

**RESOLUTION # \_\_\_\_\_ (2020) – AUTHORIZING IAWWTF BOILER REPLACEMENT  
ENGINEERING STUDY**

WHEREAS, the Town of Dryden is a party to a Joint Sewer Agreement among the Town of Dryden, Town of Ithaca and City of Ithaca (“Owners”), dated December 22, 1981, and amended April 11, 1984, which governs the operations of the Ithaca Area Wastewater Treatment Facility (IAWWTF) located at 525 Third Street in the City of Ithaca, and

WHEREAS, the IAWWTF is owned and managed jointly by the City of Ithaca, Town of Ithaca and Town of Dryden, which wastewater treatment facility provides wastewater treatment services for the Town of Dryden Consolidated Sewer District, previously comprising Sewer Benefit Districts known as Varna (SS2), Monkey Run (SS4), Turkey Hill (SS5), Peregrine Hollow (SS6) and Royal Road (SS7) which effective January 1, 2020 became the Town of Dryden Consolidated Sewer District, and

WHEREAS, MRB Group, Engineering, Architecture, Surveying, P.C., submitted a proposal for engineering services dated February 11, 2020 to the Chief Operator of the IAWWTF seeking to prepare a Boiler Evaluation Study in which MRB would evaluate the existing condition of the equipment in the boiler room at the IAWWTF and identifying what equipment will be most useful in the future, and

WHEREAS, the study proposed by MRB proposes to review:

- A. Boiler Evaluation -
  - a. Assess existing boilers.
  - b. Identify replacement boiler options (number, styles, sizes, dual fuel options).
  
- B. Energy Evaluation –
  - a. Evaluate Biogas and Natural Gas usage at plant.

- b. Evaluate redundancy needs.
- c. Evaluate biogas use in microturbines with heat recovery vs use for heating.
- d. Consider potential heating needs for future sludge processing projects.
- e. Check for current grant funding opportunities to see if either the study/design phase or construction phase might be eligible.

WHEREAS the Special Joint Committee (SJC) which provides oversight of the operations of the IAWWTF by resolution adopted on March 18, 2020 recommended to the Owners to establish IAWWTF Capital Project 423J Boiler Room Evaluation in an amount not to exceed \$18,500, and

WHEREAS the SJC recommended to the Owners that this project be authorized and funded from the IAWWTF Capital Reserve fund in an amount not to exceed \$18,500 for the Engineering costs required for Ithaca Area Wastewater Treatment Facility Boiler Room Evaluation, and

WHEREAS, the Boiler Evaluation Study has heretofore been determined by the Town Board to be a "Type II Action" pursuant to the regulations of the New York State Department of Environmental Conservation promulgated pursuant to the State Environmental Quality Review Act, and will not require any environmental review for the following reasons: Under Section 617.5 (c) (24) of the SEQRA regulations information collection including basic data collection and research, water quality and pollution studies, traffic counts, engineering studies, surveys, subsurface investigations and soils studies that do not commit the agency to undertake, fund or approve any Type I or Unlisted action are Type II actions, and

NOW, THEREFORE, BE IT RESOLVED, by the Town Board of the Town of Dryden, as follows:

1. The Town Board finds that the Boiler Engineering Study proposed by MRB is in the public interest.

2. The Town Board authorizes the Boiler Engineering Study which consists of:

A. Boiler Evaluation -

- a. Assess existing boilers.
- b. Identify replacement boiler options (number, styles, sizes, dual fuel options).

B. Energy Evaluation –

- a. Evaluate Biogas and Natural Gas usage at plant.
- b. Evaluate redundancy needs.
- c. Evaluate biogas use in microturbines with heat recovery vs use for heating.
- d. Consider potential heating needs for future sludge processing projects.
- e. Check for current grant funding opportunities to see if either the study/design phase or construction phase might be eligible.

3. The Town Board authorizes payment for the Boiler Engineering Study in an amount not to exceed \$18,500, with the Owner contributions being as follows:

City of Ithaca:           \$10,570.90

Town of Ithaca:         \$7,562.80

Town of Dryden:        \$366.30

4. The Town Board authorizes the IAWWTF Capital Project 423J Boiler Room Evaluation Capital Reserve Fund in an amount not to exceed \$18,500 and that this project be authorized and funded from this Capital Fund. The Town of Dryden’s contribution to the Capital Fund will be paid by expenditure of current revenues and surplus funds from water and sewer rents and charges from the Town of Dryden sewer districts served by the said IAWWTF.

5. The proposed Boiler Evaluation Study Project has heretofore been determined to be a "Type II Action" pursuant to the regulations of the New York State Department of Environmental Conservation promulgated pursuant to the State Environmental Quality Review Act, the implementation of which as proposed, the Town Board has determined, will not require any environmental review for the following reasons: Under Section 617.5 (c) (24) of the SEQRA regulations information collection including basic data collection and research, water quality and pollution studies, traffic counts, engineering studies, surveys, subsurface investigations and soils studies that do not commit the agency to undertake, fund or approve any Type I or Unlisted action are Type II actions.
6. The Town Clerk of the Town of Dryden is directed to attach a copy of the MRB Boiler Engineering Study Proposal to the minutes of the Town Board meeting at which this resolution is approved.

VOTE: