



On Tuesday, July 21, 2015, the Springfield City Council voted on an ordinance in support of Hunter Lake as the preferred option for a supplemental water source for City Water, Light and Power customers in Springfield and surrounding communities. This vote re-affirms to the EPA and the U.S. Army Corps of Engineers that the City intends to pursue Hunter Lake rather than other alternatives. The City Council and CWLP are engaged in moving forward with the application and permitting process expeditiously.

Hunter Lake

The Illinois State Water Survey (ISWS) has defined Lake Springfield as an inadequate system with a greater than 50% probability that it wouldn't be able to provide Springfield's current rate of water demand through a severe drought. The ISWS predicts a 90% probability that the 100 year drought would cause the CWLP power plants to shut down for approximately six months. In lesser droughts of record, the City of Springfield has implemented water restrictions in 2012, 2000 and 1988.

Following the recent completion of updated water demand studies and cost analyses of multiple supplemental water options, CWLP officials recently recommended Hunter Lake as the City's preferred option to withstand drought. The current proposal establishes that Hunter Lake would include a permanent green space and natural wildlife area; and that it would be managed in partnership with the Illinois Department of Natural Resources.

STATS

• Storage Capacity(BG)	15.3	• Average Depth (ft.)	14.6
• Surface Area (Acres)	3,010	• Top of dam elevation	571 FSL
• Watershed-(Sq. miles)	130	• Marginal Land (acres)	4,785
• Drought yield-(mgd-2013)	21.3	• Total acres	7,795
• Miles of Shoreline	95	• Total Project Cost	\$108,273,900
• Maximum Depth (ft.)	46		

FAQs

- Location: southeast of Lake Springfield
- Size: 359 parcels totaling 7,138 acres already purchased; 667 acres remain to be purchased
- Land Use:
 - ✓ Agricultural - 3,101 acres- 39.8%
 - ✓ Forest - 2,705 acres- 34.7%
 - ✓ Grasslands- 1,858 acres - 23.8%
 - ✓ Urban/Built-up areas- 100 acres- 1.3%
 - ✓ 1,108 acres of farmland would be inundated
- The City of Springfield and IDNR in partnership will develop marginal lands around Hunter Lake for public access
- Water Rights- Reservoir would be periodically drawn down to supplement Lake Springfield as needed during drought using the South Fork Pump Station
- Reservoir Design- 1,700-foot earthen dam with a 325-foot fixed crest principal spillway and a 400-foot emergency spillway