

**LAKE SPRINGFIELD WATERSHED SURVEY - June 2015
SURVEY RESULTS**

	57 Surveys Mailed/Returned as of 6/8/2015	73 Surveys from Bus tour/Sub-watershed meetings as of 8-24-2015	Lake Shore Improvement Mtg 14 surveys received 8-25-2015	Final Total 144 Surveys
Which of the following resource concerns do you feel is most important when addressing the water quality of Lake Springfield and it's watershed?				
All are very important	29	33	11	73
Sedimentation/Soil Loss	20	20	9	49
Soil Erosion	20	21	7	48
Nutrients	16	24	8	48
Pesticides	16	14	7	37
Wildlife Habitat	9	6	3	18
Land use Change	7	5	3	15
Other	2	3	1	6
Please check the boxes of all the agricultural issues you think need to be addressed in the watershed plan:				
Fertilizer application/runoff	26	41	6	73
Soil erosion (gully, rill, streambank, wind)	24	28	6	58
Groundwater quality	22	27	4	53
Highly erodible land (HEL) not being properly managed	21	24	5	50
All of the above	19	15	11	45
Pesticide application/runoff	18	22	6	46
Land use change – urban development of agricultural cropland	15	15	2	32
Sedimentation rates (streambank, timber, pasture)	15	24	5	44
Tillage practices	13	18	6	37
Diminishing wildlife habitat	12	10	2	24
Surface water runoff	12	19	5	36
Livestock feed operations/pasture management	7	9	4	20
Tile – subsurface drainage management	6	15	4	25
Roadside maintenance	5	10	2	17
Other	2	0	0	2
Please check the boxes of all the urban issues you think need to be addressed in the watershed plan:				
Fertilizer application/runoff	27	23	7	57
Trash and garbage in ditches – illicit dumping	21	22	2	45
Pesticide application/runoff	20	15	6	41
Land use change – development	19	16	3	38
Septic systems draining into Lake Springfield and watershed streams	19	21	8	48
All of the above	17	17	9	43
Urban runoff	16	17	3	36
Golf courses around or flowing into Lake Springfield and watershed streams	15	17	1	33
Urban erosion (construction areas—residential and commercial)	15	14	4	33
Stormwater runoff/management	14	8	7	29
Water quantity	13	12	4	29
Shoreline preservation/erosion – leaseholders' responsibilities	12	12	5	29
Invasive species in woodlands	11	11	5	27
Resident geese population—other wildlife problems	11	8	5	24
Urban residential and commercial development – use of retention ponds	10	11	3	24
Property negligence – cutting down trees	9	7	3	19
Staging of inbound water into Lake Springfield	7	6	6	19
Rainwater and green infrastructure utilization	6	1	4	11
Other	4	2	0	6
Please check the boxes of all the goals you think should be addressed in the watershed plan:				
Reduce surface water runoff from farm fields	22	19	5	46
Improve environmental education and outreach efforts to the public	21	17	4	42
Identify and secure stable cost-share funding sources for implementation of Best Management Practices (BMPs)	20	18	6	44
Reduce urban stormwater runoff	20	19	3	42
All of the above	18	16	8	42
Improve groundwater quality	16	21	4	41
Meet the 45% reduction goal for nutrients, as outlined in Illinois' Nutrient Loss Reduction Strategy (NLRs)	16	19	7	42
Enhance the quality and quantity of wildlife habitat	15	13	3	31
Support controlled urban development	15	11	2	28
Promote prime farmland preservation and protection	14	13	3	30
Meet IEPA's Total Maximum Daily Load (TMDL) load reduction strategy (LRS) for total suspended solids and aquatic algae in Lake Springfield	11	16	6	33
Meet IEPA's TMDL water quality standard for phosphorus in Lake Springfield and Sugar Creek	11	20	6	37
Restore and improve aquatic habitat	9	6	3	18
Improve recreational opportunities	4	5	4	13
Other	2	0	1	3

Demographic Questions				
Before receiving this survey, did you know you lived, worked or owned property in the Lake Springfield Watershed (LSW)?				
Yes	54	49	11	114
No	3	4	0	7
How long have you lived in the Lake Springfield Watershed (See attached LSW map) _____ years?				
62, 75, 84, 78, 77, 40, 43, 70, 7, 50+, 25, 60, 79, 60, 70, 42, 50, 38, 0, 85, 88, 57, 45, 25, 20, 44, 70, 15, 66, 45, 40, 57, 34, 3, 77, 50, 59, 32, 39				
Please check the box which includes your age:				
Under 20	0	0	0	0
20 - 35	2	9	0	11
36 - 50	7	10	0	17
51 - 65	20	21	9	50
66 - 80	26	16	5	47
Over 80	3	1	0	4
Please check all of the boxes that apply to you.				
Farm owner or farm operator who lives in the Lake Springfield Watershed (LSW)	43	39	0	82
Homeowner/renter who lives in an unincorporated rural area within the LSW	12	16	1	29
Lake Springfield leaseholder/resident	3	4	14	21
LSW landowner or farm operator, but do not live in LSW	7	11	0	18
LSW landowner whose land is overseen by a professional management company or individual	3	0	0	3
Live in one of the incorporated villages in the LSW (Auburn, Chatham, Curran, Glenarm, Loami, Southern View, Thayer, Virden, Waverly)	10	15	0	25
Own commercial property in the LSW	4	3	0	7
Work in the LSW	8	13	2	23
Other - interested party not living in LSW	1		0	1
Other - live outside this area	1		0	1
Other - work for farmer in watershed		1	0	1
Other - prevent flooding on Sugar Creek		1	0	1
Other - regular boater on lake & resident of Spfld		1	0	1
Please check all of the boxes that apply to you				
Drinking water supply provided by City of Springfield's City Water, Light and Pwer (CWLP)	18	11	14	43
Another municipal public water supply provides my drinking water	21	24	0	45
Have a private water well as my drinking water source	23	21	0	44
Am on a municipal sewer system	9	8	3	20
Have a private septic system	31	35	8	74
Other - use CWLP bottled water for drinking/cooking--we transport	1	0	0	1
Additional Comments:				
My Grandpa bought the farm in early 40's				
Own residential property in LSW (vacant and for rent now)				
Too many deer eating and destroying corn crop.				
Too many resident geese				
Homeowners' fertilizer on yards running off in Lake Springfield				
It all comes down to money--reward good stewards.				
Needs to be more CRP along creeks				
Strong fertilizer applications to yards in watershed				
Increase filter strips & CRP along creeks will control the most run-off and nutrient movement.				
Coal ash--heavy metals pollution--coal ash accumulation of heavy metals, arsenic, etc.				
Reduce motor boat oil contamination				
Convert coal plant to renewable energy--promote and add wind and solar				
Live in Panther Creek--they are using much better practices on golf course				
Additional Comments from Sub-Watershed Meetings				
Installed a pattern tile system. Effluent could be put through a wood chip filter to help erosion and tile nitrate reduction				
Weather may + sharpen ??				
ershed steeping community to become more competitive on funding for nutrient management; focus on bad apples to help sway adoption of better practices				
hard seawalls on lake are a problem				
reduce geese population				
public education; proper application times of fertilizers and herbicides				
continue to prevent flooding along Sugar Creek				