



## PUBLIC NOTICE

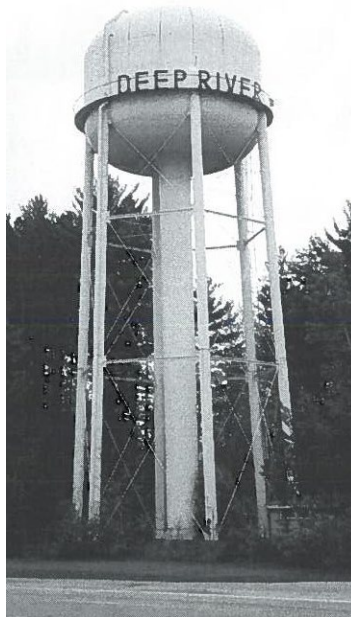
December 22<sup>nd</sup>, 2022 – FOR IMMEDIATE RELEASE

### UPDATE ON 2022 WATER TOWER REHABILITATION PROJECT

---

The “wrapping” is ready to come off the \$2.6 million Town of Deep River Water Tower Rehabilitation Project as the slow reveal process will commence on Tuesday, December 27<sup>th</sup>. This process begins with the removal of the tarps and hoarding system followed by the dismantling of the 21-story scaffolding structure. The forecasted schedule anticipates completion of the scaffold dismantling by January 31<sup>st</sup>, 2023.

The Town of Deep River water tower was originally constructed in 1961 and is a multi-leg elevated steel spheroid design. The tower has a diameter of 14 meters, height of 39.6 meters, and storage capacity of approximately 330,000 gallons.



The 2022 Water Tower Rehabilitation Project is a continuation of the work that originally began in 2013, which consisted of repairing a leak by welding the outside of the tower and coating it with epoxy to protect the steel. During the 2013 project the tower was taken offline and drained which allowed for a complete inspection to determine the condition and the resulting necessary work was scheduled to be completed in 2014.

The 2014 project focused primarily on replacement of the interior lining and safety compliance issues but also included a relatively small amount of exterior coating touch up work. At this time an analysis of the paint and coating was conducted on the interior and exterior of the tower which concluded that both coatings contained lead. However, after sandblasting the blast media was tested for lead content and came in under the threshold that would require that it be disposed of as hazardous waste.

The exterior “touch up” work that was included in the 2014 project was clearly identified as a temporary intervention in an effort to slow down the deterioration of the exterior coating. In the approximate 61-year life of the water tower the exterior has been repainted several times but has never had any of the previous or original coatings removed.

In 2021, a Water Tower Condition Assessment was conducted to determine the scope of the 2022 Water Tower Rehabilitation Project, which outlined the need for the complete removal and replacement of the exterior coating system via abrasive blasting including steel inspection and repairs as required, complete with the installation of a temporary scaffolding and hoarding system on the exterior of the tank and necessary life safety upgrades.

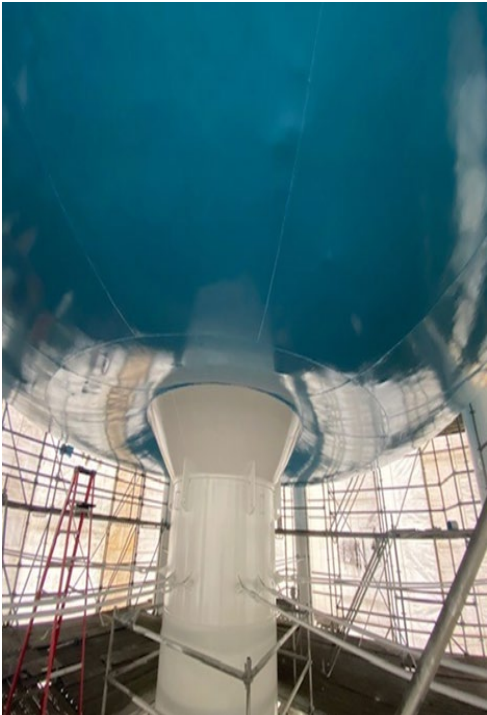
The 2022 Water Tower Rehabilitation Project commenced with the Town contracting CIMA+ for project design, procurement and oversight. As part of the design work an additional two paint sample tests were completed in 2022 to ensure the scope of the project and confirm the required lead abatement, hoarding system and potential hazardous material removal.

Landmark Municipal Services ULC was successful in the tender process and was awarded the project with a commencement date of July 2022. Landmark quickly mobilized to site and began the 52-day process of constructing the 21 stories of scaffolding. To scaffold the multileg tank, the scaffolding was built on the inside of the legs to access the bottom of the reservoir and on the outside of the legs to access the majority of the surfaces. During the construction of the scaffolding the necessary life safety upgrades to the tower were complete as well as interior spot checks and touch-ups. Following this, the exterior blasting began at the top of the tower working down towards the bottom. The blast media was analyzed and came in just under the threshold for hazardous waste material.

Landmark, working a 7-day work week recently completed the painting and coating of the water tower and following this the week-long process to bring the tower back into

service began on December 5<sup>th</sup>, 2022 being fully back in service as of December 9<sup>th</sup>, 2022. Quality assurance identified paint touch-up work which was addressed and site demobilization began in preparation of the scaffolding dismantling.

Town staff would like to take this time to thank residents for their patience and understanding as this critical upgrade to the water distribution system was complete and remind residents that all project updates can be found on the Municipal Project Page on the Town's website.



Have a safe and happy holiday!