

Public Utilities
Water Treatment

3040 York St.
Toledo, Ohio 43605
phone 419-936-3021
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toledo.oh.gov

DATE: October 14, 2025

TO: Natalie Bronaugh, Interim Commissioner, Purchasing and Supplies

THRU: Abby Arnold, Deputy Mayor, Office of the Mayor ^{4/4/21}
Douglas R. Stephens, P.E., Director, Public Utilities ^{DRS}
Patekka Bannister, Deputy Director, Public Utilities ^{PB}
Andrew P. McClure, P.E., Commissioner, Plant Operations ^{APM}
Michael L. Somerville, Plant Administrator, Water Treatment ^{MLS}

FROM: Brian Loudenslager, Operator of Record, Water Treatment ^{BL}

SUBJECT: **Collins Park Water Treatment Plant – West Ozone Contactor #2, Emergency Repairs - PO#**

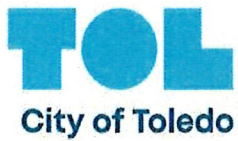
Ozone is an integral stage in our treatment process that is used to combat Harmful Algal Blooms (HABs), reduce Total Organic Carbon (TOC), and support taste & odor control. Unfortunately, we are currently experiencing an issue associated with the Victaulic coupling on the 42-inch influent of the West Ozone Contactor (WOC) #2. The Victaulic coupling that is leaking is just downstream of the pipeline flash reactor where ozone is injected into the water. This leak is allowing highly concentrated ozone to off-gas into the basement of the WOC facility.

This is an immediate safety concern, while also creating the potential to significantly strain our treatment process. HAB season is defined by OEPA as running from June 1st thru November 30th. Specifically, the removal of WOC #2 from our treatment train reduces our overall Ozonating capacity by 25% and increases the potential for OEPA violations.

At this time, the use of WOC #2 is critical to our response efforts in combatting HAB and TOC events. Our maintenance and engineering teams, have determined that replacing the compromised gasket within the Victaulic Coupling with a higher-rated silicone gasket is our best and most efficient path forward to return the contactor to service in a timely manner.

The plant quickly started the process for an emergency PO request and has contacted Etna Supply-Toledo to provide the necessary materials.

The Emergency Purchase Order request includes the cost of silicone gaskets required to address the leak within the 42-inch influent pipe on WOC #2. One gasket will be used for the immediate emergency repair, three will be installed to replace the remaining gasketed couplings, and one will be retained as a spare for future use. The estimated total cost is \$20,550.00 (5 @ \$4,110.00 each).



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We respectfully request consideration and approval on behalf of the Division of Water Treatment. Thank you for your assistance in this urgent matter. Please do not hesitate to contact me at (419) 936-2694 if you have any concerns.

BL:esp
Attachments:

Signature: 
Email: andrew.mcclure@toledo.oh.gov

Signature: 
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