

CARBON FEED BULLET POINTS

- **Justification Statement: This ordinance is a mandated improvement per the Ohio Environmental Protection Agency (OEPA). Progress toward completing the project is being monitored monthly by the OEPA.**
- This ordinance authorizes funding to complete the second phase of system upgrades for the carbon storage and feed facilities at the Low Service Pumping Station.
- The first phase constructed in 2015 included new dry bulk storage tanks installed at both Collins Park and low service, and increased carbon feed capacity at low service. This work was performed as a part of an emergency short term HAB project funded by OEPA as authorized by Ordinance 545-15.
- It is now timely to move forward with the second phase of the carbon feed improvements as the ozone project, which will serve as the long term treatment barrier for removal of HAB toxins, is nearing completion.
- The second phase and long term carbon feed improvements include upgrade of the existing carbon storage and feed systems at low service conforming to current standards and replacing storage and mixing facilities originally installed in the 1960's.
- The project includes relocation of the two bulk storage tanks from the treatment plant to low service. The tanks were originally installed at Collins Park to provide temporary carbon feed capability at the plant site until the new ozone facilities became operational. Relocation of the tanks is necessary to improve operational flexibility and replace aging underground storage and mixing facilities in need of replacement.
- This ordinance reduces the account balance remaining from the Plant Wide Power Improvements and re-appropriates the funds to construct the carbon storage and feed facilities.
- Funds authorized by this ordinance are available from the 2013 Water Bond issuance.
- The debt service to retire the Series 2013 Water Bonds is included in the current water rate model.