutrophic
1	RDI	Jacksonville	Morgan			65.4	Eutrophic
1	RNU	Jaycee	Jefferson			59.2	Eutrophic
1	WGZX	Joliet Jr. College	Will			56.6	Eutrophic
1	RNC	Kinkaid	Jackson			54.4	Eutrophic
1	STM	La Fox Pond	Kane			60.7	Eutrophic
1	UTZ	Lake of the Hollow	Lake			50.6	Eutrophic
1	RGC	Linden	Lake			51.3	Eutrophic
1	STC	Little Silver	Lake			44.0	Mesotrophic
1	RGU	Loch Lomond	Lake			66.0	Eutrophic
1	VTZJ	Louise	Lake			82.9	Hypereutrohic
1	RTR	Marie	Lake			57.4	Eutrophic
1	UTA	Matthews	Lake			71.3	Hypereutrohic
1	SDL	Mauvaise Terre	Morgan			72.1	Hypereutrohic
1	RTZD	McCullom	McHenry			73.9	Hypereutrohic
1	RGP	Minear	Lake			41.2	Mesotrophic
1	RND	Murphysboro	Jackson			67.1	Eutrophic
1	STO	Napa Suwe	Lake			79.7	Hypereutrohic
1	RTUA	Nippersink	Lake			78.4	Hypereutrohic
1	RBL	Paris Twin East	Edgar			71.3	Hypereutrohic
1	RBX	Paris Twin West	Edgar			73.0	Hypereutrohic
1	REL	Petersburg	Menard			54.7	Eutrophic
1	VTW	Petite	Lake			67.1	Eutrophic
1	RPC	Pierce	Winnebago			72.1	Hypereutrohic
1	RTU	Pistakee	Lake			69.8	Eutrophic
1	RTV	Redhead	Lake			59.4	Eutrophic
1	RPZI	Richardson Wildlife	Lee			64.4	Eutrophic
1	RTH	Round	Lake			52.5	Eutrophic
1	RGM	Sand	Lake			54.2	Eutrophic
1	RGZT	Spring	Lake			51.9	Eutrophic
1	RTZQ	Timber	Lake			63.9	Eutrophic

Tier Level	Lake Code	Waterbody	County	TSI ^{TP}	TSI ^{CHL}	TSI ^{SD}	Trophic State
1	WGS	Waterford	Lake			46.2	Mesotrophic
1	RJJ	Weslake	St. Clair			63.7	Eutrophic
1	RTZB	West Loon	Lake			41.6	Mesotrophic
1	RTS	Zurich	Lake			44.7	Mesotrophic

-  All Transparancies seen on bottom. Rating taken from deepest value, therefore TSI is biased high.
-  No data available for June, July, or August. Used data from months of May and September.

Note: Trophic State priority is listed in order determined to be most critical in Illinois:

TSI^{TP} - Trophic State Index based on Total Phosphorus

TSI^{CHL} - Trophic State Index based on Chlorophyll a

TSI^{SD} - Trophic State Index based on Secchit depth transparency

Aquatic Life Use
(130 Lakes)

Tier Level	Lake Code	Waterbody	County	Macrophyte Points	NVSS Points	TSI ^{SD} Points	TSI ^{TP} Points	TSI ^{CHL} Points	TSI ^{SD} Totals	TSI ^{TP} Totals	TSI ^{CHL} Totals	Aquatic Life Use
3	RMJ	Apple Canyon	Jo Daviess	0	0	40	50	50	40	50	50	Fully Supporting Good
3	RDO	Bloomington	McLean	15	0	50	50	50	65	65	65	Fully Supporting Good
3	SDA	Evergreen	McLean	15	0	50	50	50	65	65	65	Fully Supporting Good
3	REF	Springfield	Sangamon	0	0	50	50	50	50	50	50	Fully Supporting Good
2	RCJ	Altamont New	Effingham	15	0	40	50	na	55	65	na	Fully Supporting Good
2	RPJ	Bass	Lee	5	0	40	50	na	45	55	na	Fully Supporting Good
2	WTK	Beaver Pond	DuPage	15	0	50	50	na	65	65	na	Fully Supporting Good
2	SEB	Bird's Pond	Sangamon	15	0	50	50	na	65	65	na	Fully Supporting Good
2	RPK	Black Oak	Lee	0	0	40	40	na	40	40	na	Fully Supporting Good
2	RGJ	Butler	Lake	10	0	40	40	na	50	50	na	Fully Supporting Good
2	RPV	Candlewick	Boone	0	0	40	40	na	40	40	na	Fully Supporting Good
2	RNI	Carbondale	Jackson	15	0	50	50	na	65	65	na	Fully Supporting Good
2	RMQ	Carroll	Carroll	0	0	40	40	na	40	40	na	Fully Supporting Good
2	RNE	Cedar	Jackson	15	0	40	40	na	55	55	na	Fully Supporting Good
2	RGR	Charles	DuPage	5	0	50	50	na	55	55	na	Fully Supporting Good
2	VTZ	Charlotte	Kane	15	0	40	40	na	55	55	na	Fully Supporting Good
2	RHJA	Chicago Botanic Garden	Cook	5	0	40	40	na	45	45	na	Fully Supporting Good
2	REE	Dawson	McLean	15	0	50	40	na	65	55	na	Fully Supporting Good
2	VTD	Deep	Lake	0	0	40	40	na	40	40	na	Fully Supporting Good
2	RNJ	Devils Kitchen	Williamson	5	0	40	40	na	45	45	na	Fully Supporting Good
2	RGB	Diamond	Lake	5	0	40	40	na	45	45	na	Fully Supporting Good
2	RGV	Druce	Lake	0	0	40	40	na	40	40	na	Fully Supporting Good
2	RGZG	Forest	Lake	15	0	50	50	na	65	65	na	Fully Supporting Good
2	RMM	Galena	Jo Daviess	0	0	40	40	na	40	40	na	Fully Supporting Good
2	RNZD	Herrin New	Williamson	15	0	40	40	na	55	55	na	Fully Supporting Good
2	RTZP	Highland	Lake	5	0	40	40	na	45	45	na	Fully Supporting Good
2	ROZA	Highland Silver	Madison	15	0	50	50	na	65	65	na	Fully Supporting Good
2	STB	Highwood	McHenry	5	0	40	40	na	45	45	na	Fully Supporting Good
2	RBO	Homer	Champaign	15	0	50	40	na	65	55	na	Fully Supporting Good
2	RTZU	Honey	Lake	0	0	50	40	na	50	40	na	Fully Supporting Good
2	RTZV	Killarney	McHenry	10	0	40	40	na	50	50	na	Fully Supporting Good
2	RAL	Lake of Egypt	Williamson	0	0	40	40	na	40	40	na	Fully Supporting Good

Aquatic Life Use
(130 Lakes)

Tier Level	Lake Code	Waterbody	County	Macrophyte Points	NVSS Points	TSI ^{SD} Points	TSI ^{TP} Points	TSI ^{CHL} Points	TSI ^{SD} Totals	TSI ^{TP} Totals	TSI ^{CHL} Totals	Aquatic Life Use
2	REG	Lake of the Woods	Champaign	15	0	50	40	na	65	55	na	Fully Supporting Good
2	VGI	Leopold	Lake	10	0	40	40	na	50	50	na	Fully Supporting Good
2	RTJ	Long	Lake	15	0	50	50	na	65	65	na	Fully Supporting Good
2	RHZK	Longmeadow	Cook	15	0	50	40	na	65	55	na	Fully Supporting Good
2	RCF	Mattoon	Shelby	15	0	50	50	na	65	65	na	Fully Supporting Good
2	RNZI	Miller	Jefferson	15	0	50	50	na	65	65	na	Fully Supporting Good
2	RGZD	Miltmore	Lake	0	0	40	40	na	40	40	na	Fully Supporting Good
2	SDZW	Ossami	Tazewell	0	0	50	40	na	50	40	na	Fully Supporting Good
2	RDF	Otter	MaCoupin	15	0	50	50	na	65	65	na	Fully Supporting Good
2	RCG	Paradise	Coles	15	0	50	50	na	65	65	na	Fully Supporting Good
2	RPZB	Pine	Lee	5	0	50	50	na	55	55	na	Fully Supporting Good
2	RCE	Sara	Effingham	15	0	50	40	na	65	55	na	Fully Supporting Good
2	RTW	Silver	McHenry	5	0	40	40	na	45	45	na	Fully Supporting Good
2	RDR	Spring	McDonough	15	0	50	50	na	65	65	na	Fully Supporting Good
2	RNZG	Spring Arbor	Jackson	15	0	40	40	na	55	55	na	Fully Supporting Good
2	UGV	Spring Ledge	Lake	0	0	40	40	na	40	40	na	Fully Supporting Good
2	REZN	Sunset	Champaign	15	0	40	40	na	55	55	na	Fully Supporting Good
2	RPL	Sunset	Lee	0	0	50	50	na	50	50	na	Fully Supporting Good
2	UDH	Sunset	MaCoupin	15	0	40	50	na	55	65	na	Fully Supporting Good
2	WGZY	Swan	Cook	10	0	40	70	na	50	80	na	Not Full Supporting Fair
2	REC	Taylorville	Christian	15	0	50	60	50	65	75	65	Fully Supporting Good
2	RGW	Third	Lake	NS	0	40	40	na	40-55	40-55	na	Fully Supporting Good
2	WTJ	Three Oaks North	McHenry	5	0	40	40	na	45	45	na	Fully Supporting Good
2	WTG	Three Oaks South	McHenry	5	0	40	40	na	45	45	na	Fully Supporting Good
2	RTZF	Tower	Lake	0	0	40	40	na	40	40	na	Fully Supporting Good
2	REZL	Twin Oaks	Champaign	15	0	50	50	na	65	65	na	Fully Supporting Good
2	RGZM	Valley	Lake	0	0	50	50	na	50	50	na	Fully Supporting Good
2	RBD	Vermilion	Vermilion	15	0	50	50	na	65	65	na	Fully Supporting Good
2	SGB	Virginia	Cook	15	0	40	40	na	55	55	na	Fully Supporting Good
2	RPZK	Westlake Village	Winnebago	15	0	40	50	na	55	65	na	Fully Supporting Good
2	RTZC	Wonder	McHenry	15	0	50	50	na	65	65	na	Fully Supporting Good
2	RPM	Woodhaven	Lee	0	0	40	40	na	40	40	na	Fully Supporting Good

Tier Level	Lake Code	Waterbody	County	Macrophyte Points	NVSS Points	TSI ^{SD} Points	TSI ^{TP} Points	TSI ^{CHL} Points	TSI ^{SD} Totals	TSI ^{TP} Totals	TSI ^{CHL} Totals	Aquatic Life Use
2	RTZZ	Woods Creek	McHenry	5	0	40	40	na	45	45	na	Fully Supporting Good
1	RTT	Antioch	Lake	15	na	40	na	na	55	na	na	Fully Supporting Good
1	RTZT	Barrington	Lake	0	na	40	na	na	40	na	na	Fully Supporting Good
1	RDW	Beaver	Grundy	15	na	40	na	na	55	na	na	Fully Supporting Good
1	VTJ	Bluff	Lake	15	na	50	na	na	65	na	na	Fully Supporting Good
1	SGI	Briarwood	Cook	15	na	50	na	na	65	na	na	Fully Supporting Good
1	STJ	Campton	Kane	0	na	50	na	na	50	na	na	Fully Supporting Good
1	RNZH	Campus	Jackson	15	na	50	na	na	65	na	na	Fully Supporting Good
1	VDE	Catatoga	Macoupin	15	na	40	na	na	55	na	na	Fully Supporting Good
1	RTD	Catherine	Lake	0	na	40	na	na	40	na	na	Fully Supporting Good
1	RTK	Cedar	Lake	10	na	40	na	na	50	na	na	Fully Supporting Good
1	RTI	Channel	Lake	NS	na	40	na	na	40-70	na	na	Fully Supporting Good
1	SNA	Chautauqua	Jackson	15	na	50	na	na	65	na	na	Fully Supporting Good
1	RGQ	Countryside	Lake	15	na	50	na	na	65	na	na	Fully Supporting Good
1	UTV	Cross	Lake	5	na	40	na	na	45	na	na	Fully Supporting Good
1	VTZH	Crystal	McHenry	0	na	40	na	na	40	na	na	Fully Supporting Good
1	VTH	Dunns	Lake	0	na	50	na	na	50	na	na	Fully Supporting Good
1	RTM	East Loon	Lake	10	na	40	na	na	50	na	na	Fully Supporting Good
1	VTT	Fischer	Lake	5	na	50	na	na	55	na	na	Fully Supporting Good
1	WHC	Forest	Lake	0	na	40	na	na	40	na	na	Fully Supporting Good
1	RGZC	Fourth	Lake	15	na	50	na	na	65	na	na	Fully Supporting Good
1	RTF	Fox	Lake	15	na	50	na	na	65	na	na	Fully Supporting Good
1	RLH	Fyre	Mercer	15	na	40	na	na	55	na	na	Fully Supporting Good
1	RGI	Gages	Lake	10	na	40	na	na	50	na	na	Fully Supporting Good
1	RJZK	Gamlin	St. Clair	0	na	40	na	na	40	na	na	Fully Supporting Good
1	RGZW	Golfview	DuPage	15	na	50	na	na	65	na	na	Fully Supporting Good
1	RTZS	Goose	McHenry	15	na	40	na	na	55	na	na	Fully Supporting Good
1	ROP	Governor Bond	Bond	15	na	50	na	na	65	na	na	Fully Supporting Good
1	RTQ	Grass	Lake	0	na	50	na	na	50	na	na	Fully Supporting Good
1	RGK	Grays	Lake	15	na	50	na	na	65	na	na	Fully Supporting Good
1	RTY	Griswold	McHenry	5	na	40	na	na	45	na	na	Fully Supporting Good
1	RTZI	Island	Lake	5	na	50	na	na	55	na	na	Fully Supporting Good

Aquatic Life Use
(130 Lakes)

Tier Level	Lake Code	Waterbody	County	Macrophyte Points	NVSS Points	TSI ^{SD} Points	TSI ^{TP} Points	TSI ^{CHL} Points	TSI ^{SD} Totals	TSI ^{TP} Totals	TSI ^{CHL} Totals	Aquatic Life Use
1	RDI	Jacksonville	Morgan	15	na	50	na	na	65	na	na	Fully Supporting Good
1	RNU	Jaycee	Jefferson	0	na	40	na	na	40	na	na	Fully Supporting Good
1	WGZX	Joliet Jr. College	Will	15	na	40	na	na	55	na	na	Fully Supporting Good
1	RNC	Kinkaid	Jackson	0	na	40	na	na	40	na	na	Fully Supporting Good
1	STM	La Fox Pond	Kane	15	na	50	na	na	65	na	na	Fully Supporting Good
1	UTZ	Lake of the Hollow	Lake	10	na	40	na	na	50	na	na	Fully Supporting Good
1	RGC	Linden	Lake	0	na	40	na	na	40	na	na	Fully Supporting Good
1	STC	Little Silver	Lake	5	na	40	na	na	45	na	na	Fully Supporting Good
1	RGU	Loch Lomond	Lake	15	na	50	na	na	65	na	na	Fully Supporting Good
1	VTZJ	Louise	Lake	15	na	50	na	na	65	na	na	Fully Supporting Good
1	RTR	Marie	Lake	0	na	40	na	na	40	na	na	Fully Supporting Good
1	UTA	Matthews	Lake	0	na	50	na	na	50	na	na	Fully Supporting Good
1	SDL	Mauvaise Terre	Morgan	15	na	50	na	na	65	na	na	Fully Supporting Good
1	RTZD	McCullom	McHenry	0	na	50	na	na	50	na	na	Fully Supporting Good
1	RGP	Minear	Lake	0	na	40	na	na	40	na	na	Fully Supporting Good
1	RND	Murphysboro	Jackson	0	na	50	na	na	50	na	na	Fully Supporting Good
1	STO	Napa Suwe	Lake	15	na	50	na	na	65	na	na	Fully Supporting Good
1	RTUA	Nippersink	Lake	0	na	50	na	na	50	na	na	Fully Supporting Good
1	RBL	Paris Twin East	Edgar	15	na	50	na	na	65	na	na	Fully Supporting Good
1	RBX	Paris Twin West	Edgar	15	na	50	na	na	65	na	na	Fully Supporting Good
1	REL	Petersburg	Menard	15	na	40	na	na	55	na	na	Fully Supporting Good
1	VTW	Petite	Lake	15	na	50	na	na	65	na	na	Fully Supporting Good
1	RPC	Pierce	Winnebago	0	na	50	na	na	50	na	na	Fully Supporting Good
1	RTU	Pistakee	Lake	15	na	50	na	na	65	na	na	Fully Supporting Good
1	RTV	Redhead	Lake	0	na	40	na	na	40	na	na	Fully Supporting Good
1	RPZI	Richardson Wildlife	Lee	15	na	50	na	na	65	na	na	Fully Supporting Good
1	RTH	Round	Lake	NS	na	40	na	na	40-70	na	na	Fully Supporting Good
1	RGM	Sand	Lake	0	na	40	na	na	40	na	na	Fully Supporting Good
1	RGZT	Spring	Lake	NS	na	40	na	na	40-70	na	na	Fully Supporting Good
1	RTZQ	Timber	Lake	15	na	50	na	na	65	na	na	Fully Supporting Good
1	WGS	Waterford	Lake	5	na	40	na	na	45	na	na	Fully Supporting Good
1	RJJ	Weslake	St. Clair	15	na	50	na	na	65	na	na	Fully Supporting Good

Tier Level	Lake Code	Waterbody	County	Macrophyte Points	NVSS Points	TSI ^{SD} Points	TSI ^{TP} Points	TSI ^{CHL} Points	TSI ^{SD} Totals	TSI ^{TP} Totals	TSI ^{CHL} Totals	Aquatic Life Use
1	RTZB	West Loon	Lake	5	na	40	na	na	45	na	na	Fully Supporting Good
1	RTS	Zurich	Lake	0	na	40	na	na	40	na	na	Fully Supporting Good

	All Transparencies seen on bottom. Rating taken from deepest value, therefore TSI is biased high.
	No data available for June, July, or August. Used data from months of May and September.
NS	Not assessed. Left blank on Secchi form and/or Not Selected in online data entry.
na	Not assessed. Did not participate in water sampling and/or chlorophyll sampling

TSI^{TP} - Trophic State Index based on Total Phosphorus

TSI^{CHL} - Trophic State Index based on Chlorophyll a

TSI^{SD} - Trophic State Index based on Secchit depth transparency

NVSS- Non-Volatile Suspended Solids

Less than 75	Aquatic Life Use: Fully Supporting Good
75 to 95	Aquatic Life Use: Not Fully Supporting Fair
95+	Aquatic Life Use: Not Fully Supporting Poor

Aesthetic Aquality Use
(130 Lakes)

Tier Level	Lake Code	Waterbody	County	Macrophyt Points	NVSS Points	TSI ^{SD} Points	TSI ^{TP} Points	TSI ^{CHL} Points	TSI ^{SD} Totals	TSI ^{TP} Totals	TSI ^{CHL} Totals	Aquatic Life Use
3	RMJ	Apple Canyon	Jo Daviess	7.5	0	56.8	62.4	61.4	64.3	69.9	68.9	Not Fully Supporting Fair
3	RDO	Bloomington	McLean	0	5	66.0	68.0	69.7	71.0	73.0	74.7	Not Fully Supporting Fair
3	SDA	Evergreen	McLean	0	0	65.4	61.0	67.1	65.4	61.0	67.1	Not Fully Supporting Fair
3	REF	Springfield	Sangamon	7.5	5	74.9	82.0	73.5	87.4	94.5	86.0	Not Fully Supporting Fair
2	RCJ	Altamont New	Effingham	0	0	59.4	75.1	na	59.4	75.1	na	Not Fully Supporting Fair
2	RPJ	Bass	Lee	15	0	57.8	72.6	na	72.8	87.6	na	Not Fully Supporting Fair
2	WTK	Beaver Pond	DuPage	0	5	73.0	65.3	na	78.0	70.3	na	Not Fully Supporting Fair
2	SEB	Bird's Pond	Sangamon	0	10	71.7	68.7	na	81.7	78.7	na	Not Fully Supporting Fair
2	RPK	Black Oak	Lee	7.5	0	58.1	59.9	na	65.6	67.4	na	Not Fully Supporting Fair
2	RGJ	Butler	Lake	15	0	50.2	52.4	na	65.2	67.4	na	Not Fully Supporting Fair
2	RPV	Candlewick	Boone	7.5	0	49.6	51.3	na	57.1	58.8	na	Fully Supporting Good
2	RNI	Carbondale	Jackson	0	0	84.9	76.4	na	84.9	76.4	na	Not Fully Supporting Fair
2	RMQ	Carroll	Carroll	7.5	0	42.6	44.1	na	50.1	51.6	na	Fully Supporting Good
2	RNE	Cedar	Jackson	0	0	57.6	49.3	na	57.6	49.3	na	Fully Supporting Good
2	RGR	Charles	DuPage	15	0	61.3	75.4	na	76.3	90.4	na	Not Fully Supporting Poor
2	VTZ	Charlotte	Kane	0	0	45.9	46.7	na	45.9	46.7	na	Fully Supporting Good
2	RHJA	Chicago Botanic Garden	Cook	15	0	52.6	50.5	na	67.6	65.5	na	Not Fully Supporting Fair
2	REE	Dawson	McLean	0	0	61.3	55.3	na	61.3	55.3	na	Fully Supporting Good
2	VTD	Deep	Lake	7.5	0	33.0	39.9	na	40.5	47.4	na	Fully Supporting Good
2	RNJ	Devils Kitchen	Williamson	15	0	52.6	41.1	na	67.6	56.1	na	Fully Supporting Good
2	RGB	Diamond	Lake	15	0	52.6	52.1	na	67.6	67.1	na	Not Fully Supporting Fair
2	RGV	Druce	Lake	7.5	0	44.0	42.2	na	51.5	49.7	na	Fully Supporting Good
2	RGZG	Forest	Lake	0	5	68.4	64.5	na	73.4	69.5	na	Not Fully Supporting Fair
2	RMM	Galena	Jo Daviess	7.5	0	55.4	54.1	na	62.9	61.6	na	Not Fully Supporting Fair
2	RNZD	Herrin New	Williamson	0	0	57.8	51.9	na	57.8	51.9	na	Fully Supporting Good
2	RTZP	Highland	Lake	15	0	43.1	44.9	na	58.1	59.9	na	Fully Supporting Good
2	ROZA	Highland Silver	Madison	0	0	74.9	77.4	na	74.9	77.4	na	Not Fully Supporting Fair
2	STB	Highwood	McHenry	15	0	41.3	38.7	na	56.3	53.7	na	Fully Supporting Good
2	RBO	Homer	Champaign	0	0	67.7	57.2	na	67.7	57.2	na	Fully Supporting Good
2	RTZU	Honey	Lake	7.5	0	60.1	59.7	na	67.6	67.2	na	Not Fully Supporting Fair
2	RTZV	Killarney	McHenry	15	0	44.0	44.0	na	59.0	59.0	na	Fully Supporting Good
2	RAL	Lake of Egypt	Williamson	7.5	0	56.0	47.4	na	63.5	54.9	na	Fully Supporting Good

Tier Level	Lake Code	Waterbody	County	Macrophyt Points	NVSS Points	TSI ^{SD} Points	TSI ^{TP} Points	TSI ^{CHL} Points	TSI ^{SD} Totals	TSI ^{TP} Totals	TSI ^{CHL} Totals	Aquatic Life Use
2	REG	Lake of the Woods	Champaign	0	0	67.1	54.5	na	67.1	54.5	na	Fully Supporting Good
2	VGI	Leopold	Lake	15	0	47.2	55.3	na	62.2	70.3	na	Not Fully Supporting Fair
2	RTJ	Long	Lake	0	0	63.0	68.5	na	63.0	68.5	na	Not Fully Supporting Fair
2	RHZK	Longmeadow	Cook	0	0	63.7	59.3	na	63.7	59.3	na	Fully Supporting Good
2	RCF	Mattoon	Shelby	0	0	77.7	77.1	na	77.7	77.1	na	Not Fully Supporting Fair
2	RNZI	Miller	Jefferson	0	0	66.5	61.2	na	66.5	61.2	na	Not Fully Supporting Fair
2	RGZD	Miltmore	Lake	7.5	0	53.9	47.6	na	61.4	55.1	na	Fully Supporting Good
2	SDZW	Ossami	Tazewell	7.5	0	63.4	57.6	na	70.9	65.1	na	Not Fully Supporting Fair
2	RDF	Otter	MaCoupin	0	0	68.4	62.9	na	68.4	62.9	na	Not Fully Supporting Fair
2	RCG	Paradise	Coles	0	10	83.9	79.6	na	93.9	89.6	na	Not Fully Supporting Fair
2	RPZB	Pine	Lee	15	0	60.1	66.5	na	75.1	81.5	na	Not Fully Supporting Fair
2	RCE	Sara	Effingham	0	0	62.5	59.0	na	62.5	59.0	na	Fully Supporting Good
2	RTW	Silver	McHenry	15	0	47.8	44.1	na	62.8	59.1	na	Fully Supporting Good
2	RDR	Spring	McDonough	0	5	74.9	78.3	na	79.9	83.3	na	Not Fully Supporting Fair
2	RNZG	Spring Arbor	Jackson	0	0	59.4	44.1	na	59.4	44.1	na	Fully Supporting Good
2	UGV	Spring Ledge	Lake	7.5	0	53.2	58.0	na	60.7	65.5	na	Not Fully Supporting Fair
2	REZN	Sunset	Champaign	0	0	52.6	37.6	na	52.6	37.6	na	Fully Supporting Good
2	RPL	Sunset	Lee	7.5	0	61.9	66.5	na	69.4	74.0	na	Not Fully Supporting Fair
2	UDH	Sunset	MaCoupin	0	0	57.8	65.1	na	57.8	65.1	na	Not Fully Supporting Fair
2	WGZY	Swan	Cook	15	0	56.7	101.8	na	71.7	116.8	na	Not Fully Supporting Poor
2	REC	Taylorville	Christian	0	0	71.3	90.2	70.0	71.3	90.2	70.0	Not Fully Supporting Fair
2	RGW	Third	Lake	NS	0	49.4	49.9	na	56.9	57.4	na	Fully Supporting Good
2	WTJ	Three Oaks North	McHenry	15	0	36.5	21.8	na	51.5	36.8	na	Fully Supporting Good
2	WTG	Three Oaks South	McHenry	15	0	36.7	24.1	na	51.7	39.1	na	Fully Supporting Good
2	RTZF	Tower	Lake	7.5	0	59.8	54.9	na	67.3	62.4	na	Not Fully Supporting Fair
2	REZL	Twin Oaks	Champaign	0	0	76.0	70.9	na	76.0	70.9	na	Not Fully Supporting Fair
2	RGZM	Valley	Lake	7.5	0	70.1	67.4	na	77.6	74.9	na	Not Fully Supporting Fair
2	RBD	Vermilion	Vermilion	0	5	68.7	67.3	na	73.7	72.3	na	Not Fully Supporting Fair
2	SGB	Virginia	Cook	0	0	35.0	39.9	na	35.0	39.9	na	Fully Supporting Good
2	RPZK	Westlake Village	Winnebago	0	5	57.8	77.7	na	62.8	82.7	na	Not Fully Supporting Fair
2	RTZC	Wonder	McHenry	0	10	70.5	73.5	na	80.5	83.5	na	Not Fully Supporting Fair
2	RPM	Woodhaven	Lee	7.5	0	57.4	59.3	na	64.9	66.8	na	Not Fully Supporting Fair

Tier Level	Lake Code	Waterbody	County	Macrophyt Points	NVSS Points	TSI ^{SD} Points	TSI ^{TP} Points	TSI ^{CHL} Points	TSI ^{SD} Totals	TSI ^{TP} Totals	TSI ^{CHL} Totals	Aquatic Life Use
2	RTZZ	Woods Creek	McHenry	15	0	59.8	59.2	na	74.8	74.2	na	Not Fully Supporting Fair
1	RTT	Antioch	Lake	0	na	53.9	na	na	53.9	na	na	Fully Supporting Good
1	RTZT	Barrington	Lake	7.5	na	48.1	na	na	55.6	na	na	Fully Supporting Good
1	RDW	Beaver	Grundy	0	na	50.7	na	na	50.7	na	na	Fully Supporting Good
1	VTJ	Bluff	Lake	0	na	64.9	na	na	64.9	na	na	Not Fully Supporting Fair
1	SGI	Briarwood	Cook	0	na	71.3	na	na	71.3	na	na	Not Fully Supporting Fair
1	STJ	Campton	Kane	7.5	na	73.0	na	na	80.5	na	na	Not Fully Supporting Fair
1	RNZH	Campus	Jackson	0	na	63.9	na	na	63.9	na	na	Not Fully Supporting Fair
1	VDE	Catatoga	Macoupin	0	na	54.9	na	na	54.9	na	na	Fully Supporting Good
1	RTD	Catherine	Lake	7.5	na	48.7	na	na	56.2	na	na	Fully Supporting Good
1	RTK	Cedar	Lake	15	na	45.1	na	na	60.1	na	na	Not Fully Supporting Fair
1	RTI	Channel	Lake	NS	na	49.1	na	na	56.6	na	na	Fully Supporting Good
1	SNA	Chautauqua	Jackson	0	na	66.3	na	na	66.3	na	na	Not Fully Supporting Fair
1	RGQ	Countryside	Lake	15	na	73.9	na	na	88.9	na	na	Not Fully Supporting Fair
1	UTV	Cross	Lake	15	na	41.9	na	na	56.9	na	na	Fully Supporting Good
1	VTZH	Crystal	McHenry	7.5	na	46.4	na	na	53.9	na	na	Fully Supporting Good
1	VTH	Dunns	Lake	7.5	na	78.4	na	na	85.9	na	na	Not Fully Supporting Fair
1	RTM	East Loon	Lake	15	na	54.9	na	na	69.9	na	na	Not Fully Supporting Fair
1	VTT	Fischer	Lake	15	na	63.0	na	na	78.0	na	na	Not Fully Supporting Fair
1	WHC	Forest	Lake	7.5	na	55.3	na	na	62.8	na	na	Not Fully Supporting Fair
1	RGZC	Fourth	Lake	15	na	63.9	na	na	78.9	na	na	Not Fully Supporting Fair
1	RTF	Fox	Lake	0	na	70.5	na	na	70.5	na	na	Not Fully Supporting Fair
1	RLH	Fyre	Mercer	0	na	55.4	na	na	55.4	na	na	Fully Supporting Good
1	RGI	Gages	Lake	15	na	47.6	na	na	62.6	na	na	Not Fully Supporting Fair
1	RJZK	Gamlin	St. Clair	7.5	na	56.0	na	na	63.5	na	na	Not Fully Supporting Fair
1	RGZW	Golfview	DuPage	0	na	73.9	na	na	73.9	na	na	Not Fully Supporting Fair
1	RTZS	Goose	McHenry	0	na	59.8	na	na	59.8	na	na	Fully Supporting Good
1	ROP	Governor Bond	Bond	0	na	70.1	na	na	70.1	na	na	Not Fully Supporting Fair
1	RTQ	Grass	Lake	7.5	na	76.0	na	na	83.5	na	na	Not Fully Supporting Fair
1	RGK	Grays	Lake	0	na	60.7	na	na	60.7	na	na	Not Fully Supporting Fair
1	RTY	Griswold	McHenry	15	na	54.5	na	na	69.5	na	na	Not Fully Supporting Fair
1	RTZI	Island	Lake	15	na	63.2	na	na	78.2	na	na	Not Fully Supporting Fair

Aesthetic Aquality Use
(130 Lakes)

Tier Level	Lake Code	Waterbody	County	Macrophyt Points	NVSS Points	TSI ^{SD} Points	TSI ^{TP} Points	TSI ^{CHL} Points	TSI ^{SD} Totals	TSI ^{TP} Totals	TSI ^{CHL} Totals	Aquatic Life Use
1	RDI	Jacksonville	Morgan	0	na	65.4	na	na	65.4	na	na	Not Fully Supporting Fair
1	RNU	Jaycee	Jefferson	7.5	na	59.2	na	na	66.7	na	na	Not Fully Supporting Fair
1	WGZX	Joliet Jr. College	Will	15	na	56.6	na	na	71.6	na	na	Not Fully Supporting Fair
1	RNC	Kinkaid	Jackson	7.5	na	54.4	na	na	61.9	na	na	Not Fully Supporting Fair
1	STM	La Fox Pond	Kane	0	na	60.7	na	na	60.7	na	na	Not Fully Supporting Fair
1	UTZ	Lake of the Hollow	Lake	15	na	50.6	na	na	65.6	na	na	Not Fully Supporting Fair
1	RGC	Linden	Lake	7.5	na	51.3	na	na	58.8	na	na	Fully Supporting Good
1	STC	Little Silver	Lake	15	na	44.0	na	na	59.0	na	na	Fully Supporting Good
1	RGU	Loch Lomond	Lake	0	na	66.0	na	na	66.0	na	na	Not Fully Supporting Fair
1	VTZJ	Louise	Lake	0	na	82.9	na	na	82.9	na	na	Not Fully Supporting Fair
1	RTR	Marie	Lake	7.5	na	57.4	na	na	64.9	na	na	Not Fully Supporting Fair
1	UTA	Matthews	Lake	7.5	na	71.3	na	na	78.8	na	na	Not Fully Supporting Fair
1	SDL	Mauvaise Terre	Morgan	0	na	72.1	na	na	72.1	na	na	Not Fully Supporting Fair
1	RTZD	McCullom	McHenry	7.5	na	73.9	na	na	81.4	na	na	Not Fully Supporting Fair
1	RGP	Minear	Lake	7.5	na	41.2	na	na	48.7	na	na	Fully Supporting Good
1	RND	Murphysboro	Jackson	7.5	na	67.1	na	na	74.6	na	na	Not Fully Supporting Fair
1	STO	Napa Suwe	Lake	0	na	79.7	na	na	79.7	na	na	Not Fully Supporting Fair
1	RTUA	Nippersink	Lake	7.5	na	78.4	na	na	85.9	na	na	Not Fully Supporting Fair
1	RBL	Paris Twin East	Edgar	0	na	71.3	na	na	71.3	na	na	Not Fully Supporting Fair
1	RBX	Paris Twin West	Edgar	0	na	73.0	na	na	73.0	na	na	Not Fully Supporting Fair
1	REL	Petersburg	Menard	0	na	54.7	na	na	54.7	na	na	Fully Supporting Good
1	VTW	Petite	Lake	0	na	67.1	na	na	67.1	na	na	Not Fully Supporting Fair
1	RPC	Pierce	Winnebago	7.5	na	72.1	na	na	79.6	na	na	Not Fully Supporting Fair
1	RTU	Pistakee	Lake	0	na	69.8	na	na	69.8	na	na	Not Fully Supporting Fair
1	RTV	Redhead	Lake	7.5	na	59.4	na	na	66.9	na	na	Not Fully Supporting Fair
1	RPZI	Richardson Wildlife	Lee	0	na	64.4	na	na	64.4	na	na	Not Fully Supporting Fair
1	RTH	Round	Lake	NS	na	52.5	na	na	60.0	na	na	Not Fully Supporting Fair
1	RGM	Sand	Lake	7.5	na	54.2	na	na	61.7	na	na	Not Fully Supporting Fair
1	RGZT	Spring	Lake	NS	na	51.9	na	na	59.4	na	na	Fully Supporting Good
1	RTZQ	Timber	Lake	15	na	63.9	na	na	78.9	na	na	Not Fully Supporting Fair
1	WGS	Waterford	Lake	15	na	46.2	na	na	61.2	na	na	Not Fully Supporting Fair
1	RJJ	Weslake	St. Clair	0	na	63.7	na	na	63.7	na	na	Not Fully Supporting Fair

Tier Level	Lake Code	Waterbody	County	Macrophyt Points	NVSS Points	TSI ^{SD} Points	TSI ^{TP} Points	TSI ^{CHL} Points	TSI ^{SD} Totals	TSI ^{TP} Totals	TSI ^{CHL} Totals	Aquatic Life Use
1	RTZB	West Loon	Lake	15	na	41.6	na	na	56.6	na	na	Fully Supporting Good
1	RTS	Zurich	Lake	7.5	na	44.7	na	na	52.2	na	na	Fully Supporting Good

	All Transparancies seen on bottom. Rating taken from deepest value, therefore TSI is biased high.
	No data available for June, July, or August. Used data from months of May and September.
NS	Not assessed. Left blank on Secchi form and/or Not Selected in online data entry.
na	Not assessed. Did not participate in water sampling and/or chlorophyll sampling

TSI^{TP}- Trophic State Index based on Total Phosphorus

TSI^{CHL}- Trophic State Index based on Chlorophyll a

TSI^{SD}- Trophic State Index based on Secchit depth transparency

NVSS- Non-Volatile Suspended Solid

Less than 60	Aesthetic Quality Use: Fully Supporting Good
60 to 90	Aesthetic Quality Use: Not Fully Supporting Fair
90+	Aesthetic Quality Use: Not Fully Supporting Poor

Table 13a: Total Nitrogen Benchmarks			
	TN (mg/L)	TSI^{TN}	Trophic State
Acute effects observed*	10	87.7	Hypereutrophic
Blue green algae blooms become more frequent	1.47	60.0	Eutrophic
Chronic effects observed*	1.00	54.5	Eutrophic
Target Range (upper)	1.00	54.5	Eutrophic
Target Range (lower)	0.50	44.4	Mesotrophic

*Observed in sensitive species.

Table 13b: Total Phosphorus Benchmarks			
	TP (mg/L)	TSI^{TP}	Trophic State
Illinois Water Quality Standard*	0.050	60.6	Eutrophic
Target Range (upper)	0.040	57.3	Eutrophic
Target Range (lower)	0.010	37.4	Oligotrophic

*In lakes greater than 20 acres.

Categories	Agricul- ture Priority	Construc- tion Priority	Urban Runoff Priority	Hydrologic Modification Priority	Resource Extraction Priority	Ground- water Priority	Wetlands Priority
<i>Practices</i>							
Recreation Area Improvement	Low	Low	Low	Low	Low	Low	High
Regeneration/Reforestation	Medium	Medium	Medium	Medium	Medium	Medium	Medium
Regulations	Medium	Medium	Medium	Medium	Medium	Medium	Medium
Replace Leaking Storage Tanks	Medium	Medium	Medium	---	Medium	Medium	Medium
Reshape Banks/Sideslopes	High	High	High	High	High	High	High
Retention Basin	High	High	High	High	High	High	High
Retards & Jetties	High	High	High	High	High	High	High
Revegetated Riparian Zone/Corridor	High	High	High	High	High	High	High
Rip Rap	High	High	High	High	High	High	---
Rock Barrier	High	High	High	High	High	High	High
Rock Outlet Protection	High	High	High	High	High	High	High
Rock Outlets	High	High	High	High	High	High	High
Roof Runoff Management	High	High	High	High	High	High	High
Runoff Control	High	High	High	High	High	High	High
Sand Filters	Medium	Medium	Medium	Medium	Medium	Medium	Medium
Sealing Bore Holes	High	High	High	---	High	High	High
Sediment Traps/Basins	High	High	High	High	High	High	High
Seeding	High	High	High	High	High	High	High
Sediment Oxidation	Medium	Medium	Medium	Medium	Medium	Medium	Medium
Shading and Sediment Covers	Medium	Medium	Medium	Medium	Medium	Medium	Medium
Sinkhole Stabilization	Medium	Medium	Medium	Medium	Medium	Medium	Medium
Silt Fence	Medium	Medium	Medium	Medium	Medium	Medium	Medium
Site Evaluation Requirements	Medium	Medium	Medium	Medium	Medium	Medium	Medium
Spillway Restoration	Medium	Medium	Medium	Medium	Medium	Medium	Medium
Sodding	Medium	Medium	Medium	Medium	---	Medium	---
Soil Testing/Nutrient Management	High	High	High	High	High	High	High
Spray Nozzle Refinements	High	---	High	---	---	---	---
Stabilized Construction Entrance Stacking Area	Medium	Medium	Medium	Medium	Medium	Medium	Medium
Storm Drain Inlet Protection	Medium	Medium	Medium	Medium	Medium	Medium	Medium
Stacking Area	Medium	Medium	Medium	Medium	Medium	Medium	Medium
Staging of Clearing, Grubbing, Scalping, Grading and Reclamation Activities	Medium	Medium	Medium	Medium	Medium	Medium	Medium
Stock Trails and Walkways	Medium	Medium	Medium	Medium	Medium	Medium	Medium
Straw Bale Dike	Medium	Medium	Medium	Medium	Medium	Medium	Medium
Stream Channel Restoration	High	High	High	High	High	High	High
Stream Channel Stabilization	High	High	High	High	High	High	High
Streambank and Shoreline Protection/Stabilization	High	High	High	High	High	High	High
Street Sweeping	---	Medium	Medium	---	---	---	---
Strip Cropping (Contour)	High	---	High	---	High	High	---

Code	Description
B1	The sample matrix caused possible effects on measurement. The result may be biased low.
B2	The sample matrix caused possible effects on measurement. The result may be biased high.
C	Value calculated. Value reported was not measured directly, but was calculated from other available data.
I	See Case Narrative for more information.
J	Estimated number. The laboratory cannot support the validity of this number. The result is between the method detection limit and the reporting limit.
J1	Surrogate compound recovery limits have not been met.
J2	Internal Standard criteria were not met.
J3	The reported value failed to meet the established quality control criteria for either precision or accuracy possibly due to matrix effects.
J5	Blank Spike failed high, result was less than the reporting limit – impact on data may be minimal.
J6	Blank Spike failed high – possible high bias or false positive result.
J7	Blank Spike failed low – possible low bias or false non-detect result at the reporting limit.
L	Actual value not known, but known to be greater than value shown. Value shown is the highest acceptable level for quantification.
M	Presence of material verified (i.e., positive detection). Value is estimated
Q	Maximum holding time exceeded.
S	Test results provided by outside source.
V	Indicates the analyte was detected in the associated method blank and was outside method blank acceptance criteria.
X	Reported value should not be used. Some or all of the quality control data for the analyte were outside acceptance criteria, or the presence/absence of the analyte cannot be determined from the data.
Y	The laboratory analysis was performed on an unpreserved or improperly preserved sample.
#	Results are not compliant with the NELAC standards.
*	Non-NELAP accredited.

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Potential Source	Guidelines
Acid Mine Drainage	Low pH and iron deposition due to mine drainage based upon actual observation and/or other existing data.
Agriculture	General agricultural related activities based upon satellite land use, actual observation and/or other existing data.
Animal Feeding Operations (NPS)	Open area feedlots or animal holding buildings and impervious areas based upon satellite land use, actual observation and/or other existing data.
Aquaculture (Not Permitted) or Aquaculture (Permitted)	Fish production facility based upon actual observation and/or other existing data.
Atmospheric Deposition – Acidity, or Atmospheric Deposition – Nitrogen, or Atmospheric Deposition – Toxics	Atmospheric deposition of nutrients, minerals, etc based upon actual observation and/or other existing data.
Channelization	Straightening of stream meanders based upon actual observation and/or other existing data.
Combined Sewer Overflows	Combined sanitary and storm sewer overflow based upon Facility-Related Stream Survey, Agency effluent monitoring, Discharge Monitoring Reports and/or other existing data.
Contaminated Sediments	High concentrations of metals and organic compounds in sediment based upon actual observation and/or other existing data.
Crop Production (Crop Land or Dry Land)	Nonirrigated crop production based upon satellite land use, actual observation and/or other existing data.
Dam Construction (Other than Upstream Flood Control Projects)	Dam construction activities based upon actual observation and/or other existing data.
Discharges from Biosolids storage, application or disposal	Storage, application or disposal of sludge based upon actual observation and/or other existing data.
Drainage/Filling/Loss of Wetlands	Draining or filling in of wetland areas based upon actual observation and/or other existing data.
Dredge Mining	Underwater mining (e.g., sand and gravel) activities based upon satellite land use, actual observation and/or other existing data.
Dredging (e.g., for Navigation Channels)	Deepening of stream channels based upon actual observation and/or other existing data.
Golf Courses	Golf course runoff directly to water
Habitat Modification - other than Hydromodification	General alteration of riparian habitat based upon actual observation and/or other existing data
Highway/Road/Bridge Runoff (Nonconstruction Related)	Salt and pesticide runoff from highways, roads & bridges based upon actual observation and/or other existing data.
Highways, Roads, Bridges, Infrastructure (New Construction)	Highway/road/bridge construction activities based upon actual observation and/or other existing data.
Impacts from Abandoned Mine Lands (Inactive)	Abandoned mining operation based upon actual observation and/or other existing data.

Potential Source	Guidelines
Impacts from Hydrostructure Flow Regulation/Modification	Alteration of normal flow regimes (e.g., dams, channelization, impervious surfaces, water withdrawal) based upon actual observation and/or other existing data.
Inappropriate Waste Disposal	Illegal waste disposal sites based upon actual observation and/or other existing data.
Industrial Land Treatment	Land application of industrial wastes based upon actual observation and/or other existing data.
Industrial Point Source Discharge	Industrial point source discharge based upon Facility-Related Stream Survey, Agency effluent, DMR and/or other existing data.
Irrigated Crop Production	Irrigated crop production based upon satellite land use, actual observation and/or other existing data.
Lake Fertilization	Artificial fertilization activities (e.g., addition of triple super-phosphate to create algal blooms for macrophyte control or enhance lake fertility) based upon actual observation and/or other existing data.
Landfills	Leachate and/or runoff from landfills based upon actual observation and/or other existing data.
Leaking Underground Storage Tank Leaks	Leaks from storage tanks based upon actual observation and/or other existing data.
Livestock (Grazing or Feeding Operations)	Riparian and/or upland pastureland grazing based upon satellite land use, actual observation and/or other existing data
Loss of Riparian Habitat	Removal of riparian vegetation based upon actual observation and/or other existing data.
Marina Boat Construction, or Marina Boat Maintenance, or Marina Dredging Operations, or Marina Fueling Operations, or Marina-related Shoreline Erosion, or Marina/Boating Pumpout releases, or Marina/Boating Sanitary On-vessel Discharges	In-water and on-land releases based upon actual observation and/or other existing data.
Mill Tailings	Milling operations based upon satellite land use, actual observation and/or other existing data.
Mine Tailings	Mine processing activities (e.g., gob piles) based upon satellite land use, actual observation and/or other existing data.
Municipal Point Source Discharges	Municipal point source discharge based upon Facility-Related Stream Survey, Agency effluent, DMR and/or other existing data.
Natural Sources	See source methodology.
On-site Treatment Systems (Septic Systems and Similar Decentralized Systems)	Septic system leachate or surface runoff based upon actual observation and/or other existing data.
Other Recreational Pollution Sources	Other recreational impacts based upon actual observation and/or other existing data.

Potential Source	Guidelines
Other Spill Related Impacts	Accidental spills based upon actual observation and/or other existing data.
Permitted Silvicultural Activities	General forest management related runoff based upon satellite land use, actual observation and/or other existing data.
Pesticide Application	Herbicide/algicide applications (e.g., eradication of a beneficial macrophyte community, reduced dissolved oxygen levels after application) based upon actual observation and/or other existing data.
Petroleum/Natural Gas Activities	Oil and gas production activities based upon satellite land use, actual observation and/or other existing data.
RCRA Hazardous Waste Sites	Hazardous waste leachate or surface runoff based upon actual observation and/or other existing data.
Runoff from Forest/Grassland/Parkland	Watershed related nonpoint source runoff other than from previously specified sources (e.g., lawn or parkland fertilization, leaf litter/forest bed runoff) based upon actual observation and/or other existing data.
Salt Storage Sites	Salt storage for winter highway maintenance based upon actual observation and/or other existing data.
Sanitary Sewer Overflows (Collection System Failures)	Broken sanitary sewer line or overflow based upon Facility-Related Stream Survey, Agency effluent and/or other existing data.
Septage Disposal	Disposal of septic tank sludge based upon actual observation and/or other existing data.
Site Clearance (Land Development or Redevelopment)	New residential/commercial construction activities based upon actual observation and/or other existing data.
Source Unknown	No identifiable source based upon available information.
Specialty Crop Production	Truck farming, orchards, or horticultural areas based upon satellite land use, actual observation and/or other existing data.
Streambank Modifications/Destabilization or Littoral/Shore Area Modifications (Nonriverine)	Shoreline modification/destabilization activities (e.g., bank erosion, rip rap, loss of habitat) based upon actual observation and/or other existing data.
Subsurface (Hardrock) Mining	Subsurface coal mining activities based upon satellite land use, actual observation and/or other existing data.
Surface Mining	Surface mining (e.g., coal, limestone) activities based upon satellite land use, actual observation and/or other existing data.
Unpermitted Discharge (Domestic Wastes)	Wildcat sewer discharge based upon Facility-Related Stream Survey, Agency effluent and/or other existing data.
Upstream Impoundments (e.g., PI-566 NRCS Structures)	Upstream impoundment based upon actual observation and/or other existing data.
Urban Runoff/Storm Sewers	Urban and storm sewer runoff based upon actual observation and/or other existing data.
Waterfowl	Nutrient enrichment from waterfowl wastes based upon actual observation and/or other existing data.