

## Fort Thomas Treatment Plant North Reservoir

The Fort Thomas Treatment Plant's North Reservoir sediments removal project is taking shape. Over 50 years of sediment will be removed from the reservoir during the next several months. The water within the reservoir will need to be drained in order to have access to all the sediment.



To help preserve the fish in the North Reservoir, the fish were scheduled to be removed. On Saturday, August 29, 2020 in partnership with Thomas More University's Center for Ohio River Research and Education and the Northern Kentucky Water District's staff, the fish removal took place. Dr. Chris Lorentz from Thomas More University and three students brought the University's electrofishing boat and supplies including an electro fisher, generator

and nets. The team on the boat used nets to gather the fish after the electroshock was applied. The fish were then offloaded to the team on the shore and were placed in a large tank on the trailer. Afterwards, they were transported to be released in the South Reservoir.



The team successfully removed approximately 239 fish of a variety of species. The species and the amount of fish were very similar to what one would see in the Ohio River. A big thanks goes out to all who participated in the event.



Common Name	Scientific Name	Approx. #
Bluegill	<i>Lepomis macrochirus</i>	5
Channel Catfish	<i>Ictalurus punctatus</i>	1
Common Carp	<i>Cyprinus carpio</i>	2
Emerald Shiner	<i>Notropis atherinodes</i>	50
Freshwater Drum	<i>Aplodinotus grunniens</i>	5
Gizzard Shad	<i>Dorosoma cepedianum</i>	100
Golden Redhorse	<i>Moxostome erythrurum</i>	2
Highfin Carpsucker	<i>Carpiondes velifer</i>	2
Largemouth Bass	<i>Micropterus salmoides</i>	1
Mimic Shiner	<i>Notropis volucellus</i>	25
Quillback Carpsucker	<i>Carpiondes cyprinus</i>	1
River Carpsucker	<i>Carpiondes carpio</i>	3
River Shiner	<i>Notropis blennioides</i>	25
Sauger	<i>Sander canadensis</i>	5
Smallmouth Bass	<i>Micropterus dolomieu</i>	1
Smallmouth Buffalo	<i>Ictiobus bubalus</i>	5
Smallmouth Redhorse	<i>Moxostoma breviceps</i>	4
Spotted Bass	<i>Micropterus punctulatus</i>	1
White Bass	<i>Morone chrysops</i>	1

Longnose Gar\*

*Lepisosteus osseus*

\*saw the gar, but did not collect it

