

RESOLUTION 04-2022-01

AUTHORIZING THE UTILITIES DIRECTOR TO PURCHASE  
REPLACEMENT PUMPS FOR THE ATAD PROCESS  
AT THE WATER POLLUTION CONTROL FACILITY

WHEREAS, the City of Bowling Green, Ohio, owns and operates the Water Pollution Control (WPC) facility which utilizes the Autothermal Thermophilic Aerobic Digestion (ATAD) process to produce Class A Sludge; and

WHEREAS, the ATAD process causes wear on the internal pump parts which then requires replacement of the pumps from time to time; and

WHEREAS, staff recommends purchasing three replacement pumps at this time with an estimated cost of \$96,000; and

WHEREAS, the 2022 Water & Sewer Capital Improvement Fund (4017) budgeted \$100,000 for the purchase of the ATAD pumps; and

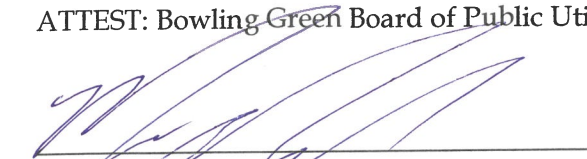
WHEREAS, the replacement pumps have a 30 to 48-week delivery time and are only available from one supplier due to the need for an original equipment manufacturer (OEM) replacement; now therefore

BE IT RESOLVED, a majority of the Bowling Green Board of Public Utilities authorizes the Utilities Director to execute an agreement with Thermal Process Systems, Inc. without advertising for the purchase of three (3) Original Equipment Manufacturer (OEM) pumps for the ATAD process; and

BE IT FURTHER RESOLVED, that the Bowling Green City Council is requested to concur in the Board of Public Utilities action by approving legislation, including three readings at their next meeting to expedite the purchase process due to the long delivery time.


ADOPTED this 11<sup>th</sup> day of April 2022

ATTEST: Bowling Green Board of Public Utilities



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Megan Newlove, Chair



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Andy Wagner, Secretary

RESOLUTION 04-2022-02

AUTHORIZING THE UTILITIES DIRECTOR TO ADVERTISE FOR QUALIFICATIONS AND ENTER INTO A CONTRACT(S) FOR ENGINEERING SERVICES FOR FINAL CLARIFIERS AT THE WATER POLLUTION CONTROL FACILITY

WHEREAS, the Water Pollution Control Facility currently has two 100' diameter final clarifier tanks each rated at 10.0 MGD for a combined capacity of 20.0 MGD; and

WHEREAS, the wet weather flow capacity of the plant is rated for 30.0 MGD and at times the final clarifiers can be overloaded during extended periods of treatment flow above 20.0 MGD which then causes the downstream filters to be overloaded which causes the plant to exceed NPDES permit limits for Total Suspended Solids (TSS); and

WHEREAS, additional final clarifier capacity is needed to fully treat the 30.0 MGD wet weather flow and eliminate future TSS violations; and

WHEREAS, staff recommends we begin design work on the project in late 2022 in order to be ready for construction to occur in early January 2024; and

WHEREAS, staff recommends an Ohio EPA Water Pollution Control Loan Fund design loan be used to pay engineering design fees associated with the project; now therefore

BE IT RESOLVED, a majority of the Bowling Green Board of Public Utilities authorize the Utilities Director to advertise for qualifications and enter into a contract(s) for design engineering services including detailed design, construction document preparation, bidding, and construction administration for final clarifiers at the Water Pollution Control Facility; and

BE IT FURTHER RESOLVED, that the Bowling Green City Council is requested to concur in the Board of Public Utilities action by granting legislative approval.

ADOPTED this 11<sup>th</sup> day of April 2022

ATTEST: Bowling Green Board of Public Utilities

By:

Megan Newlove, Chair

By:

Andy Wagner, Secretary

RESOLUTION 04-2022-03

AUTHORIZING THE UTILITIES DIRECTOR TO EXECUTE A LOAN AGREEMENT WITH THE OHIO EPA / OHIO WATER DEVELOPMENT AUTHORITY (OWDA) FOR A WATER POLLUTION CONTROL LOAN FUND (WPCLF) LOAN FOR DESIGN AND ENGINEERING SERVICES FOR FINAL CLARIFIERS AT THE WATER POLLUTION CONTROL FACILITY

WHEREAS, the Water Pollution Control Facility currently has two 100' diameter final clarifier tanks each rated at 10.0 MGD for a combined capacity of 20.0 MGD; and

WHEREAS, the wet weather flow capacity of the plant is rated for 30.0 MGD and at times the final clarifiers can be overloaded during extended periods of treatment flow above 20.0 MGD which then causes the downstream filters to be overloaded which causes the plant to exceed NPDES permit limits for Total Suspended Solids (TSS); and

WHEREAS, additional final clarifier capacity is needed to fully treat the 30.0 MGD wet weather flow and eliminate future TSS violations; and

WHEREAS, staff recommends we begin design work on the project in late 2022 in order to be ready for construction to occur in early January 2024; and

WHEREAS, staff recommends an Ohio EPA Water Pollution Control Loan Fund design loan be used to pay engineering design fees associated with the project; now therefore

BE IT RESOLVED, a majority of the Bowling Green Board of Public Utilities authorize the Utilities Director to enter into a design loan agreement with the OEPA/OWDA for a Water Pollution Control Loan Fund (WPCLF) loan for all engineering services associated with the final clarifiers at the Water Pollution Control Facility; and

BE IT FURTHER RESOLVED, that the Bowling Green City Council is requested to concur in the Board of Public Utilities action by granting legislative approval.

ADOPTED this 11<sup>th</sup> day of April 2022

ATTEST: Bowling Green Board of Public Utilities

By:

  
Megan Newlove, Chair

By:

  
Andy Wagner, Secretary

RESOLUTION 04-2022-04

AUTHORIZING THE UTILITIES DIRECTOR TO TRANSFER APPROXIMATELY  
4.2 ACRES IN THE INNOVATIVE TECHNOLOGY PARK TO  
BOWLING GREEN ECONOMIC DEVELOPMENT

WHEREAS, The City of Bowling Green has worked in partnership with Bowling Green Economic Development (BGED) for many years to encourage economic development, job creation, and utility sales growth; and

WHEREAS, the City of Bowling Green owns property for industrial and economic development purposes in the Innovative Technology Park; and

WHEREAS, BGED has an interested buyer of parcels B07-511-280001008000 and B07-511-280001009000 which makes approximately 4.2 acres; and

WHEREAS, the City would transfer the property to BGED and upon the sale of property the City would receive a credit of \$10,000 per acre towards the City's annual BGED dues which will be approximately \$42,000 for this transfer; now therefore

BE IT RESOLVED, a majority of the Bowling Green Board of Public Utilities authorizes the Utilities Director to transfer approximately 4.2 acres to BGED, in exchange for a credit towards the City's annual BGED dues.

ADOPTED this 11<sup>th</sup> day of April 2022

ATTEST: Bowling Green Board of Public Utilities

By:

  
Megan Newlove, Chair

By:

  
Andy Wagner, Secretary

RESOLUTION 04-2022-05

AUTHORIZING ECOSMART CHOICE GRANT FUNDS TO BE APPLIED TO MONTHLY FACILITIES CHARGES INCLUDED IN RIDER E, RENEWABLE PARALLEL GENERATION

WHEREAS, the City offers the EcoSmart Choice program to electric customers that allows customers to voluntarily pay an additional charge per kWh to support renewable energy projects; and

WHEREAS, the City received \$2,113 in EcoSmart Choice grant funds from AMP due to funds that were not spent on REC's in 2021 due to lower REC prices than anticipated and the grant funds are intended to be spent on sustainability efforts; and

WHEREAS, the City's Electric Rate Schedule includes Rider E, Renewable Parallel Generation, that includes a Monthly Facilities Charge for a customer's renewable energy generating facility on the customers property; and

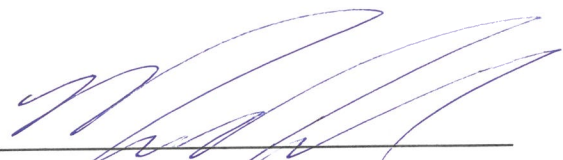
WHEREAS, the grant funding could be applied to the Monthly Facilities Charge beginning with the May 2022 billing cycle to support renewable energy efforts; and

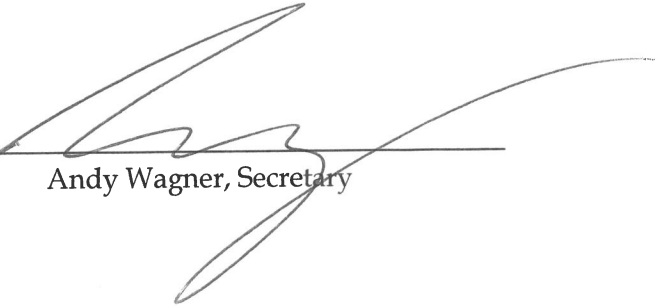
WHEREAS, funds would potentially last thru September 2023 billing cycle depending on the number of customers eligible for the billing credit; now therefore

BE IT RESOLVED, a majority of the Bowling Green Board of Public Utilities authorizes the 2022 EcoSmart Choice grant funds to be applied to Monthly Facilities Charges included in Rider E, Renewable Parallel Generation beginning with the May 2022 billing cycle until such time that the funds no longer cover the Monthly Facilities Charge of all eligible customers.

ADOPTED this 11<sup>th</sup> day of April 2022

ATTEST: Bowling Green Board of Public Utilities

By:   
Megan Newlove, Chair

By:   
Andy Wagner, Secretary

RESOLUTION 04-2022-06

AUTHORIZING THE UTILITIES DIRECTOR TO ADVERTISE FOR QUALIFICATIONS AND ENTER INTO A CONTRACT(S) FOR ENGINEERING SERVICES FOR LIGHTING IMPROVEMENTS AT CARTER PARK

WHEREAS, the City has collaborated with the Bowling Green Youth Baseball (BGYB) organization to provide baseball programs at Carter Park since 1985; and

WHEREAS, the City installed the current light poles and light fixtures at the baseball fields around 1985 and the existing lighting does not meet the sports field lighting standards of modern facilities; and

WHEREAS, BGYB has requested the City consider upgrading the exiting lighting at the baseball fields to meet current sports field lighting standards which will likely require taller steel poles and LED lights that are designed to provide uniform and higher quality lighting across the playing surface; and

WHEREAS, BGYB holds many tournaments throughout the playing season which brings many visitors to Bowling Green and improves the local economy; and

WHEREAS, the electricity for the lights is gratis and the new LED lights will use approximately 50% less energy and reduce expenses for the electric utility to provide the gratis service; and

WHEREAS, the 2022 Electric Capital Reserve Fund budget included \$600,000 for the project and staff recommends proceeding with hiring an engineer to provide design services for the project which may include detailed design, preparing construction documents, bidding, and construction administration; now therefore

BE IT RESOLVED, a majority of the Bowling Green Board of Public Utilities authorize the Utilities Director to advertise for qualifications and enter into a contract(s) for design engineering services which may include detailed design, construction document preparation, bidding, and construction administration for lighting improvements at Carter Park; and

BE IT FURTHER RESOLVED, that the Bowling Green City Council is requested to concur in the Board of Public Utilities action by granting legislative approval.

ADOPTED this 11<sup>th</sup> day of April 2022

ATTEST: Bowling Green Board of Public Utilities

By: \_\_\_\_\_

Megan Newlove, Chair

By: \_\_\_\_\_

Andy Wagner, Secretary