

PWAB 5.

By Legislators Wright and Delehanty

PURE WATERS ADMINISTRATIVE BOARD OF THE
ROCHESTER PURE WATERS DISTRICT

Intro. No. _____

RESOLUTION NO. _____ OF 2021

**AUTHORIZING AN INCREASE AND IMPROVEMENT OF FACILITIES IN THE ROCHESTER
PURE WATERS DISTRICT - FRANK E. VAN LARE WATER RESOURCE RECOVERY FACILITY
SECONDARY CLARIFIER IMPROVEMENTS**

BE IT RESOLVED BY THE PURE WATERS ADMINISTRATIVE BOARD OF THE ROCHESTER
PURE WATERS DISTRICT, as follows:

Section 1. The Pure Waters Administrative Board of the Rochester Pure Waters District hereby requests that the Monroe County Legislature approve an Increase and Improvement of Facilities in the Rochester Pure Waters District in the amount of \$8,000,000 for the capital project entitled "Frank E. Van Lare Water Resource Recovery Facility Secondary Clarifier Improvements" and amend the 2021 Capital Budget and Bond Resolution 278 of 2019 to provide an increase in funding for a total authorization of \$19,000,000.

Section 2. This resolution shall take effect immediately.

File No. 21-0406

ADOPTION: Date: _____ Vote: _____

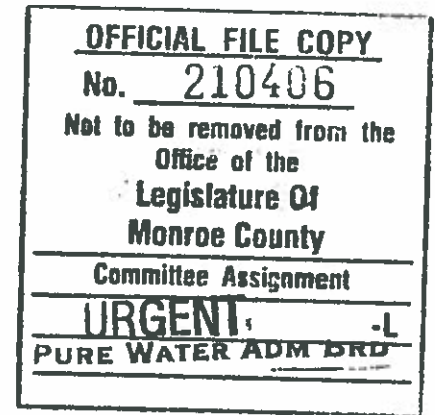


Office of the County Executive

Monroe County, New York

Adam J. Bello
County Executive

November 5, 2021



To The Administrative Board of the
Rochester Pure Waters District
407 County Office Building
Rochester, New York 14614

Subject: Increase and Improvement of Facilities in the Rochester Pure Waters District - Frank E. Van Lare Water Resource Recovery Facility Secondary Clarifier Improvements and Amend the 2021 Capital Budget and Bond Resolution 278 of 2019 to Provide an Increase in Funding

Honorable Legislators:

I recommend that the Administrative Board of the Rochester Pure Waters District approve a request to establish an Increase and Improvement of Facilities in the Rochester Pure Waters District (the "District") in the amount of \$8,000,000 for the "Frank E. Van Lare Water Resource Recovery Facility ("FEV WRRF") Secondary Clarifier Improvements," amend the 2021 Capital Budget and Bond Resolution 278 of 2019 to provide an increase in funding.

The total Increase and Improvement of Facilities in the District is comprised of the "General Collection System and Treatment Plant Improvements" project (\$2,500,000) and the "Frank E. Van Lare Water Resource Recovery Facility Secondary Clarifier Improvements" project (\$8,000,000) for a total estimated cost of the Increase and Improvement of Facilities in the amount of \$10,500,000. The "General Collection System and Treatment Plant Improvements" project is under consideration by Your Honorable Body as a companion referral.

The "Frank E. Van Lare Water Resource Recovery Facility Secondary Clarifier Improvements" project is necessary to provide additional funding for continuation of the FEV WRRF Secondary Clarifier Improvements project (capital fund 1891). Improvements are required to improve the reliability, resiliency and performance of the FEV WRRF secondary clarifier system. This project includes the: replacement of secondary clarifier mechanisms, access bridges, drives, motor control centers, weirs, and wasting pumps; the rehabilitation of clarifier concrete walls and steel corner troughs; the installation of new baffles; and associated electrical, instrumentation and control, heating and ventilation, and site improvements.

Phase A of the project involved improvements to only one of the six secondary clarifiers. The performance of the clarifier was evaluated and it was determined that additional improvements were required to enhance its performance such as the installation of a baffle system, the relocation and adjustment of effluent weirs, and the rehabilitation of the existing corner troughs. Phase B will proceed with making similar improvements in the remaining five secondary clarifiers as well as additional improvements to the test clarifier electrical components, drive and controls. The estimated cost for the Phase B improvements require an increase in funding in the amount of \$8,000,000. The additional cost is due to overall equipment and material cost escalation, the addition of baffles in each clarifier, re-work of the weirs in the test clarifier, and the additional work to rehabilitate the existing corner troughs in the five unimproved clarifiers.

The estimated cost of the improvements is \$19,000,000, with \$11,000,000 previously authorized. The actual debt service obligation for the additional cost of the project, \$8,000,000, as projected in future years, could potentially result in an increase of \$3.29 to the future annual charges of the average District ratepayer. However, the actual impact is typically reduced through the retirement of previous debt and other offsets to the District's capital charge levy. Based on an average water consumption of 60,000 gallons, the total annual charge for both operation and maintenance and capital to the typical District ratepayer in 2021 is \$235.70.

Portions of the project may become eligible for financing through the New York State Water Pollution Control Revolving Loan Fund. It is therefore requested that the County have the ability to submit applications and take any necessary steps to utilize this financing vehicle if it becomes available.

The specific Administrative Board action required is to submit a request to the Monroe County Legislature to approve an "Increase & Improvement of Facilities in the Rochester Pure Waters District" in the amount of \$8,000,000 for the capital project entitled "Frank E. Van Lare Water Resource Recovery Facility Secondary Clarifier Improvements" and amend the 2021 Capital Budget and Bond Resolution 278 of 2019 to provide an increase in funding for a total authorization of \$19,000,000.

This action is a Type II Action pursuant to 6 NYCRR § 617(c)(1) ("maintenance or repair involving no substantial changes in an existing structure or facility") and (2) ("replacement, rehabilitation or reconstruction of a structure or facility, in kind, on the same site, including upgrading buildings to meet building or fire codes, unless such action meets or exceeds any of the thresholds in section 617.4 of this Part") and is not subject to further review under the State Environmental Quality Review Act..

Funding for this project, consistent with authorized uses, will be available in capital fund 1891 once the additional financing authorization requested herein is approved and in any other capital fund(s) created for the same intended purpose. The local funding for this project will ultimately be provided by pure waters district user fees. No additional net County support is required in the current Monroe County budget.

I recommend that this matter receive favorable action by the Administrative Board of the Rochester Pure Waters District.

Sincerely,


Adam J. Bello
Monroe County Executive

AJB:db

By Legislators _____ and _____

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ROCHESTER PURE WATERS DISTRICT

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File No. 21-0

ADOPTION: Date: _____ Vote: _____