

WIA / IMG Application

Submitted to EFC on 6/14/2024.

A. APPLICANT

Name of Applicant: Village of New Paltz
Applying For: Grant Only
Project County: Ulster

Highest Elected Official: Tim Rogers
Title: Mayor
Mailing Address: 25 Plattekill Avenue

City: New Paltz **State:** NY **Postal / Zip Code:** 125611918
Phone: (845) 255-0103 **Email:** mayor@VillageofNewPaltz.org

Authorized Representative: Tim Rogers
Phone: (845) 255-0103 **Email:** mayor@VillageofNewPaltz.org

Daily Contact: Mark Blauer
Phone: (570) 529-4955 **Email:** mblauer@evenlink.com

Consulting Engineer: Brinnier & Larios
Phone: (845) 338-7622 **Email:** rruth@Blengineers.com

B. GRANT CATEGORY

- New York Water Infrastructure Improvement Act WIA grant
- Intermunicipal Water Infrastructure Grants IMG Program grant

C. GENERAL INFORMATION

Project Name: Water System Upgrades & Lead Service Lateral Mitigation Phase 2 - Village of New Paltz
Location: Village of New Paltz
Latitude: 41.745093
Longitude: -74.083385
Legislative Districts: NY Assembly 103 (Primary) Sarahana Shrestha, NY Senate 42 (Primary) James Skoufis, US Congress 19 (Primary) Marc Molinaro

District Name / Service Area: Village of New Paltz
Population of Project Service Area: 6,818

Municipalities / Users Served:

Municipality	Users Served	Data Used
Village of New Paltz	7324.00	2020 US Census
Town of New Paltz	900.00	Engineering Report 2024

Public Water Supply Id Number: BY5503379
Design Start Date: 01/13/2025 Target
Construction Start Date: 03/16/2026 Target
Construction End Date: 07/16/2027 Target

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D. PROJECT INFORMATION

Project Description: The Village water system consists of 37 miles of water main of varying materials and diameters from 2" to 16" with the majority of the system consisting of 8" water main. 7.3 miles of water main is contained within the SUNY campus. The entire distribution infrastructure serves the domestic, commercial and institutional users within the Corporate Limits of the Village of New Paltz including Town of New Paltz Water Districts 1 & 2. Portions of the distribution system exceed 100 years in age and have outlived their life. The Village DPW is routinely burdened with repairing deteriorated broken watermains that are constructed of cast iron pipe of unknown age.

In 2015, we performed an audit of our drinking water system. It showed that just over 45% of the water our municipal system was producing was "non-revenue" water. This meant we were only collecting revenue (water bills) for 55% of the water produced at the treatment plant on Mountain Rest Road. This was the highest rate of non-revenue water the auditor had observed among communities in New York State. Non-revenue water is defined by the American Water Works Association as the sum of unbilled authorized consumption (water for firefighting, hydrant flushing, public buildings, etc.) plus apparent losses (customer meter inaccuracies, unauthorized consumption, etc.) plus real losses (system leakage and storage tank overflows). We made improving this figure a priority and are pleased to report 2023 was another successful year. Non-revenue water averaged 21.5% during the last 2 years through 2023, and 24% during the last 6 years through 2023. However, our goal is to improve to 10% for non-revenue water. Many of the water service connections in the project locations consist of lead pipe and fittings. Additionally these older cast iron pipes might connect to lead service laterals to individual properties - during replacement of cast iron pipes we need to replace lead service laterals wherever encountered. A 2020 EFC WIIA Phase 1 project (EFC #18479) will be completed in 2024 via a Contract #4 underway during June 2024. The Phase 1 project will add another \$87,500 of annual water utility debt service as the Village needed to borrow an additional \$1 million beyond the original EFC WIIA budget. That additional debt service will be levied on water utility users starting with the Village's 2025/2026 budget. This proposed 2024 EFC WIIA Phase 2 project will replace aging water mains and appurtenances, loop existing water mains and replace lead service laterals, identified in our Engineering Report as five separate "projects". These separate projects are (1) Replacement of Distribution System Pressure Reducing Valve and Vault in the vicinity of the aqueduct pump station, (2) Replacement of Watermain on Ridge Road and Lincoln Place, (3) Replacement of Watermain on Southside Avenue from Pencil Hill Road to Route 208, (4) Replacement of Watermain on Wurts Street and Portion of Mohonk Avenue and (5) Installation of Watermain Huguenot Street-Old Kingston Road Connection. Concurrently with the replacement of watermains, any lead service laterals that are encountered will also be replaced. For purposes of bidding we have separated these five (5) projects into three (3) contracts for bidding purposes: Contract #1 (projects 1, 2 & 3), Contract #2 (project 5) and Contract #3 (project 4).

Project Scope Addresses:

- Source
- Treatment
- Storage
- Distribution

Has any portion of your source, treatment, or distribution system been compromised or created a situation where the system users were without water?

No

Is the project required through an enforcement action, such as a DOH violation, DOH and/or EPA consent order, judicial order, compliance schedule?

No

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Describe the project's community impacts, including but not limited to public support for the project, critical community resources served by this project, and economic development impacts.

New Paltz Village has been identified by DEC as an EJ area. We will reduce water loss, minimize main breaks, replace lead water services and provide for greater water pressures throughout the distribution system. Dislocation caused by repairing broken cast iron pipes will be greatly reduced. Replacing the oldest and most problem plagued portions of the system will reduce the excessive 42% of treated water lost to water main leaks and breaks. Lead service pipes and fittings will be removed wherever found from the public water system on the streets where mains are replaced.

Will the impacts of the proposed water quality improvement project demonstrate a benefit to an Environmental Justice (EJ) area or Disadvantaged Community (DAC), community, or street location as indicated on maps available at DEC's website and DECInfo Locator mapper?

Yes If yes, please describe. If no, include a statement that no EJ areas or DACs are served by your project. The Village of New Paltz, in its entirety, has been designated by NYS DEC as an Environmental Justice area. We will reduce water loss, minimize main breaks, replace lead water services and provide for greater water pressures throughout the distribution system. Dislocation caused by repairing broken cast iron pipes will be greatly reduced. Replacing the oldest and most problem plagued portions of the system will reduce the excessive 42% of treated water lost to water main leaks and breaks. Lead service pipes and fittings will be removed from the public water system on the streets where mains are replaced. Our proposed project provides improved water distribution and fire flow to many of our residents. Thus, our proposed WIIA project directly impacts and benefits an EJ area.

Is the project identified in any regional planning initiatives (e.g. a Comprehensive Plan, Regional Planning document, Waterfront Revitalization Plan, Watershed Plan or Estuary Plan, or DEC Nine Element Watershed Plan)?

Yes Description: A local planning document titled "Village and Town of New Paltz, NY Water Demand Management Plan" dated April 18, 2015 cites our water issues. This planning document is included as part of our uploaded Engineering Report.

At "Water Demand Management Program Measures and Options" it states: "Water loss control including component analysis of real losses, comprehensive lead detection, water main and service line repair, and pressure management.

Does the project require easements or land acquisition?

No

Describe the current status of the project and your ability to demonstrate readiness to proceed including, but not limited to, an executed engineering agreement for design services, executed professional service agreements, detailed project schedule, and plans and specifications.

The Village's consulting engineer, Brinnier & Larios, PC, has prepared a detailed engineering report that is included with this 2024 WIIA application. We are prepared to proceed with design within 90 days of award announcement by EFC. All soft costs will be paid out of Village funds which means this project can proceed rapidly once approved. Readiness to proceed is evidenced by our uploaded evidence of site control, adopted SEQRA Type II resolution, evidence of local funding through bonding documents and evidence of SHPO clearance. It should be noted that bond counsel documents uploaded are the same ones uploaded in November 2021, September 2022 and July 2023 for our unsuccessful 2021, 2022 and 2023 WIIA applications as our total budget is again \$2,841,300 - exactly the same as first presented in November 2021.

Will the project require the formation of a new Water/Sewer district or will it extend the district?

No

Has the applicant submitted timely Annual Financial Report Update Documents (AUD) to OSC for each of the last three years?

Yes

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E. TOTAL PROJECT BUDGET

Contracts

Contract Number:	WIIA Projects 1-2-3
Contractor:	Not Applicable - Project has not been designed or bid.
Contract Amount:	\$882,500 Target
Start:	3/16/2026 Target

Contract Number:	WIIA Project 5
Contractor:	Not Applicable - Project has not been designed or bid.
Contract Amount:	\$944,000 Target
Start:	9/14/2026 Target

Contract Number:	WIIA Project 4
Contractor:	Not Applicable - Project has not been designed or bid.
Contract Amount:	\$477,375 Target
Start:	9/14/2026 Target

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Budget

Construction Costs:	
Contract Total:	\$2,303,875
Engineering Costs:	
Planning:	\$0
Design:	\$275,000
Construction:	\$162,425
Other:	\$0
Other Expense:	
Local Counsel:	\$5,000
Bond Counsel:	\$20,000
Work Force - Technical:	\$0
Work Force - Administration:	\$0
Fiscal Services:	\$75,000
Net Interest:	\$0
Miscellaneous:	\$0
Additional Costs:	
Equipment:	\$0
Land Acquisition:	\$0
Contingencies:	\$0
Total Project Costs:	\$2,841,300
Date cost estimate was developed:	6/13/2024

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F. PLAN OF FINANCE

If awarded a grant, please identify all applicable sources of funding available that will be used to pay project costs not covered by the grant being applied for. Please provide as much detail as possible for the source of funds in the plan of finance. as this may impact the grant amount.

Note: Projects that are not using State Revolving Fund SRF financial assistance for the balance of their project:

- will not be added to the SRF Intended Use Plan,
- will not be eligible for Bipartisan Infrastructure Law BIL funding, and
- must demonstrate that you will fund the balance of the project with funding similarly low cost to SRF financial assistance

Municipal Contributions	<input checked="" type="checkbox"/> Not Applicable
Amount: \$0	
Source:	

Municipal Interfund Borrowing	<input checked="" type="checkbox"/> Not Applicable
Amount: \$0	
Source:	

Non-EFC Debt (BAN, Bonds, other) - Debt instruments not provided by EFC. If a BAN is callable, provide a call date.	<input type="checkbox"/> Not Applicable
Amount: \$1,136,250	
Type: BAN/Serial Bond	
Issue Date: 2/15/2022	Call Date: 9/20/2024

Non-EFC Grants - Indicate grant program and status of application/award. Submit grant award letter if received.	<input checked="" type="checkbox"/> Not Applicable
Amount: \$0	Status:
Program:	

Other Funding	<input checked="" type="checkbox"/> Not Applicable
Amount: \$0	
Description:	

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G. EQUIVALENT DWELLING UNITS

Project Number: Not Entered

1. Number of EDUs:	2,880
2. Current Annual Debt Service Payments:	\$920,275
3. Current Operating and Maintenance (O&M) Costs:	\$1,117,942
4. Increase/Decrease in O&M Costs for this Project:	\$0
5. Increase in Annual Debt Service for this Project:	\$101,445
6. Additional cost, including offsetting revenue not included in the O&M or Debt Service payment amounts indicated above, that should be factored into the average cost per EDU:	\$87,500
7. Average Annual Cost per EDU (including this project):	\$773
8. Are there any other projects that would change the O&M or Debt Service?	No

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H. UPLOADED DOCUMENTS

Document Type	File Name	Description	Uploaded Date	Uploaded By Email
Environmental Review Documentation	EFC WIIA 2024 Environmental Review Documents New Paltz Village June 2024.pdf	SEQRA Type II Resolution - Environmental Review Determination - Historic Preservation SHPO Clearances	6/6/2024	mblauer@evenlink.com
EFC Title Certification	EFC WIIA 2024 ROW Certificate Confirming Site Control New Paltz Village.pdf	EFC WIIA ROW Certificate Confirming Site Control New Paltz Village	6/6/2024	mblauer@evenlink.com
SHPO Project Review Determination	EFC WIIA 2024 SHPO Clearance New Paltz Village.pdf	EFC WIIA 2024 SHPO Clearance New Paltz Village	6/6/2024	mblauer@evenlink.com
Bond Resolution	EFC WIIA 2024 Bond Resolution and Related Documents New Paltz Village.pdf	EFC WIIA 2024 Bond Resolution and Related Documents New Paltz Village	6/6/2024	mblauer@evenlink.com
Smart Growth Assessment Form	EFC WIIA 2024 Smart Growth Assessment Form New Paltz Village.pdf	EFC WIIA 2024 Smart Growth Assessment Form New Paltz Village	6/6/2024	mblauer@evenlink.com
Authorizing Resolution	EFC WIIA 2024 Resolution Authorizing Application Submission New Paltz Village.pdf	EFC WIIA 2024 Resolution Authorizing Application Submission New Paltz Village	6/6/2024	mblauer@evenlink.com
Other	EFC WIIA 2024 Signature Page Upload New Paltz Village.pdf	EFC WIIA 2024 Signature Page Upload New Paltz Village	6/6/2024	mblauer@evenlink.com
Supporting Documents	EFC 2024 WIIA Support Letter Congress Member Ryan.pdf	EFC WIIA 2024 S	6/6/2024	mblauer@evenlink.com
Engineering Report	EFC WIIA 2024 Engineering Report New Paltz Village June 2024.pdf	EFC WIIA 2024 Engineering Report New Paltz Village June 2024	6/13/2024	mblauer@evenlink.com
Signature for Application	EFC WIIA 2024 Signature Page Upload New Paltz Village.pdf	Signature for Application	6/14/2024	mblauer@evenlink.com

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I. ACKNOWLEDGEMENTS

MWBE/EEO/SDVOB Agreement

Upon submission of this application, you acknowledge your responsibility to comply with New York State Executive Law, Article 15 A with respect to Minority and Women-owned Business Enterprise MWBE participation and Equal Employment Opportunity EEO requirements, and Article 17 B with respect to Service-Disabled Veteran-Owned Business SDVOB. By clicking this button, you acknowledge that you are aware of these obligations and that you are authorized to make this acknowledgement on behalf of the applicant.

- MWBE goals for WIIA or IMG with SRF financial assistance 20%
- MWBE goals for WIIA or IMG without SRF financial assistance 30%
- EEO goals for all applicants % varies by County (<http://www.efc.ny.gov/mwbe>)
- SDVOB goals without SRF financial assistance 6%
- SDVOB goals are not required, but encouraged, with SRF financial assistance



Acknowledged?

Federal Requirement Acknowledgement

Upon submission of this application, you acknowledge that to receive financial assistance through the SRF, you will need to meet federal requirements and appropriate language must be included in the recipient's contracts. These requirements include, but are not limited to, Davis-Bacon and related acts, and American Iron and Steel. Recipients of financial assistance will be required to perform certain actions to verify compliance and ensure certain provisions are contained in all contracts and subcontracts. By checking this box, you acknowledge that you are aware of these requirements and that you are authorized to make this acknowledgement on behalf of the Applicant.

Please refer to the current IUP for additional detail regarding your responsibilities under these programs.



Acknowledged?

SRF Financial Assistance Acknowledgement

Upon submission of this application, you acknowledge that if you are not using SRF financial assistance to fund the balance of your project that you will be prepared to fund the balance of the project with funding similarly low cost to SRF financial assistance.



Acknowledged?

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J. MWBE/SDVOB/EEO WORKPLAN

The Applicant will comply with the provisions of New York State Executive Law Article 15-A, 5 NYCRR Parts 140 145, Executive Law Article 17-B, 9 NYCRR Part 252, 40 CFR Part 33, Titles VI and VII of the Civil Rights Act of 1964, 40 CFR Part 7, 41 CFR Part 60-1 Subpart A, and 41 CFR Part 60 4, and other requirements prescribed by the New York State Environmental Facilities Corporation ("EFC") relating to the participation of minority- and women-owned business enterprises ("MWBEs"), the participation of service-disabled veteran-owned business enterprises ("SDVOBEs"), equal employment opportunities ("EEO"), and affirmative action, throughout the life of the project.

Designated Minority- & Women-Owned Business Enterprise Officer ("MBO"):

The MBO is the individual responsible for administering the Applicant's MWBE, SDVOBE, and EEO programs. A document containing guidance for the MBO can be obtained from your Program Compliance Specialist at EFC.

MBO Name: Nancy Branco
MBO Title: Treasurer
MBO Phone Number: (845) 255-0130
MBO Email Address: treasurer@villageofnewpaltz.org
MBO Mailing Address: 25 Plattekill Avenue
Village Hall
City: New Paltz **State:** NY **Postal / Zip Code:** 12561

Authorized Alternate Name: Nicole MacLean
Authorized Alternate Title: Deputy Clerk
Authorized Alternate Phone Number: (845) 255-0130
Authorized Alternate Email Address: deputyclerk@villageofnewpaltz.org

K. SMART GROWTH

1. Does the project advance or otherwise involve the use of, maintenance, or improvement of existing infrastructure?
Yes
2. Is the project located wholly or partially in a municipal center, characterized by any of the following? Check all that apply:
 - A city or a village
 - Area of concentrated and mixed land use that serves as a center for various activities including, but not limited to:
 - Central business districts (such as the commercial and often geographic heart of a municipality, "downtown", "city center")
 - Main streets (such as the primary retail street of a village, town, or small city. It is usually a focal point for shops and retailers in the central business district, and is most often used in reference to retailing and socializing)
 - Downtown areas (such as a city's core (or center) or central business district, usually in a geographical, commercial, and community sense)
 - Brownfield Opportunity Areas
 - Downtown areas of Local Waterfront Revitalization Program areas
 - Locations of transit-oriented development (such as projects serving areas that have access to mass or public transit for residents)
 - Environmental Justice Areas
 - Hardship Areas

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3. Is the project located adjacent to municipal centers (please see characteristics in question 2 above) with clearly defined borders, in an area designated for concentrated development in the future by a municipal or regional comprehensive plan that exhibits strong land use, transportation, infrastructure, and economic connections to an existing municipal center?
Yes
4. Is the project located in an area designated by a municipal or comprehensive plan, and appropriately zoned, as a future municipal center?
Yes
5. Is the project located wholly or partially in a developed area or an area designated for concentrated infill development in accordance with a municipally approved comprehensive land use plan, a local waterfront revitalization plan, Brownfield Opportunity Area plan, or other development plan?
Yes
6. Does the project preserve and enhance the state's resources, including agricultural lands, forests, surface and groundwater, air quality, recreation and open space, scenic areas, and/or significant historic and archaeological resources?
Yes
7. Does the project foster mixed land uses and compact development, downtown revitalization, brownfield redevelopment, the enhancement of beauty in public spaces, the diversity and affordability of housing in proximity to places of employment, recreation, and commercial development and/or the integration of all income and age groups?
Yes
8. Does the project provide mobility through transportation choices, including improved public transportation and reduced automobile dependency?
Yes
9. Does the project demonstrate coordination among state, regional, and local planning and governmental officials? (Demonstration may include State Environmental Quality Review ["SEQR"] coordination with involved and interested agencies, district formation, agreements between involved parties such as intermunicipal agreements, letters of support, State Pollutant Discharge Elimination System ["SPDES"] permit issuance/revision notices, consent orders or other compliance or enforcement related agreements or settlements, etc.).
Yes
10. Does the project involve community-based planning and collaboration?
Yes
11. Is the project consistent with local building and land use codes?
Yes
12. Does the project promote sustainability by strengthening existing and creating new communities which reduce greenhouse gas emissions and do not compromise the needs of future generations?
Yes
13. During the development of the project, was there broad-based public involvement? (May include SEQR coordination with involved and interested agencies, SPDES permit issuance/revision notice, approval of Bond Resolution, district formation, evidence of public hearings, Environmental Notice Bulletin ["ENB"] or other published notices, letters of support, etc.).
Yes
14. Does the Applicant have an ongoing governance structure to sustain the implementation of community planning?
Yes
15. Does the project mitigate future physical climate risk due to sea level rise, and/or storm surges and/or flooding, based on available data predicting the likelihood of future extreme weather events, including hazard risk analysis data if applicable?
Yes

SIGNATURE FOR GRANT APPLICATION

CERTIFICATION: On behalf of the Applicant, and in accordance with the board resolution by

Village of New Paltz

(Governing Body of Municipal Applicant)

authorizing me to do so, I apply for a WIIA grant and/or IMG grant for the project described in this application. By signing this application, I certify and agree on behalf of the Applicant and its governing body that all of the information contained in this application, in other statements and exhibits attached hereto or referenced herein, and in all statements, data and supporting documents which have been made or furnished for the purpose of receiving a WIIA grant or IMG grant for the project(s) described herein, are true, correct and complete to the best of my knowledge and belief.

I further agree on behalf of the Applicant that:

- If CWSRF assistance is provided for the project described in this application, the Applicant shall comply with all applicable provisions of the Federal Water Pollution Control Act, 33 U.S.C. §§ 1251 et. seq. Chapter 565 of the Laws of New York of 1989, 6 NYCRR Part 649 and 21 NYCRR Part 2602, as amended, regarding CWSRF assistance.
- If DWSRF assistance is provided for the project described in this application, the Applicant shall comply with all applicable provisions of the federal Safe Drinking Water Act, 42 U.S.C. §§ 300f, et seq., and applicable provisions of state law, codified under Chapter 413 of the Laws of New York of 1996, 10 NYCRR Part 53, and 21 NYCRR Part 2604, as amended, regarding DWSRF assistance.

I further agree that the Applicant will comply with the provisions of the Minority and Women's Business Enterprise – Equal Employment Opportunity requirements of Article 15-A of the New York State Executive Law, and will maintain such records and take such actions necessary to demonstrate such compliance throughout the construction of the project.

Further, I acknowledge that offering a written instrument knowing that the written instrument contains a false statement or false information, with the intent to defraud the State or any political subdivision, public authority or public benefit corporation of the State, with the knowledge or belief that it will be filed with or recorded by the State or any political subdivision, public authority or public benefit corporation of the State, constitutes a crime under New York State Law.



(Signature of Authorized Representative)

6/6/24

(Date)

Tim Rogers, Mayor

(Name and Title)

Village of New Paltz

(Municipal Applicant)



VILLAGE OF NEW PALTZ BOARD OF TRUSTEES
Resolution No. 29 of 2024

The following was presented by Mayor Rogers; Sec'd by Deputy Mayor Wojcik; Date of Adoption 5/22/2024

Names	Ayes	Noes	Abstain	Absent
Mayor Rogers	X			
Deputy Mayor Wojcik	X			
Trustee Weisburd	X			
Trustee Wheeler-Murray	X			
Trustee Susta	X			
Totals	5			

**RESOLUTION AUTHORIZING MAYOR TO PREPARE AND SUBMIT
AN APPLICATION FOR 2024 NYS WATER INFRASTRUCTURE
IMPROVEMENT ACT (WIIA) FUNDING**

WHEREAS, portions of the Village's distribution system exceed 100 years in age and have outlived their life;

WHEREAS, the Village DPW is routinely burdened with repairing deteriorated broken watermains that are constructed of cast iron pipe of unknown age;

WHEREAS, a June 2023 Brinnier & Larios engineering report recommends water infrastructure replacement projects at the following locations: (1) Replacement of Distribution System Pressure Reducing Valve and Vault in the vicinity of the aqueduct pump station, (2) Replacement of Watermain on Ridge Road and Lincoln Place, (3) Replacement of Watermain on Southside Avenue from Pencil Hill Road to Route 208, (4) Replacement of Watermain on Wurts Street and Portion of Mohonk Avenue and (5) Installation of Watermain Huguenot Street-Old Kingston Road Connection;

WHEREAS, the estimated costs for the proposed water infrastructure replacement project is \$2,841,300;

WHEREAS, 60% grant funding is available through the NYS Water Infrastructure Improvements Act (WIIA) Program;

WHEREAS, applications will be accepted through June 14, 2024; now, therefore, be it



VILLAGE OF NEW PALTZ BOARD OF TRUSTEES
Resolution No. 29 of 2024

RESOLVED, that the Village of New Paltz Village Board authorizes preparation and submission of an application for 2024 NYS Water Infrastructure Improvement Act (WIIA) Funding; and

RESOLVED, that the Village of New Paltz Mayor is hereby authorized to sign the application and any related documents for the 2024 NYS Water Infrastructure Improvement Act (WIIA) Funding Program application.

**BY ORDER OF THE BOARD OF TRUSTEES OF THE
VILLAGE OF NEW PALTZ, NEW YORK.**

Dated: May 22, 2024

Nicole MacLean , Deputy Village Clerk

ROW Certificate confirming
site control 11-10-21



Tim Rogers, Mayor

Alexandria Wojcik, Deputy Mayor

Trustees: Stana Weisburd, William Wheeler-Murray, & Michele Zipp


*Nancy Branco
Treasurer*

*Gene Bleu Terwilliger
Superintendent Public Works*

Right - Of - Way Certificate

The undersigned, hereby certifies that the Village of New Paltz has acquired and presently holds continuous and adequate rights-of-way needed for the construction, operation and maintenance of water distribution facilities to be replaced or installed at (1) Replacement of Distribution System Pressure Reducing Valve and Vault in the vicinity of the aqueduct pump station, (2) Replacement of Watermain on Ridge Road and Lincoln Place, (3) Replacement of Watermain on Southside Avenue from Pencil Hill Road to Route 208, (4) Replacement of Watermain on Fairview Avenue, (5) Replacement of Watermain on Wurts Street and Portion of Mohonk Avenue, (6) Installation of Watermain Huguenot Street-Old Kingston Road Connection and (7) Replacement of Watermain on Main Street from Huguenot Street to Prospect Street.

By



Tim Rogers, Mayor, Village of New Paltz

Date

November 10, 2021
November 10, 2021

SHPO Project Review Determination Letters

- Contract #1 Clearance
(Projects 1, 2 & 3)**
- Contract #2 Clearance
(Project 5)**
- Contract #3 Clearance
(Project 4)**



**Parks, Recreation,
and Historic Preservation**

KATHY HOCHUL
Governor

ERIK KULLESEID
Commissioner

November 04, 2021

Mark Blauer
President
Blauer Associates
910 E. Third Street
Berwick, PA 18603

Re: NYSEFC
New Paltz Village EFC WIIA 2021 - Contract #1 Water Main Replacements
Village of New Paltz, Ulster County, NY
21PR07427

Dear Mark Blauer:

Thank you for requesting the comments of the State Historic Preservation Office (SHPO). We have reviewed the project in accordance with Section 106 of the National Historic Preservation Act of 1966. These comments are those of the SHPO and relate only to Historic/Cultural resources. They do not include potential environmental impacts to New York State Parkland that may be involved in or near your project. Such impacts must be considered as part of the environmental review of the project pursuant to the National Environmental Policy Act and/or the State Environmental Quality Review Act (New York Environmental Conservation Law Article 8).

Based upon this review, it is the opinion of the New York SHPO that no historic properties, including archaeological and/or historic resources, will be affected by this undertaking.

If further correspondence is required regarding this project, please be sure to refer to the OPRHP Project Review (PR) number noted above.

Sincerely,

R. Daniel Mackay

Deputy State Historic Preservation Officer
Division for Historic Preservation



**Parks, Recreation,
and Historic Preservation**

KATHY HOCHUL
Governor

ERIK KULLESEID
Commissioner

November 04, 2021

Mark Blauer
President
Blauer Associates
910 E. Third Street
Berwick, PA 18603

Re: NYSEFC
New Paltz Village EFC WIIA 2021 - Contract #2 Huguenot Street - Old Kingston Road
Connection
Village of New Paltz, Ulster County, NY
21PR07428

Dear Mark Blauer:

Thank you for requesting the comments of the State Historic Preservation Office (SHPO). We have reviewed the project in accordance with Section 106 of the National Historic Preservation Act of 1966. These comments are those of the SHPO and relate only to Historic/Cultural resources. They do not include potential environmental impacts to New York State Parkland that may be involved in or near your project. Such impacts must be considered as part of the environmental review of the project pursuant to the National Environmental Policy Act and/or the State Environmental Quality Review Act (New York Environmental Conservation Law Article 8).

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Sincerely,

R. Daniel Mackay
Deputy State Historic Preservation Officer
Division for Historic Preservation



**Parks, Recreation,
and Historic Preservation**

KATHY HOCHUL
Governor

ERIK KULLESEID
Commissioner

November 04, 2021

Mark Blauer
President
Blauer Associates
910 E. Third Street
Berwick, PA 18603

Re: NYSEFC
New Paltz Village EFC WIIA 2021 - Contract #3 Water Main Replacements
Village of New Paltz, Ulster County, NY
21PR07472

Dear Mark Blauer:

Thank you for requesting the comments of the State Historic Preservation Office (SHPO). We have reviewed the project in accordance with Section 106 of the National Historic Preservation Act of 1966. These comments are those of the SHPO and relate only to Historic/Cultural resources. They do not include potential environmental impacts to New York State Parkland that may be involved in or near your project. Such impacts must be considered as part of the environmental review of the project pursuant to the National Environmental Policy Act and/or the State Environmental Quality Review Act (New York Environmental Conservation Law Article 8).

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Sincerely,

R. Daniel Mackay

Deputy State Historic Preservation Officer
Division for Historic Preservation



Smart Growth Assessment Form

This form should be completed by an authorized representative of the applicant, preferably the project engineer or other design professional.¹

Section 1 – General Applicant and Project Information

Applicant: Village of New Paltz

Project No.:

Project Name: Water System Upgrades

Is project construction complete? Yes, date: No

Please provide a brief project summary in plain language including the location of the area the project serves:

Replacement of Distribution System Pressure Reducing Valve and Veult
Replacement of Watermain on Ridge Road and Lincoln Place
Replacement of Watermain on Southside Avenue from Pencil Hill Road to Route 208
Replacement of Watermain on Wurts Street and Portion of Mohonk Avenue
Installation of Watermain Huguenot Street-Old Kingston Road Connection

Projects serve the Village of New Paltz Water System, Village of New Paltz, Ulster County New York

Section 2 – Screening Questions

A. Prior Approvals

- Has the project been previously approved for Environmental Facilities Corporation (EFC) financial assistance? Yes No
- If yes to A(1), what is the project number(s) for the prior approval(s)? Project No.:
- If yes to A(1), is the scope of the previously-approved project substantially the same as the current project? Yes No

If your responses to A(1) and A(3) are both yes, please proceed to Section 5, Signature.

B. New or Expanded Infrastructure

- Does the project involve the construction or reconstruction of new or expanded infrastructure? Yes No

Examples of new or expanded infrastructure include, but are not limited to:

- (i) The addition of new wastewater collection/new water mains or a new wastewater treatment system/water treatment plant where none existed previously;
- (ii) An increase of the State Pollutant Discharge Elimination System (SPDES) permitted flow capacity for an existing wastewater treatment system; and OR

¹ If project construction is complete and the project was not previously financed through EFC, an authorized municipal representative may complete and sign this assessment.

- (iii) An increase of the permitted water withdrawal or the permitted flow capacity for the water treatment system such that a Department of Environmental Conservation (DEC) water withdrawal permit will need to be obtained or modified, or result in the Department of Health (DOH) approving an increase in the capacity of the water treatment plant.

If your response to B(1) is no, please proceed to Section 5, Signature.

Section 3 –Smart Growth Criteria

Your project must be consistent will all relevant Smart Growth criteria. For each question below please provide a response and explanation.

1. Does the project use, maintain, or improve existing infrastructure?
 Yes No

Explain your response: Replacement of aging watermaing and pressure and pressure reducing valve and looping existing 2 dead end watermains for increased pressure

2. Is the project located in a (1) municipal center, (2) area adjacent to a municipal center, or (3) area designated as a future municipal center, as such terms are defined herein (please select one response)?

Yes, my project is located in a municipal center, which is an area of concentrated and mixed land uses that serves as a center for various activities, including but not limited to: central business districts, main streets, downtown areas, brownfield opportunity areas (see www.dos.ny.gov for more information), downtown areas of local waterfront revitalization program areas (see www.dos.ny.gov for more information), areas of transit-oriented development, environmental justice areas (see www.dec.ny.gov/public/899.html for more information), and hardship areas (projects that primarily serve census tracts or block numbering areas with a poverty rate of at least twenty percent according to the latest census data).

Yes, my project is located in an area adjacent to a municipal center which has clearly defined borders, is designated for concentrated development in the future in a municipal or regional comprehensive plan, and exhibits strong land use, transportation, infrastructure, and economic connections to an existing municipal center.

Yes, my project is located in an area designated as a future municipal center in a municipal or comprehensive plan and is appropriately zoned in a municipal zoning ordinance

No, my project is not located in a (1) municipal center, (2) area adjacent to a municipal center, or (3) area designated as a future municipal center.

Explain your response and reference any applicable plans:

Village of New Paltz, Ulster County, New York

3. Is the project located in a developed area or an area designated for concentrated infill development in a municipally-approved comprehensive land use plan, local waterfront revitalization plan, and/or brownfield opportunity area plan?

Yes No

Explain your response and reference any applicable plans:

4. Does the project protect, preserve, and enhance the State's resources, including surface and groundwater, agricultural land, forests, air quality, recreation and open space, scenic areas, and significant historic and archaeological resources?

Yes No

Explain your response:

5. Does the project foster mixed land uses and compact development, downtown revitalization, brownfield redevelopment, the enhancement of beauty in public spaces, the diversity and affordability of housing in proximity to places of employment, recreation and commercial development, and the integration of all income and age groups?

Yes No

Explain your response:

6. Does the project provide mobility through transportation choices including improved public transportation and reduced automobile dependency?

Yes No N/A

Explain your response:

7. Does the project involve coordination between State and local government, intermunicipal planning, or regional planning?

Yes No

Explain your response and reference any applicable plans:

8. Does the project involve community-based planning and collaboration?

Yes No

Explain your response and reference any applicable plans:

9. Does the project support predictability in building and land use codes?

Yes No N/A

Explain your response:

10. Does the project promote sustainability by adopting measures such as green infrastructure techniques, decentralized infrastructure techniques, or energy efficiency measures?

Yes No

Explain your response and reference any applicable plans:

11. Does the project mitigate future physical climate risk due to sea-level rise, storm surges, and/or flooding, based on available data predicting the likelihood of future extreme weather events, including hazard risk analysis data, if applicable?

Yes No

Explain your response and reference any applicable plans:

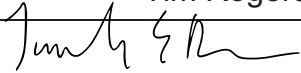
Section 4 – Miscellaneous

1. Is the project expressly required by a court or administrative consent order? Yes No

If yes, and you have not previously provided the applicable order to EFC/DOH, please submit it with this form.

Section 5 – Signature

By signing below, you agree that you are authorized to act on behalf of the applicant and that the information contained in this Smart Growth Assessment is true, correct and complete to the best of your knowledge and belief.

Applicant: Village of New Paltz	Phone Number: 845-255-0130
Name and Title of Signatory: Tim Rogers, Mayor	
Signature: 	Date: June 29, 2023

Environmental Review Determination

- SEQRA Type II Determination
Resolution 11-10-21; and
- Environmental Compliance
Resolution 11-10-22



VILLAGE OF NEW PALTZ BOARD OF TRUSTEES

Resolution No. 72 of 2021

The following was presented by Mayor Rogers; Sec'd by Deputy Mayor Wojcik; Date of Adoption 11-10-2021

Names	Ayes	Noes	Abstain	Absent
Mayor Rogers	X			
Deputy Mayor Wojcik	X			
Trustee Weisburd	X			
Trustee Wheeler-Murray	X			
Trustee Zipp	X			
Totals	5			

**RESOLUTION OF THE VILLAGE OF NEW PALTZ BOARD OF TRUSTEES
DETERMINATION OF SEQRA TYPE II ACTIVITY**

WHEREAS, the Village of New Paltz intends to apply during November 2021 for New York State Water Infrastructure Improvement Act (WIIA) grant funds to replace aging water mains, loop existing water mains and replace water appurtenances at (1) Replacement of Distribution System Pressure Reducing Valve and Vault in the vicinity of the aqueduct pump station, (2) Replacement of Watermain on Ridge Road and Lincoln Place, (3) Replacement of Watermain on Southside Avenue from Pencil Hill Road to Route 208, (4) Replacement of Watermain on Fairview Avenue, (5) Replacement of Watermain on Wurts Street and Portion of Mohonk Avenue, (6) Installation of Watermain Huguenot Street-Old Kingston Road Connection and (7) Replacement of Watermain on Main Street from Huguenot Street to Prospect Street; and

WHEREAS, the Village of New Paltz must demonstrate compliance with the NYS State Environmental Quality Review Act (SEQRA); and

WHEREAS, the Village of New Paltz has reviewed the various activities proposed by its New York State Water Infrastructure Improvement Act (WIIA) application and concluded that the activities consist solely of replacement of existing water mains; and

WHEREAS, replacement of deteriorated public facilities can be classified as a Type II activity and no further review is thus required to comply with SEQRA; and



VILLAGE OF NEW PALTZ BOARD OF TRUSTEES

THEREFORE BE IT RESOLVED, that the Village of New Paltz has determined that its New York State Water Infrastructure Improvement Act (WIIA) application work scope is a Type II activity for the purposes of SEQRA and no further review is required.

I hereby certify that the foregoing is a true copy of a resolution adopted by the Village of New Paltz, in the County of Ulster, at a meeting thereof held November 10, 2021.

Ariana Basco, Deputy Clerk

11/10/21

Date

**EXTRACTS FROM MINUTES OF A
MEETING OF THE BOARD OF TRUSTEES
OF THE VILLAGE OF NEW PALTZ, NEW YORK**

(Environmental Compliance Resolution)

A regular meeting of the Board of Trustees of the Village of New Paltz (the "Village"), located in the County of Ulster, State of New York, was held remotely, in New Paltz, New York, on the 10th day of November, 2021 at 7:00 P.M., at which meeting a quorum was at all times present and acting.

There were:

PRESENT: Mayor Tim Rogers
Deputy Mayor Alexandria Wojcik
Trustee William Wheeler-Murray
Trustee Stana Weisburd
Trustee Michele Zipp

ABSENT: n/a

ALSO PRESENT: Deputy Clerk Ariana Basco

Mayor Rogers submitted the following resolution and moved for its adoption. The motion was seconded by Trustee Deputy Mayor Wojcik. The Board of Trustees of the Village was polled. The motion was adopted by a vote of 5 affirmative votes (being at least two-thirds of the voting strength of the Board of Trustees of the Village) with 0 negative votes and 0 votes absent.

**ENVIRONMENTAL COMPLIANCE RESOLUTION TO MAKE FINDINGS
AND DETERMINATIONS**

WHEREAS, a qualified employee of the Village, or an engineer and/or architect, duly licensed by the State of New York (the “Architect/Engineer”), has at the instance of the Board of Trustees of the Village of New Paltz (the “Village”), a municipality of the State of New York, located in the County of Ulster, prepared architectural and engineering studies for the replacement of water distribution mains at (1) Ridge Road and Lincoln Place, (2) Southside Avenue – Pencil Hill Road to Route 208, (3) Fairview Avenue, (4) Wurts Avenue and portion of Mohonk Avenue, (5) Huguenot Street – Old Kingston Road connection and (6) Main Street Huguenot Street to Prospect Street, including replacement of pressure reducing valves and vaults and including preliminary and incidental costs related thereto (collectively, the “Project”) and said qualified architectural and engineering studies have been filed in the office of the Village Clerk and are on file for public inspection; and

WHEREAS, the Village has determined that upon the examination of an environmental assessment form (“EAF”) prepared by the Architect/Engineer, the Project is a “Type II” or “unlisted” action, as those terms are defined in 6 NYCRR §617.2, and therefore the Village caused the EAF to be prepared and promptly filed with the Village Clerk; and

WHEREAS, it is proposed that the maximum amount estimated to be expended for the Project in its entirety is \$2,841,300 and that the costs of the Project, in whole or in part, as authorized by the Board of Trustees of the Village, are to be financed by (i) the issuance of serial bonds of the Village pursuant to the Local Finance Law and, if deemed advisable, by the issuance of bond anticipation notes in anticipation of the issuance of said bonds in the amount of \$1,136,520

and (ii) grants funds from the Environmental Facilities Corporation in an anticipated amount of \$1,704,780; and

WHEREAS, it is proposed that the costs of the Project, as aforesaid, are to be paid in part from a tax levied upon all the taxable property in the Village in annual installments determined by the Board of Trustees;

NOW THEREFORE, pursuant to proceedings prescribed in 6 NYCRR at §617 of the State Environmental Quality Review Act (“SEQRA”) regulations, BE IT RESOLVED, BY THE BOARD OF TRUSTEES OF THE VILLAGE OF NEW PALTZ, NEW YORK, as follows:

Section 1. The Village, by and through its Board of Trustees, declares and designates itself to be the “lead agency” as that term is defined in 6 NYCRR §617.2(u), with respect to the continuing environmental review of the Project.

Section 2. It is hereby determined that the Project as aforesaid, is an “Type II”, as that term is defined in 6 NYCRR §617.2(aj).

Section 3. No other agency other than the Village is involved in said environmental review and no coordinated review is necessary or required.

Section 4. No hearing as set forth in 6 NYCRR §617.9(a)(4) is required in making the determinations contained herein with respect to the costs of the Project.

Section 5. Taking into account the criteria set forth in 6 NYCRR §617.7(c) upon review of all pertinent information, including taking a hard look at all the facts and circumstances, it is determined that the Project: does not require segmentation for adequate environmental compliance analysis, will not have a significant effect on the environment, includes no unanticipated or unidentified adverse effects which should be anticipated with respect thereto, and is precluded from further review under the Environmental Conservation Law.

Section 6. It is hereby determined that for purposes of the SEQRA regulations the bond resolution to be adopted under the Local Finance Law to finance the Project shall not be or be deemed to be an “action”, as that term is defined in 6 NYCRR §617.2(b), until its effectiveness following the estoppel period prescribed in §82.00 of the Local Finance Law.

Section 7. Taking into account the criteria set forth in 6 NYCRR §617, upon review of all pertinent information, including taking a hard look at all the facts and circumstances, it is determined that the Project (i) will not have a significant effect on the climate or climate change, and (ii) will not have a significant effect on the environment, and no unidentified adverse effects are anticipated with respect thereto and are precluded from further review under the Environmental Conservation Law.

Section 8. The Village shall include a true copy of this resolution in the file maintained, readily accessible to the public, in the office of the Village Clerk, containing the EAF.

Section 9. This resolution shall take effect immediately upon its adoption by the Board of Trustees of the Village.

I, **Nicole Manco**, [Deputy] Village Clerk of the Village of New Paltz (the "Village"), a municipality of the State of New York, located in the County of Ulster), HEREBY CERTIFY as follows:

1. A meeting of the Board of Trustees of the Village was duly held on November 10, 2021, and minutes of such meeting have been duly recorded in the Minute Book by me in accordance with the law for the purpose of recording the minutes of meetings of the Board of Trustees of the Village.


2. I have compared the attached extract with such minutes so recorded and such extract is a true copy of such minutes and of the whole thereof insofar as such minutes relate to matters referred to in such extract.

3. Such minutes correctly state the time when such meeting was convened and the place where such meeting was held and the members of the Board of Trustees of the Village who attended.

4. Notice of such meeting was duly given as prescribed by law and such meeting was open to all persons who are entitled by law to attend such meeting.

IN WITNESS WHEREOF, I have hereunto set my hand and impressed the seal of the Village, this 12th day of November 2021.

(SEAL)



[Deputy] Village Clerk
Village of New Paltz,
New York

Resolution #73 of 2021

**ENVIRONMENTAL COMPLIANCE RESOLUTION TO MAKE FINDINGS
AND DETERMINATIONS**

WHEREAS, a qualified employee of the Village, or an engineer and/or architect, duly licensed by the State of New York (the “Architect/Engineer”), has at the instance of the Board of Trustees of the Village of New Paltz (the “Village”), a municipality of the State of New York, located in the County of Ulster, prepared architectural and engineering studies for the replacement of water distribution mains at (1) Ridge Road and Lincoln Place, (2) Southside Avenue – Pencil Hill Road to Route 208, (3) Fairview Avenue, (4) Wurts Avenue and portion of Mohonk Avenue, (5) Huguenot Street – Old Kingston Road connection and (6) Main Street Huguenot Street to Prospect Street, including replacement of pressure reducing valves and vaults and including preliminary and incidental costs related thereto (collectively, the “Project”) and said qualified architectural and engineering studies have been filed in the office of the Village Clerk and are on file for public inspection; and

WHEREAS, the Village has determined that upon the examination of an environmental assessment form (“EAF”) prepared by the Architect/Engineer, the Project is a “Type II” or “unlisted” action, as those terms are defined in 6 NYCRR §617.2, and therefore the Village caused the EAF to be prepared and promptly filed with the Village Clerk; and

WHEREAS, it is proposed that the maximum amount estimated to be expended for the Project in its entirety is \$2,841,300 and that the costs of the Project, in whole or in part, as authorized by the Board of Trustees of the Village, are to be financed by (i) the issuance of serial bonds of the Village pursuant to the Local Finance Law and, if deemed advisable, by the issuance of bond anticipation notes in anticipation of the issuance of said bonds in the amount of \$1,136,520

and (ii) grants funds from the Environmental Facilities Corporation in an anticipated amount of \$1,704,780; and

WHEREAS, it is proposed that the costs of the Project, as aforesaid, are to be paid in part from a tax levied upon all the taxable property in the Village in annual installments determined by the Board of Trustees;

NOW THEREFORE, pursuant to proceedings prescribed in 6 NYCRR at §617 of the State Environmental Quality Review Act (“SEQRA”) regulations, BE IT RESOLVED, BY THE BOARD OF TRUSTEES OF THE VILLAGE OF NEW PALTZ, NEW YORK, as follows:

Section 1. The Village, by and through its Board of Trustees, declares and designates itself to be the “lead agency” as that term is defined in 6 NYCRR §617.2(u), with respect to the continuing environmental review of the Project.

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Section 3. No other agency other than the Village is involved in said environmental review and no coordinated review is necessary or required.

Section 4. No hearing as set forth in 6 NYCRR §617.9(a)(4) is required in making the determinations contained herein with respect to the costs of the Project.

Section 5. Taking into account the criteria set forth in 6 NYCRR §617.7(c) upon review of all pertinent information, including taking a hard look at all the facts and circumstances, it is determined that the Project: does not require segmentation for adequate environmental compliance analysis, will not have a significant effect on the environment, includes no unanticipated or unidentified adverse effects which should be anticipated with respect thereto, and is precluded from further review under the Environmental Conservation Law.

Section 6. It is hereby determined that for purposes of the SEQRA regulations the bond resolution to be adopted under the Local Finance Law to finance the Project shall not be or be deemed to be an “action”, as that term is defined in 6 NYCRR §617.2(b), until its effectiveness following the estoppel period prescribed in §82.00 of the Local Finance Law.

Section 7. Taking into account the criteria set forth in 6 NYCRR §617, upon review of all pertinent information, including taking a hard look at all the facts and circumstances, it is determined that the Project (i) will not have a significant effect on the climate or climate change, and (ii) will not have a significant effect on the environment, and no unidentified adverse effects are anticipated with respect thereto and are precluded from further review under the Environmental Conservation Law.

Section 8. The Village shall include a true copy of this resolution in the file maintained, readily accessible to the public, in the office of the Village Clerk, containing the EAF.

Section 9. This resolution shall take effect immediately upon its adoption by the Board of Trustees of the Village.

SHPO Project Review Determination Letters

- Contract #1 Clearance
(Projects 1, 2 & 3)**
- Contract #2 Clearance
(Project 5)**
- Contract #3 Clearance
(Project 4)**



**Parks, Recreation,
and Historic Preservation**

KATHY HOCHUL
Governor

ERIK KULLESEID
Commissioner

November 04, 2021

Mark Blauer
President
Blauer Associates
910 E. Third Street
Berwick, PA 18603

Re: NYSEFC
New Paltz Village EFC WIIA 2021 - Contract #1 Water Main Replacements
Village of New Paltz, Ulster County, NY
21PR07427

Dear Mark Blauer:

Thank you for requesting the comments of the State Historic Preservation Office (SHPO). We have reviewed the project in accordance with Section 106 of the National Historic Preservation Act of 1966. These comments are those of the SHPO and relate only to Historic/Cultural resources. They do not include potential environmental impacts to New York State Parkland that may be involved in or near your project. Such impacts must be considered as part of the environmental review of the project pursuant to the National Environmental Policy Act and/or the State Environmental Quality Review Act (New York Environmental Conservation Law Article 8).

Based upon this review, it is the opinion of the New York SHPO that no historic properties, including archaeological and/or historic resources, will be affected by this undertaking.

If further correspondence is required regarding this project, please be sure to refer to the OPRHP Project Review (PR) number noted above.

Sincerely,

R. Daniel Mackay

Deputy State Historic Preservation Officer
Division for Historic Preservation



**Parks, Recreation,
and Historic Preservation**

KATHY HOCHUL
Governor

ERIK KULLESEID
Commissioner

November 04, 2021

Mark Blauer
President
Blauer Associates
910 E. Third Street
Berwick, PA 18603

Re: NYSEFC
New Paltz Village EFC WIA 2021 - Contract #2 Huguenot Street - Old Kingston Road
Connection
Village of New Paltz, Ulster County, NY
21PR07428

Dear Mark Blauer:

Thank you for requesting the comments of the State Historic Preservation Office (SHPO). We have reviewed the project in accordance with Section 106 of the National Historic Preservation Act of 1966. These comments are those of the SHPO and relate only to Historic/Cultural resources. They do not include potential environmental impacts to New York State Parkland that may be involved in or near your project. Such impacts must be considered as part of the environmental review of the project pursuant to the National Environmental Policy Act and/or the State Environmental Quality Review Act (New York Environmental Conservation Law Article 8).

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If further correspondence is required regarding this project, please be sure to refer to the OPRHP Project Review (PR) number noted above.

Sincerely,

R. Daniel Mackay
Deputy State Historic Preservation Officer
Division for Historic Preservation



**Parks, Recreation,
and Historic Preservation**

KATHY HOCHUL
Governor

ERIK KULLESEID
Commissioner

November 04, 2021

Mark Blauer
President
Blauer Associates
910 E. Third Street
Berwick, PA 18603

Re: NYSEFC
New Paltz Village EFC WIIA 2021 - Contract #3 Water Main Replacements
Village of New Paltz, Ulster County, NY
21PR07472

Dear Mark Blauer:

Thank you for requesting the comments of the State Historic Preservation Office (SHPO). We have reviewed the project in accordance with Section 106 of the National Historic Preservation Act of 1966. These comments are those of the SHPO and relate only to Historic/Cultural resources. They do not include potential environmental impacts to New York State Parkland that may be involved in or near your project. Such impacts must be considered as part of the environmental review of the project pursuant to the National Environmental Policy Act and/or the State Environmental Quality Review Act (New York Environmental Conservation Law Article 8).

Based upon this review, it is the opinion of the New York SHPO that no historic properties, including archaeological and/or historic resources, will be affected by this undertaking.

If further correspondence is required regarding this project, please be sure to refer to the OPRHP Project Review (PR) number noted above.

Sincerely,

R. Daniel Mackay

Deputy State Historic Preservation Officer
Division for Historic Preservation

WATER SYSTEM UPGRADES & LEAD SERVICE

LATERAL MITIGATION – PHASE 2

ENGINEERING REPORT

VILLAGE OF NEW PALTZ

Ulster County, New York

June 2024



A handwritten signature in black ink that reads "Dennis M. Larios". The signature is written in a cursive style with a long horizontal flourish extending to the right.

Dennis M. Larios, P.E.

PREPARED FOR:

VILLAGE OF NEW PALTZ

Timothy E. Rogers, Mayor
Trustees
Alexandria Wojcik, Deputy Mayor
Stana Weisburd
William Murray
Stevie Susta

Bleu Terwilliger, Superintendent of Public Works
Nicole Maclean, Deputy Village Clerk
Nancy Branco, Village Treasurer

PREPARED BY:

Brinnier and Larios, P.C.
Professional Engineers and Land Surveyors
67 Maiden Lane
Kingston, New York 12401
(845) 338-7622

Executive Summary

This report is prepared for purposes of identifying critical water distribution infrastructure requirements for the Village of New Paltz, Ulster County New York. The report is generally presented using the guidelines for Engineers’ Report identified in the *Recommended Standards for Water Works, 2022 Edition, Great Lakes-Upper Mississippi River Board of State and Provincial Public Health and Environmental Managers*

The purpose of this project is to replace deteriorated water transmission mains that have been in service for more than a century that have exhibited numerous watermain breaks causing water loss and utilizing Village Department of Public Works time and resources. The pressure reducing valve and vault that regulates water pressure throughout the Village’s distribution system has exceeded its useful life and is in need of replacement.

The recommended alternatives are the replacement of watermains and pressure reducing vault in addition to connecting two dead-end watermains which will result in better water quality and pressure in the northern portion of the Village. Concurrently with the replacement of watermains, any lead service laterals that are encountered will also be replaced. Each of these alternatives are explained thoroughly later in this report.

Project Background & History

1. Site Information

Location

New Paltz is a village in Ulster County located in the U.S. state of New York. It is about 80 miles (130 km) north of New York City and 70 miles (110 km) south of Albany. The population was 7,324 in the 2020 census. The Village of New Paltz is located within the Town of New Paltz. New Paltz is also home to the State University of New York at New Paltz.

Geologic Conditions

Soil and ground water conditions in the vicinity of the proposed waterline replacement projects is generally not a concern as the watermains will be replaced in the same locations as the existing watermains. These watermains and appurtenances will be replaced via conventional open cut, trenching and installation of the new watermain, service connections and appurtenances.

Surface Water features

The only major surface water within the project area is the Wallkill River which will not be affected by any of the watermain projects. All projects will be completed in the existing paved right-of-way with the exception of the pressure reducing vault which will

be constructed within the Village's right-of-way adjacent to the Village's main transmission line from the water treatment facility.

Environmental Justice Areas Potentially Impacted

Since all of the proposed water projects will either be replacement of water infrastructure in the existing location of water mains and appurtenances or will be undertaken in the paved public right of way, there will be no environmental impacts. The construction method will be conventional excavation and backfill methods with all of the unsuitable material taken offsite to an approved contractor stockpile location.

Floodplain Considerations

Only a small portion of the proposed watermain connection from Huguenot Street to Old Kingston Road lies within Zone AE for the 100-year flood boundary. All other projects lie outside of the 100-year flood boundary and are not subject and will not be affected by FEMA requirements. Since all of the construction is proposed to be underground construction for the water system, FEMA Regulations will not apply to these particular proposals.

2. Ownership and Service Area

Publicly or Privately Owned

The Village of New Paltz Water System is publicly owned and operated by the Village of New Paltz. The Village of New Paltz Department of Public Works operates and maintains the water distribution system and the Water Treatment Facility is operated by the consulting firm Environmental Consultants.

Water System Management

The water distribution system and storage tanks are managed by the Department of Public Works Superintendent Gene B. Terwilliger - NYSDOH Class D Operator and the Water Treatment Facility is operated by H2O Innovations of Poughkeepsie NY, Charles Bradford, NYSDOH Class IIA Operator.

Water District Boundaries

Existing

The Village of New Paltz Water System serves the population within the corporate limits of the Village of New Paltz including the State University of New York College at New Paltz and 259 users in the 5 Water Districts in the of Town of New Paltz. Users within the water system are comprised of predominantly residential and commercial users with the major institutional user, the State University of New York, College at New Paltz. The Village is comprised of approximately 1.76 square miles and has a domestic water use population of

*WATER SYSTEM UPGRADES & LEAD SERVICE LATERAL MITIGATION – PHASE 2
ENGINEERING REPORT
VILLAGE OF NEW PALTZ*

almost 6,000 people. When the State University is in session, the user population in the Village’s water system increases to approximately 14,000.

Proposed

A construction project is currently being undertaken to extend the Town of New Paltz Water System with the proposed Water District #5 in the area of Plains Road in the Town of New Paltz. This proposed system will be supplied with ground water wells capable of supplying up to 400 GPM with a small pumping and chlorination treatment system. The system will supply 86 homes with a proposed water distribution system consisting of 9,700 LF of 6” and 8” water mains installed in the Town right of way on Plains Road, Locust Lane, Shawangunk View Drive, Woodland Drive and a portion of Cedar Lane. An additional 3,500 LF of water main will be installed to connect to the Village’s Water System on Main Street for use as one of the backup water supplies during aqueduct shutdowns for NYCDEP maintenance activities.

Outside Users

The Town of New Paltz Water Districts #1 - #4 serves 900 people through 266 service connections.

See the previous section for a description of Water District #5, which is currently being constructed for the Town of New Paltz Water System.

Nearby Agricultural or Industrial Land Use Activity

There are no industrial activities in the vicinity of the proposed water projects outlined in this report. There are however agricultural activities on the west side of the Wallkill River of varying types of field produce which changes periodically. The agricultural activities will not be within the construction limits of the proposed projects.

Population Trends and Growth

Based on available information from the U.S. Census Bureau, the population has increased from 6,039 to 7,523 from April 2000 to April 2021. Based on existing population trends and limited growth potentials in both the Town water districts and the Village corporate limits, a general breakdown of population growth for the users in the Village and Town can be estimated as follows:

YEAR	POPULATION
2017	7,070
2022	7,120
2027	7,170
2032	7,220

*WATER SYSTEM UPGRADES & LEAD SERVICE LATERAL MITIGATION – PHASE 2
ENGINEERING REPORT
VILLAGE OF NEW PALTZ*

It should be noted that the watermains that are proposed to be replaced will be replaced with the same diameter water distribution piping, but utilizing a different material, namely Ductile Iron (Thickness Class 52). These watermains will be replaced in the same locations as the existing mains, and as there is only a modest population increase anticipated for the foreseeable future, there is no need to increase the pipe diameters. The new watermains will have a significant positive effect for supplying water to the users in both pressure and flow. The existing watermains are approaching or are greater than 100 years in age and have significant tuberculation (corrosion), which causes flow restrictions, resulting in lower pressures in the service areas.

Historical and Projected Water Use Data

The types of use in the New Paltz water system are for residential and commercial dwellings and establishments.

Equivalent Dwelling Units Dwelling Units

The Number of Equivalent Dwelling Units in the New Paltz Water System as of June 2022 was 2,880.

Average and Maximum Daily Demands

In 2023, the Average Daily Demand (ADD) was 692,458 gallons (say 480 gpm), and the Maximum Day Production was 1,125,000 gallons. Based on the ADD, the estimated peak hourly flow was 960 – 1,440 gpm (2.0–3.0 x the ADD¹). The percentage of unaccounted water in 2023 was 23.6%, which is reported to be one of the highest non-revenue systems in the State as indicated by the water audit preparer. It is unclear what the reduction of unaccounted for water will be upon completion for the proposed water projects.

¹ *Civil Engineering Reference Manual, Fifth Edition, Lindeburg, page 7-17.*

Adjacent or Nearest Public Water System

The Town of New Paltz Water Districts 1, 2, 3, 4, and 5 are the closest and adjacent Public Water Systems to the Village of New Paltz Water supply

Community Involvement

Community Involvement is the State Environmental Quality Review Process for which these projects have had no public opposition and received a negative declaration from the Village of New Paltz Village Board.

3. Existing Facilities

Location and Layout

New Paltz is a village in Ulster County located in the U.S. state of New York. It is about 80 miles (130 km) north of New York City and 70 miles (110 km) south of Albany. Refer to Exhibit 1 for a General Location Map of New Paltz, which also includes the location of the various recommended projects described later in this report. The population was 6,818 at the 2010 census. The Village of New Paltz is located within the Town of New Paltz. New Paltz is also home to the State University of New York at New Paltz.

The Village of New Paltz Water System serves the Village of New Paltz including the State University of New York College at New Paltz and 359 users in the Town of New Paltz. Users within the water system are comprised of predominantly residential and commercial users with the major institutional user, the State University of New York, College at New Paltz. The Village is comprised of approximately 1.76 square miles and has a domestic water use population of almost 6,900 people. When the State University is in session, the user population in the Village's water system increases to approximately 14,000.

The Village of New Paltz Water System consists of approximately 37 miles of water main of varying materials and diameters from 2" to 16" with the majority of the system consisting of 8" water main. Approximately 7.3 miles of water main is contained within the SUNY campus. The entire distribution infrastructure serves the domestic, commercial and institutional users within the Corporate Limits of the Village of New Paltz including Town of New Paltz Water Districts 1, 2, 3, 4 & 5.

Photographs of Existing Facilities

Refer to Exhibit 2 for representative photographs of existing facilities that are the subject of this Engineering Report.

General Description and History

Portions of the water system were constructed prior to and in the early 1900's as private water systems with no oversight on construction methods or the materials used for water main construction. Subsequently, portions of the system, including those indicated in this report, were constructed of cast iron or galvanized material and have since deteriorated and tuberculated, causing a decrease in flow and increase in the number of water main repairs resulting from frequent breaks.

A brief summary of the Village's improvements to its water supply system components over the past 50 years includes the following projects:

- Construction of a telemetering system at the chlorine contact building at the Village of New Paltz. (1962)

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- Construction of the 12" water supply main from the water plant on Mountain Rest Road to a new 2.0 MG welded steel water storage tank in the Cherry Hill area of the Village. (Late 1960's)
- Installation of 2500 LF of cast iron water main on Huguenot Street. (1970)
- Installation of an 8" diameter main from Water Street to the Village boundary on Plains Road. (mid 1970's)
- Installation of an 8" water main on Broadhead Avenue. (1984)
- Installation of an 8" diameter water main on North and South Oakwood Terrace from John Street to Plattekill Avenue. (1985)
- Installation of 12" watermain from Aqueduct Pump Station to Water Treatment Facility on Mountain Rest Road. (1989)
- Upgrade of Village Water Treatment Facility. (1989-1990)
- Water Valve Replacement various location. (2004)
- Installation of 8" diameter water main on Pencil Hill Road. (2002)
- Replacement of water mains on Tricor, Elting and Southside Avenues. (2004)
- Installation of a 1.5 MG water storage tank. (2004)
- Replacement of 2MG Water Storage Tank with a 1.5 MG Water Storage Tank. (2014)
- Replacement of water main on Prospect Street. (2022)
- Replacement of water main from Morningstar Drive East to Aqueduct Pump Station. (2023)
- Replacement of water main on Huguenot Street. (2023)

The water sources for the Village of New Paltz consist of the Catskill Aqueduct, part of the New York City Department of Environmental Protection, Bureau of Water Supply, and four upland reservoirs owned and maintained by the Village of New Paltz. The Village's reservoirs consist of three small upland reservoirs and an emergency standby reservoir for use when New York City shuts down the aqueduct. The combined capacities of these reservoirs are approximately 8-9 million gallons, approximately 10 days of storage prior to treatment.

In the late 1980's, the Village constructed a water treatment facility capable of treating either the raw water source from the Village's reservoirs or from the NYC Catskill Aqueduct. Treatment at the plant consists of pre-chlorination, absorption clarification, mixed media filtration, and post chlorination prior to introduction into the distribution system. The treatment facility has the capacity to treat slightly greater than 2 MGD.

The Village of New Paltz has recently replaced the former treatment system, a U.S. Filter Trident TR420A 1½ with three tank units, with a Pall Aria AP Microfiltration System. This project replaced the prior media filtration system with two (2) Pall microfiltration systems to address redundancy requirements along with various plant components and treatment process vessels for a total treatment capacity of 2.0 MGD. Construction was completed in 2021.

Continual upgrades and maintenance of the water system in areas of treatment, distribution, storage and appurtenances is essential for maintaining the quantity, quality

and pressures required for the domestic and firefighting needs of the Village of New Paltz water system. This report will outline the current needs and requirements for this system to keep its components in optimal operating condition to best serve the constituents in the Village of New Paltz.

The Village also owns and maintains two finished water storage tanks on the easterly side of the water system consisting of two 1.5 million gallon concrete water storage tanks. The tanks provide adequate storage and water pressures for the Villages water system. The two tanks also provide service to the adjacent Town of New Paltz Water District #1 & #2, which consists of approximately 27 residential customers in the Cherry Hill area, 45 commercial/business properties on Main Street and Putt Corners Road, the New Paltz High School and the NYSDEC Region 3 offices on South Putt Corners Road. The Village's water system is wholly contained within the Village corporate limits and Town Water Districts #1 & #2. The current monthly average demand for users in the Villages water system is generally between 650,000 and 800,000 gallons per day.

Present Conditions

Specifically, the condition of the existing facilities slated for construction are as follows:

1. Replacement of Distribution System Pressure Reducing Valve and Vault

The pressure reducing valve and vault located in the proximity of the Aqueduct Pump Station requires annual servicing to ensure that water pressure from the Village's water source is properly maintained in the system. If the pressure reducing valve fails, pressure in the Village's system would be excessive causing watermain breaks throughout the system as well as property damage to plumbing fixtures in businesses, residences and State University. A malfunction of this equipment was experienced as recently as September 2016.

2. Replacement of Watermain on Ridge Road and Lincoln Place

The 4" cast iron water main located on Ridge Road and Lincoln Place is heavily tuberculated causing insufficient fire flows from hydrants on this street. Additionally, the lead joints on this main are problematic for the Village to repair when watermain breaks occur. Watermain breaks in this portion of the Village's water system occur more frequently due to its age and condition. During replacement of this water main, any lead service laterals that are encountered would also be replaced.

3. Replacement of Watermain on Southside Avenue (from Pencil Hill Road to Route 208)

The 6" cast iron water main on Southside Avenue is heavily tuberculated causing insufficient fire flows from hydrants on this street. During replacement of this water main, any lead service laterals that are encountered would also be replaced.

4. Replacement of Watermain on Wurts Avenue and portion of Mohonk Avenue

The 4” and 6” cast iron water mains located on Wurts Street are heavily tuberculated causing insufficient fire flows from hydrants on this street. Additionally, the lead joints on this main are problematic for the Village to repair when watermain breaks occur. Watermain breaks in this portion of the Village’s water system occur more frequently due to its age and condition. During replacement of this water main, any lead service laterals that are encountered would also be replaced.

5. Installation of Watermain between Huguenot Street and Old Kingston Road

The inter-connection of the dead-end water mains at the northerly end of Huguenot Street and Old Kingston Road with an 8” diameter watermain will provide better working water pressures in the northerly portion of the water system, as well as significantly reduce the need for maintenance on these dead end lines and create better water quality in this area.

Permit Conditions

There are no regulatory Permit Conditions other than regulatory oversight and review from the involved regulatory agency, namely the New York State Department of Health (NYSDOH). The NYSDOH will review, comment, and issue an approval on the contract construction documents including the plans, details and specifications.

The New York State Department of Transportation (NYSDOT) will also review the plans for proposed work on State Route 32 (interconnection between Huguenot Street and Old Kingston Road), and on State Route 208 (for the watermain replacement on Southside Avenue). Upon approval of the plans, the Department will issue a NYSDOT Highway Work Permit for Utility Construction.

History of Infrastructure Damage

There is no known history of infrastructure damage due to storm or flood impacts to the referenced infrastructure.

4. Need for Project

Health, Sanitation, and Security:

The major purpose of this project is to replace deteriorated water transmission mains that have been in service for more than a century. The proposed project is pursuant to NYSDOH Part 5 Subpart 5.1 for Public Water Systems as per the following:

(b) The supplier of water and the person or persons operating a water treatment plant or distribution system shall exercise due care and diligence in the operation and maintenance

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of these facilities and their appurtenances to ensure continued compliance with the provisions of this Subpart. Facilities approved by the State shall be operated in accordance with their design unless otherwise authorized under the provisions of sections 5-1.22, 5-1.23 or 5-1.24 of this Subpart.

Aging Infrastructure:

As indicated previously, the water distribution system's age is of major concern and the need for this project. Replacement of water distribution piping, lead service lines, valves, hydrants, and their appurtenances are paramount to the health and safety of any community and institutions located within it. Many of these items have reached the end of their serviceable life, and the Village of New Paltz Department of Public Works is increasingly unable to maintain the working order of these components of the Village of New Paltz Water Distribution System.

The watermains indicated in this report are well over 100 years old, and most are constructed of cast iron and highly tuberculated. They are prone to watermain breaks and leaks. Water loss for the Village of New Paltz is one of the highest in New York State and the Village cannot continue with losses outlined in the recently completed Draft Water Demand Management Plan (refer to Exhibit 3).

Another item of concern is the fact that there are lead service connections in numerous locations where the Village proposes to replace the existing aging watermains.

Reasonable Growth:

This item is not applicable to the proposed project. The Village of New Paltz Water System serves the population of the Village of New Paltz. There are less than 10 undeveloped properties which will not have a significant impact on the water system demand therefore, not requiring an increase in pipe diameter or extensions to the existing distribution system.

Water, Energy and/or Waste Considerations

A water loss audit was completed for the Village of New Paltz, entitled Village and Town of New Paltz, N.Y. Draft Water Demand Management Plan, dated April 18, 2015. Again, refer to Exhibit 3.

The audit was prepared with funding from the New York City Department of Environmental Protection (NYCDEP) since New Paltz receives approximately 62% of its water supply from the New York City Catskill Aqueduct. The Aqueduct was slated for maintenance shutdowns for 10 week periods in the fall of 2017, 2018, 2019, 2020 and 2021, and additional shutdown periods are anticipated. In response to these past and future shutdowns, the NYCDEP requires a backup water supply for the Village of New Paltz Water System which includes water conservation and demand management.

The audit shows that in 2014, New Paltz had 42% non-revenue water, which means that it did not collect any revenue from 42% of the water produced at the treatment plant. At the time, that was the highest rate of non-revenue water that the preparer of the report had observed among the NY communities.

Storm and Flood Resiliency

The Pressure Reducing Valve and Vault is situated well upgradient of any flood-prone areas and is not impacted by severe storms or flooding. Watermain installation and replacement will also not be prone to storm issues or flooding, since the proposed watermains and appurtenances (hydrants and valves) are not affected by flood waters (even though portions of the project lie within the FEMA 100-year flood boundary). Historically, no portions of the Village's Water System have ever been adversely impacted by flooding or storm situations.

Regulatory Compliance

As previously noted, technical project review and approval will be undertaken by the NYSDOH. Furthermore, due to potential impacts to archeological resources, the project will also be subject to review and conditions set forth by the New York State Office of Parks, Recreation, and Historic Preservation (NYS OPRHP).

5. Capacity Development

Since the Village of New Paltz Water Plant produces an average of 700,000 gallons per day of filtered water, and the water treatment facility has the capacity to produce 2,000,000 gallons per day, there is currently no requirement for capacity development for users of the New Paltz Water System.

Nonetheless, as per application document requirements, a **Capacity Development Program** form has been completed, and is included as Exhibit 4.

Alternatives Analysis

1. Description

No Action.

This alternative results in a condition whereby the existing water distribution system continues to deteriorate resulting in continuous water main breaks and the need for additional maintenance and probably additional maintenance personnel. Continued deterioration to the subject portions of the distribution system will eventually result in portions of the piping system becoming inoperable and unable to deliver potable water to the service area and support user demand.

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This alternative does not require preliminary design, will not impact the existing facilities, requires no location map, has no land requirements, has no environmental impacts, requires no construction or site considerations, requires no permits, has no energy efficiency requirements, is storm and flood resilient and requires no schedule.

The no action alternative would also cause continued watermain breaks due to continued fluctuations in system pressure in the Village's water distribution system. If the pressure reducing valve fails, pressure in the Village's system would be excessive causing watermain breaks throughout the system as well as property damage to plumbing fixtures in businesses, residences and State University.

Watermain Repairs

Continuing to make repairs to the on-going watermain breaks on the subject deteriorated watermains indicated in this report. Financial resources and manpower are required for each occurrence of a watermain break with increased frequency as this system increases in age. A typical watermain break requires the following to complete the repair of a broken watermain:

- One backhoe
- One dump truck
- One jack hammer
- Three Pickup trucks
- One plate tamper
- \$500.00 in repair parts (pipe clamps etc.)
- Six (6) Department of Public Works Employees for 6-8 Hours on average at \$40.00/Hour

As a result, for obvious reasons, continuing to repair broken watermains is not a viable option for a water distribution system.

This alternative does not require preliminary design since repairs are made when required, will not impact the existing facilities, requires no location map, has no land requirements, has no environmental impacts, requires no construction or site considerations, requires no permits, has no energy efficiency requirements, is storm and flood resilient and requires no schedule.

Regional Consolidation or Interconnection

This option was reviewed almost 20 years ago but found not to be feasible due to the length of interconnecting watermain that would be required (approximately 2.5 miles), with the cost of watermain and appurtenances far exceeding any feasible funding capability for either municipality.

All of the additional parameters indicated in the description section are not applicable since this alternative is not feasible.

Shared Services or Partnership Opportunities

These options are not applicable since the Village owns and operates its own water system and water treatment facility. The Town of New Paltz operates its own water distribution system in the Town of New Paltz Water Districts and this option will have no impact on these water projects.

All of the additional parameters indicated in the description section are not applicable since this alternative is not feasible.

Technically Feasible Alternatives

Watermain Replacement with Alternative Materials

The current proposal is to replace deteriorated watermains with Thickness Class 52 Ductile Iron (DI) pipe. There are alternatives to this material, including: High-Density Polyethylene (HDPE) pipe, Polyvinyl Chloride (PVC) pipe, and Pressure Class 350 DI pipe. These alternatives were immediately discounted since the Village of New Paltz Department of Public Works has been striving to standardize its water distribution system with Thickness Class 52 DI pipe. This Department and its employees are currently tooled and equipped to maintain this type of watermain and does not want to diversify its current long-term goal to standardize its operations including training for repairs and maintenance, as well as the equipment to perform these tasks. Since this alternative is not feasible for installation and maintenance, all of the categories for analysis in the Description are not applicable.

Watermain Replacement with Thickness Class 52 Ductile Iron Pipe and Appurtenances.

This alternative will satisfy the Village of New Paltz Department of Public Works goal of standardizing the piping material contained in its water distribution system. Replacement of the deteriorated watermains with Thickness Class 52 Ductile Iron pipe is the only viable alternative that will continue with the standardization of the Village's water distribution system and allow the Department of Public Works to continue with standard operations and tooling for maintenance of its water distribution system.

The preliminary design of the projects has not commenced, but the locations of the watermain replacements, watermain connections, and pressure reducing valve and vault have been identified. The design standards reflect the *Recommended Standards for Water Works, 2022 Edition, Great Lakes-Upper Mississippi River Board of State and Provincial Public Health and Environmental Managers, and will be reviewed and approved by the NYSDOH.*

- Each alternative will have no impact on the existing water treatment facility as the proposed project involves only the water distribution system.
- A map showing the proposed project locations for the watermain replacement

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and construction projects, including the pressure reducing valve and vault, is included as Exhibit 1.

- Land requirements are not applicable to any of aforementioned projects as all of the projects are located on Village of New Paltz owned and maintained property.
- A Type II SEQR Declaration for the projects indicating no environmental impact was made by the Village of New Paltz Village Board on November 10, 2021.
- The tentative schedule for these projects are as follows:
- Construction and site considerations and a description of each is as follows

Subsurface rock may be encountered and require removal by means of rock hammering for each of the construction projects. If rock is encountered, it will be removed, disposed of and paid for as outlined in the contract documents and paid for on a unit price basis per cubic yard.

If a high-water table is encountered. The contractor will employ pumps to remove the water and dispose of it in an acceptable manner to allow for the installation of watermain and appurtenances and the pressure reducing valve and valve pit.

There are no access limitations since all of the project sites are currently owned and accessible by the Village of New Paltz.

Flood prone areas are not an issue for the project sites, some of which lie within the FEMA 100 Year Flood Boundary, have historically never experienced any folding issues. If a flooding condition occurs, construction operations will cease until the flood waters have receded.

Utility and communication infrastructure are readily available for each of the proposed construction projects and these items are not an issue for the construction projects.

- The Permit/Application requirement for the subject projects is completion and submission of Form DOH 308 - New York State Department of Health Application of Approval of Plans for Public Water Supply Improvement. This application will be submitted with the contract and construction documents to the New York State Health Department NYSDOH for review and approval of Plans, Specifications and contract documents for each of the projects. In addition, a NYSDOT Highway Work Permit will be required for watermain connections on Route 32 and Route 208.
- Energy efficiency measures for the selected projects are not applicable since they are water transmission lines and a pressure reducing valve which is mechanical and uses no electrical or fossil energy.

- A tentative schedule is as follows:

DWSRF Funding Awarded:	November 2024
Preliminary Engineering Projects 1, 2 & 3:	January - April 2025
Final Engineering Design:	May - July 2025
NYSDOH Review & Approval:	August - December 2025
Bidding and Award Period:	January – February 2026
Construction Period:	March - December 2026
Preliminary Engineering Projects 4 & 5:	August 2025 - October 2025
Final Engineering Design:	November 2025 - January 2026
NYSDOH Review & Approval:	February – June 2026
Bidding and Award Period:	July – August 2026
Construction Period:	September 2026 - July 2027

2. Cost Estimate

The estimated cost for the integral parts of the distribution system included in the overall project scope is specifically for distribution mains and the pressure reducing valve and vault. There is no storage, pumping, treatment or planning costs associated with this project. The total estimated project cost is \$2,741,300, which includes construction costs, engineering design services, engineering contract administration services, and construction inspection services. Refer to Exhibit 5 for a detailed breakdown of the Opinion of Probable Costs.

There is no estimate for annual operation of the proposed distribution mains associated with this project. The only possible operation requirements related to this project will be the repair of broken water mains which will be significantly reduced as a result of this project.

The annual cost for maintenance for the pressure reducing valve is between \$3,000 and \$4,000 by the pressure reducing valve manufacturer.

The Village of New Paltz is proposing to fund this project in part with a WIIA grant provided through the NYS EFC Drinking Water State Revolving Fund (DWSRF), in conjunction with local resources.

The 2024 Village of New Paltz Budget, adopted on April 24, 2024, includes a total Water Department Appropriations of \$2,133,277.00 (refer to Page 12 of 20 of Exhibit 6).

Outstanding debt for the Village of New Paltz is outlined in the 2024-2025 Debt Schedule (refer to Exhibit 7). The total existing debt for the Village of New Paltz is \$9,455,000, with \$7,545,000 of that amount attributable to the Village's Water System.

A tabulation of users for the most recent fiscal year is included as Exhibit 8. The above figures do not include any new debt service specific to the proposed projects.

The annual additional debt resulting from the recommended projects will be 40% of the total project cost, amounting to \$1,096,520 (i.e., \$2,741,300 project estimate x 0.40). This additional debt would increase the total debt of the Village of New Paltz, from \$9,455,000, to \$10,551,520.

New debt service would be calculated based on bond interest rates at a time that the Village's share is required to fund the project.

3. Non-Monetary Factors

The only non-monetary factors applicable to this project are standardization and permit issues. By implementing this project, old deteriorated cast iron watermains will be replaced with Thickness Class 52 ductile iron watermains. Furthermore, installation of new Village-standardized Mueller hydrants and valves will improve operations and maintenance, as the Department of Public Works personnel are trained in the repair and replacement of these standardized materials and products.

As stated previously, the only Permit/Application requirement for the subject projects is completion and submission of Form DOH 308 - New York State Department of Health Application of Approval of Plans for Public Water Supply Improvement. This application will be submitted with the contract and construction documents to the NYSDOH for review and approval of Plans, Specifications and contract documents for each of the projects.

SUMMARY AND COMPARRISON OF ALTERNATIVES

Since the only acceptable alternative is to replace watermains and the pressure reducing valve and vault, a life cycle cost analysis of the other alternatives considered is not applicable for selecting an alternative.

RECOMMENDED AND SELECTED ALTERNATIVES

As stated previously the only recommended alternative is the Watermain Replacement with Thickness Class 52 Ductile Iron pipe, with related appurtenances, and replacement of the Pressure Reducing Valve and Vault.

This alternative will satisfy the Village of New Paltz Department of Public Works goal of standardizing the piping material contained in its water distribution system. Replacement of the deteriorated watermains with Thickness Class 52 Ductile Iron pipe watermains is the only viable alternative that will continue with the standardization of the Village's water distribution system and allow the Department of Public Works to continue with standard operations and tooling for maintenance of its water distribution system.

The alternative of replacing the pressure reducing valve and vault located in the proximity of the Aqueduct Pump Station requires annual servicing to ensure that water pressure from the Village's water source is properly maintained in the system. If the pressure reducing valve fails, pressure in the Village's system would be excessive, causing watermain breaks throughout the system, as well as property damage to plumbing fixtures in businesses,

residences and the State University. A malfunction of this equipment was experienced as recently as September 2016. The original pressure reducing valve and vault were installed in 1988.

The recommended and selected alternative(s) are described as follows:

- 1. Replacement of Distribution System Pressure Reducing Valve and Vault**
Installation of a new concrete vault and aluminum access hatch, install an 8" high pressure reducing valve, 4" low pressure reducing valve, two 4" gate valves, and two 8" gate valves.
- 2. Replacement of Watermain on Ridge Road and Lincoln Place**
Replace existing 1,020 LF 4" diameter cast iron watermain with 1,020 LF 8" diameter Thickness Class 52 DI pipe, install one (1) hydrant, three (3) 8" gate valves, reinstate 17 service connections (and replace lead service laterals if encountered), rock removal, and complete shoulder to shoulder asphalt overlay.
- 3. Replacement of Watermain on Southside Avenue (from Pencil Hill Road to Route 208)**
Replace existing 600 LF 6" diameter cast iron watermain with 600 LF 8" diameter Thickness Class 52 DI pipe, install two (2) hydrants, three (3) 8" gate valves, one 1"-, one 4"- and one 6"-service connections (and replace lead service laterals if encountered), rock removal, and complete shoulder to shoulder asphalt overlay.
- 4. Replacement of Watermain on Wurts Avenue and portion of Mohonk Avenue**
Replace existing 925 LF of 4" and 6" diameter cast iron watermain with 925 LF 8" diameter Thickness Class 52 DI pipe, install four (4) hydrants, two (2) 8" gate valves, 16 service connections (and replace lead service laterals if encountered), rock removal, and complete shoulder to shoulder asphalt overlay and pavement striping.
- 5. Installation of Watermain between Huguenot Street and Old Kingston Road**
Install new 2,970 LF of new 8" diameter Thickness Class 52 DI pipe, install three (3) hydrants, three (3) gate valves, one (1) stream crossing, three (3) service connections, rock removal, and complete shoulder to shoulder asphalt overlay.

A detailed Opinion of Costs for each of the recommended alternatives summarized above are included in Exhibit 5, totaling \$2,741,300.

The next steps for progression of these projects is to perform the required preliminary engineering including a topographic survey of all project sites, perform detailed engineering design in accordance with all applicable regulatory requirements and prepare contract specification and documents. Upon completion of the preparation of the engineering plans and contract documents, they will be forwarded to the NYSDOH, NYSDOT, and NYS OPRHP, for their respective reviews and approvals.

Once all regulatory approvals are received, the construction contracts will be publicly bid and construction will commence and be completed in accordance with the previously indicated tentative schedules.

SMART GROWTH

As per application document requirements, the completed and executed **Smart Growth Assessment Form** is attached as Exhibit 8.

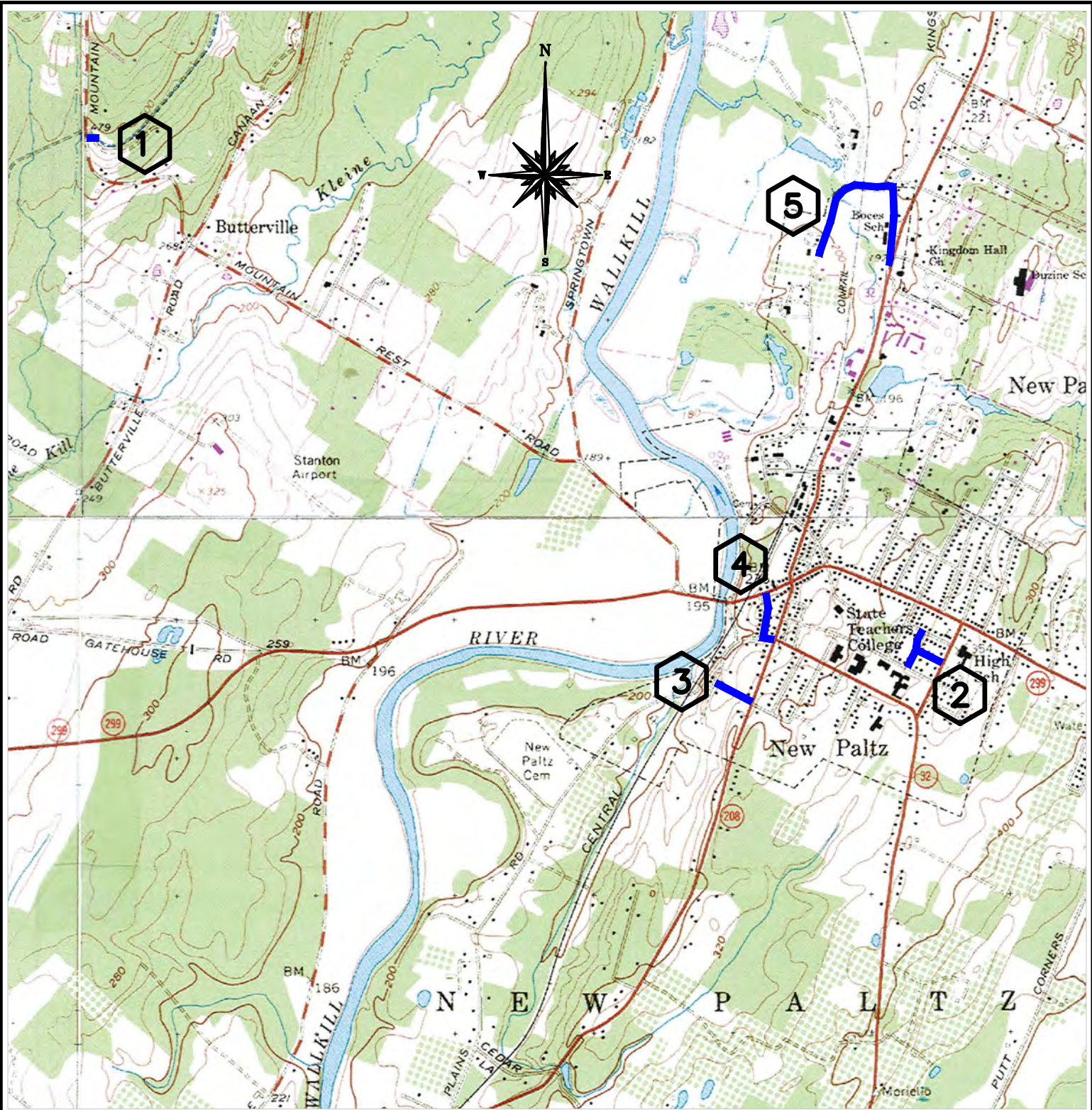
MAPS AND FIGURES

The list of Maps and Figures follow in this Report.

1. USGS Location Map of the Village of New Paltz and Locations of the Proposed Water Projects
2. Representative Photographs
3. Draft Water Demand Management Plan
4. **Capacity Development Program form**
5. Opinions of Probable Costs for Recommended Projects
6. 2024 Adopted Village of New Paltz Budget
7. 2024-2025 Village of New Paltz Debt Schedule
8. **Smart Growth Assessment Form**

EXHIBIT 1

USGS Location Map of the Village of New Paltz
Locations of the Proposed Water Projects



PROPOSED WATER PROJECTS 2024

1. REPLACEMENT OF PRESSURE REDUCING VALVE AND VAULT
2. WATERMAIN REPLACEMENT ON RIDGE ROAD AND LINCOLN PLACE
3. WATERMAIN REPLACEMENT ON SOUTHSIDE AVENUE FROM PENCIL HILL ROAD TO ROUTE 208
4. WATERMAIN REPLACEMENT ON WURTS AVENUE AND PORTION OF MOHONK AVENUE
5. NEW WATERMAIN INSTALLATION FROM HUGUENOT STREET TO OLD KINGSTON ROAD

MAP SOURCE:
 TOPOSCOUT USGS TOPOGRAPHICAL MAPS:
 ROSENDALE QUADRANGLE
 7.5' MINUTE USGS TOPOGRAPHIC MAP
 CLINTONDALE QUADRANGLE
 7.5' MINUTE USGS TOPOGRAPHIC MAP

Unauthorized alteration or addition to a plan bearing a licensed engineer's seal is a violation of section 7209, subdivision 2, of the New York State Education Law.



PROPOSED WATER SYSTEM UPGRADES & LEAD SERVICE LATERAL MITIGATION - PHASE 2

**2024 WIIA GRANT APPLICATION
 VILLAGE OF NEW PALTZ**

VILLAGE OF NEW PALTZ		ULSTER COUNTY		NEW YORK
DATE	REVISION RECORD	BRINNIER & LARIOS, P.C. ENGINEERS & LAND SURVEYORS 67 MAIDEN LANE KINGSTON, N.Y.		SHEET NO. 1 OF 1
SCALE 1" = 2000'		DATE JUNE 2024	CHK BJS	DD JDD

EXHIBIT 2

Representative Photographs

WATER SYSTEM UPGRADES & LEAD SERVICE LATERAL MITIGATION
PHASE 2 - 2024
VILLAGE OF NEW PALTZ



Photo No. 1 – Photo of Pressure Reducing Vault



Photo No. 2 – Photo of Pressure Reducing Valve

WATER SYSTEM UPGRADES & LEAD SERVICE LATERAL MITIGATION
PHASE 2 - 2024
VILLAGE OF NEW PALTZ



Photo No. 3 – Photo of Pressure Reducing Valve



Photo No. 4 – View of Pressure Reducing Vault alongside NYC Catskill Aqueduct

WATER SYSTEM UPGRADES & LEAD SERVICE LATERAL MITIGATION
PHASE 2 - 2024
VILLAGE OF NEW PALTZ



Photo No. 5 – View looking north along Huguenot Street at connection for new watermain



Photo No. 6 – View looking north along Huguenot Street at connection valve location for new watermain

WATER SYSTEM UPGRADES & LEAD SERVICE LATERAL MITIGATION

PHASE 2 - 2024

VILLAGE OF NEW PALTZ



Photo No. 7 – View looking easterly along route for Huguenot Street Old Kingston Road connection



Photo No. 8 – View looking easterly along route for Huguenot Street Old Kingston Road connection

WATER SYSTEM UPGRADES & LEAD SERVICE LATERAL MITIGATION

PHASE 2 - 2024

VILLAGE OF NEW PALTZ



Photo No. 9 – View northerly along route for Huguenot Street Old Kingston Road connection



Photo No. 10 – View of connection location on Old Kingston Road toward Route 32

WATER SYSTEM UPGRADES & LEAD SERVICE LATERAL MITIGATION

PHASE 2 - 2024

VILLAGE OF NEW PALTZ



Photo No. 11 – View looking easterly up Southside Terrace toward Route 208 connection location



Photo No. 12 – Photo of Mohonk Avenue and Wurts Street intersection from Route 208

WATER SYSTEM UPGRADES & LEAD SERVICE LATERAL MITIGATION

PHASE 2 - 2024

VILLAGE OF NEW PALTZ



Photo No. 13 – Photo looking north of Wurts Street from Mohonk Avenue



Photo No. 14 – Photo looking southerly up Wurts Street from Main Street

WATER SYSTEM UPGRADES & LEAD SERVICE LATERAL MITIGATION

PHASE 2 - 2024

VILLAGE OF NEW PALTZ



Photo No. 15 – View looking west down Lincoln Place toward Ridge Road from Route 208 intersection



Photo No. 16 – View looking east up Lincoln Place from Ridge Road toward Route 208

WATER SYSTEM UPGRADES & LEAD SERVICE LATERAL MITIGATION

PHASE 2 - 2024

VILLAGE OF NEW PALTZ



Photo No. 17 – View looking north on Ridge Road from Lincoln Place intersection



Photo No. 18 – View looking southerly on Ridge Road from Lincoln Place intersection

EXHIBIT 3

Draft Water Demand Management Plan

Village and Town of New Paltz, NY
DRAFT Water Demand Management Plan



April 18, 2015

Prepared by:



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1. Introduction

The Village of New Paltz (New Paltz), NY purchases an average of 61% of its water from the City of New York, Department of Environmental Protection - Bureau of Water Supply. This high-quality surface water originates in protected watershed areas of the Croton Watershed which covers an area 120 of more than 300 square miles north and east west of New Paltz. NYC's Catskill Aqueduct has delivered water to the Village of New Paltz (and the Town of New Paltz) since 1928 through a connection on Mt. Rest Road (Figure 1).

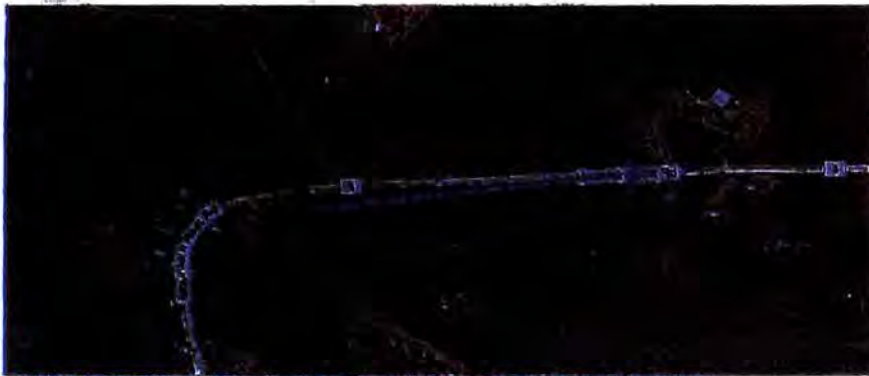


Figure 1: Catskill Aqueduct and New Paltz connection at Mt. Rest Rd.

Overall, the NYC Water Supply System is an integrated network of 19 reservoirs and three controlled lakes in a nearly 2,000 square-mile watershed. The NYC Water Supply System delivers approximately one billion gallons of water per day to over eight million users in New York City (NYC), as well as about 110 million gallons a day to Upstate Wholesale customers - nearly one million people living in Westchester, Putnam, Ulster, and Orange counties including New Paltz.

In addition to purchasing water from NYC, New Paltz also has its own water supply and manages a series of upland reservoirs adjacent to the water treatment plant as shown in Figure 2. This water supply has limited capacity, but is capable of supplying New Paltz for approximately 7 days when relied upon for 100% of supply.



Figure 2: New Paltz reservoirs and water treatment plant at Mt. Rest Rd.

NYC is planning the rehabilitation/repair of the Catskill Aqueduct and will be taking the Catskill Aqueduct offline for 10 week continuous durations in the fall of 2017, 2018, 2019 and possibly 2020. The New Paltz upland reservoirs (Figure 2) can produce about 158 gpm (fall) and 225 gpm (spring) of the estimated 610 gpm daily Village demand (roughly about 25%). It is estimated that and 500 gpm of additional water supply and or demand reduction is needed for the Village to sustain for 10 weeks without access to the Catskill Aqueduct flows.

New Paltz Officials are working to design and construct a sufficient backup water supply to be brought online by fall of 2017 and then sustained through 2020 and beyond to withstand the proposed shutdowns.

Water conservation and demand management are an important aspect of the backup water supply. This Water Demand Management Plan has been prepared specifically for the purpose of describing the measures New Paltz intends to implement to reduce consumption of water in advance of the outage and to further extend demand reductions over the subsequent years. This plan details the specific options considered, costs and benefits, and the potential demand reductions that can be achieved.

2. Water System Profile and Characterization

New Paltz is located on the Wallkill River in Ulster County, New York. According to the United States Census Bureau, the village has a total area of 1.8 square miles (4.6 km²), of which, 1.7 square miles (4.5 km²) of it is land and 0.04 square miles (0.1 km²) of it (1.70%) is water. The Wallkill River runs north along the western border of New Paltz, flowing into the Rondout Creek and eventually the Hudson River.

The New Paltz water system served approximately 6,817 people through approximately 1,065 service connections in 2014.¹ The total water produced in 2014 was approximately 324.5 million gallons (MG) (617 gpm on average) according to water treatment plant paper records. The 2014 daily average of water treated and pumped into the distribution system was 0.89 million gallons per day (MGD). In 2014, the Village of New Paltz purchased 218.6 MG (0.6 MGD) from the NYC system.

Water Treatment System

New Paltz purchases an average of 61% of its water from the City of New York, Department of Environmental Protection - Bureau of Water Supply. This high-quality surface water originates in protected watershed areas of the Croton Watershed. NYC's Catskill Aqueduct has delivered water to the Village of New Paltz (and the Town of New Paltz) since 1928 through a connection on Mt. Rest Road (Figure 1).

In addition to purchasing water from NYC, New Paltz also has its own water supply and manages a series of upland reservoirs adjacent to the water treatment plant as shown in Figure 2. This water supply has limited capacity, but is capable of supplying New Paltz for approximately 7 days when relied upon for 100% of supply.

The two waters are blended together, filtered and chlorinated at the New Paltz water treatment plant on Mountain Rest Rd. (Figures 1 and 2). The treated water is then put into the distribution system for use in the Village and Town of New Paltz.

Water Distribution System

New Paltz's interconnected water distribution system consists of 26 miles of main.

Figure 3 provides an overview of the Village and Town of New Paltz's water distribution system, including the water districts, treatment plant, and other features. Within the Town of New Paltz, each water district and sewer district has its own slightly different water and sewer rates.

¹ Annual Drinking Water Quality Report for 2014, Village of New Paltz Water

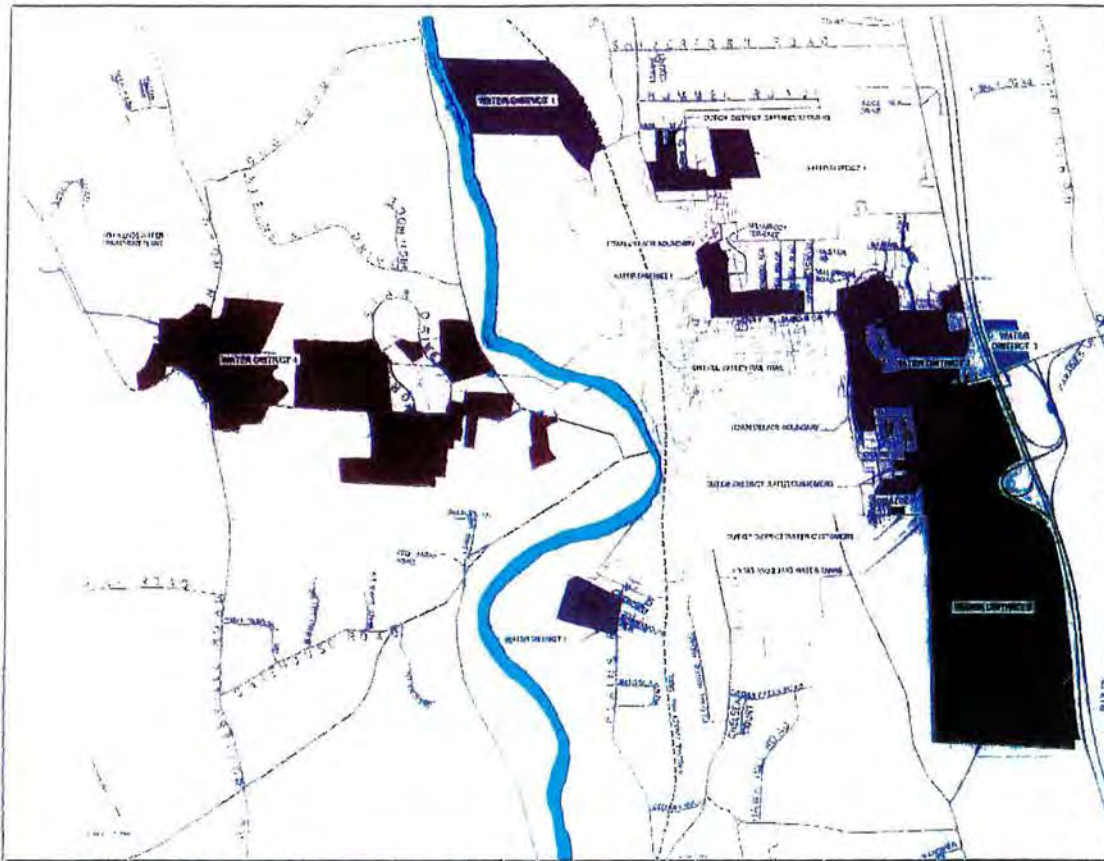


Figure 3: Water distribution map, Village and Town of New Paltz

Service Area Characteristics

New Paltz is a well-established community focused around the State University of New York, New Paltz (SUNY) and the water service area has grown about 20% since 1990, adding more than 1,400 people.² Population and per capita water use over the past few years are shown in Table 1 along with annual purchases from NYC and volumes of water produced from New Paltz's own sources.

Perhaps most striking about the data presented in Table 1, is the level of non-revenue water in New Paltz. Non-revenue water is measured as the difference between the volume of water produced each year and the volume of water actually metered and sold to customers. In 2014, New Paltz had 138.5 MG (42.7%) non-revenue water. This is a high level of non-revenue water compared with other upstate communities served by the NYC aqueduct system.

Table 1: New Paltz water demand, non-revenue water, population, and per capita use 2010-2015

² U.S. Census Bureau

(https://www.google.com/publicdata/explore?ds=kf7cgg1uc9ude_&met_y=population&idm=place:3630551&hl=en&dl=en.)

	2010	2011	2012	2013	2014
<i>New Paltz Town (MG)</i>	32.9	32.0	31.4	31.9	30.6
<i>SUNY(MG)</i>	35.9	35.1	37.5	36.3	38.5
<i>New Paltz Village (MG)</i>	107.2	105.0	106.1	108.6	106.8
<i>Total (MG)</i>	176.0	172.1	175.0	176.1	176.0
<i>Purchased from NYC (MG)</i>	173.3	116.5	189.1	212.6	218.6
<i>From Own Sources (MG)</i>	100.9	165.8	107.9	105.4	105.9
<i>Total Produced (MG)</i>	274.3	282.3	297.0	318.0	324.5
<i>% from NYC</i>	63.2%	41.3%	63.7%	66.8%	67.4%
<i>% from Own Sources</i>	36.8%	58.7%	36.3%	33.2%	32.6%
<i>Total Non-Revenue (MG)</i>	98.3	110.3	121.9	141.9	148.5
<i>% Non-Revenue</i>	35.8%	39.4%	41.4%	44.6%	45.3%
<i>Population (water quality report)</i>	6,817	6,817	6,817	6,817	6,817
<i>Gallons/capita/day - produced</i>	110.2	113.5	119.4	127.3	130.4
<i>Gallons/capita/day - metered</i>	70.7	69.1	70.3	70.8	70.7

3. Water Demand and Savings Potential

This plan summarizes and analyzes water deliveries and demands in New Paltz over the past five years to explore potential for cost-effective water demand management.

In 2014 the New Paltz purchased 218.6 MG (0.6 MGD) from the NYC system and produced 105.9 MG (0.3 MGD). Annual water demands for 2010-14 are presented in Figure 4. From 2010-14, New Paltz purchased an average of 182.0 MG (0.5 MGD) per year from the NYC water supply system. There is an increasing trend to water demand in New Paltz in spite of relatively stable population based on US Census reports.³

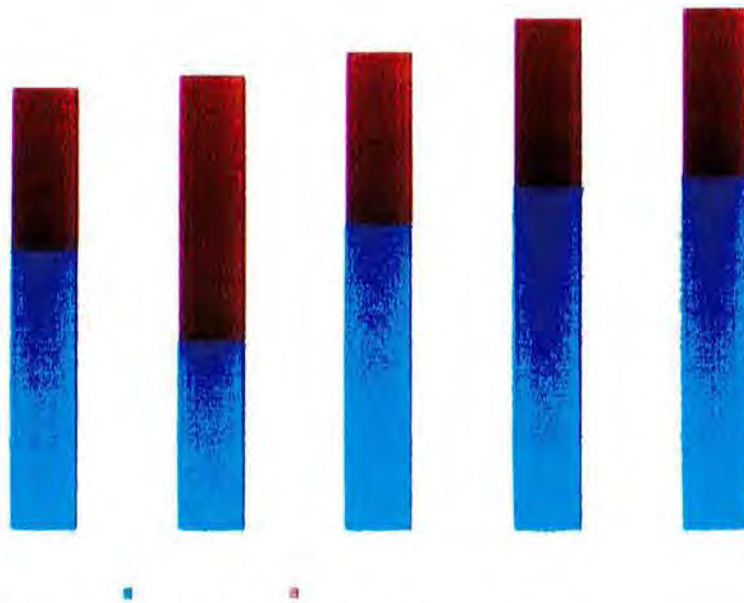


Figure 4: Water supply by source – New Paltz, NY, 2010 - 2014

The annual consumption from all of the New Paltz’s metered accounts (Village and Town + SUNY) from 2010-14 and calculated system non-revenue water are shown in Figure 5. Non-Revenue water in New Paltz’s distribution system ranged from 98.3 to 148.5 MG over the past six years and averaged 41.3% of deliveries. A more detailed analysis of non-revenue and water loss in 2014 is presented later in this section.

³ U.S. Census Bureau
https://www.google.com/publicdata/explore?ds=kf7tgg1uo9ude_&met_y=population&klm=olace:3650551&hl=en&dl=en

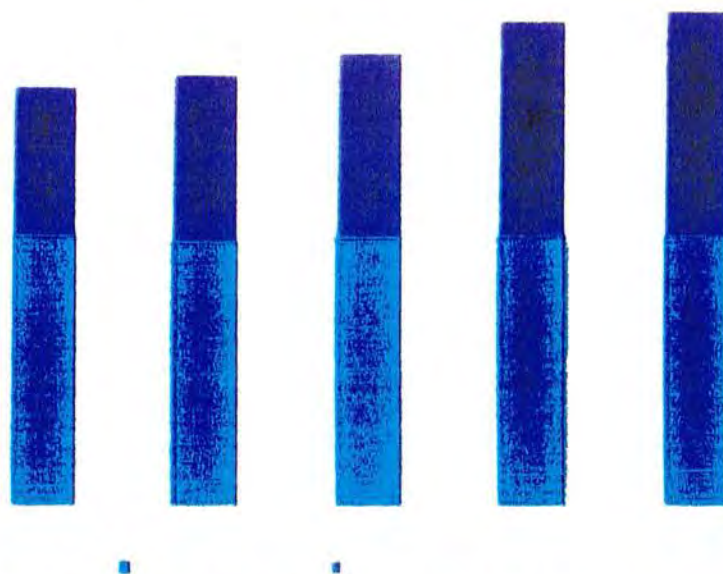


Figure 5: Metered demand and non-revenue water, New Paltz, 2010 -2014

Annual metered demand for the Village, Town, and SUNY are shown in Figure 6. The Village is the largest user of water, comprising about 61% of total metered consumption over the past four years.

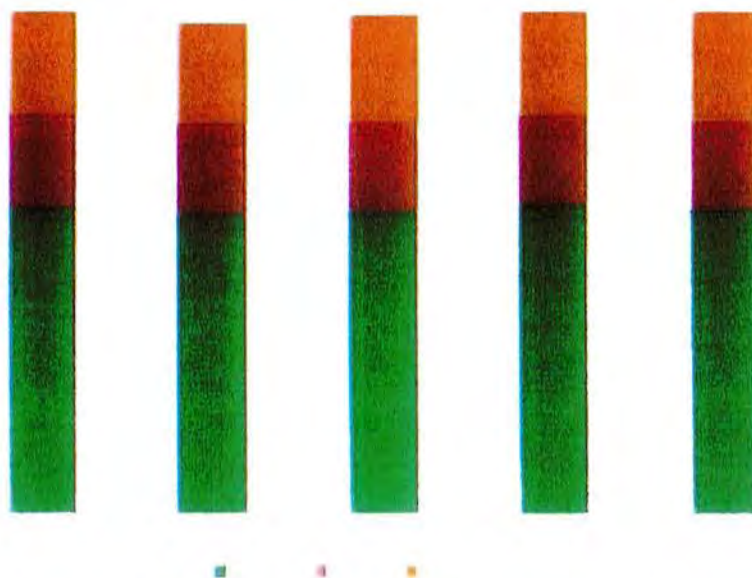


Figure 6: Annual metered demand, New Paltz, 2010 - 2014

Quarterly metered consumption for the Village, Town and SUNY is shown in Figure 4. New Paltz experiences the highest demand during the fourth quarter of each year in this time series. The increase is driven by increased usage in the Village which consistently occurs in the fourth quarter.

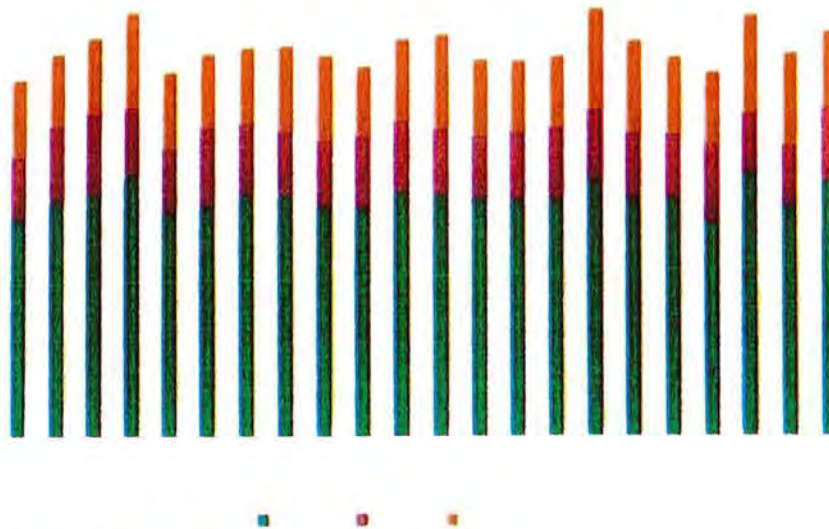


Figure 7: Quarterly water demand, New Paltz, 2010 – 2015

The Village of New Paltz’s 2014 metered demand is shown as a pie chart in Figure 7. Water demand is divided into key categories including the Village (61%), Town (17%), and SUNY (22%).

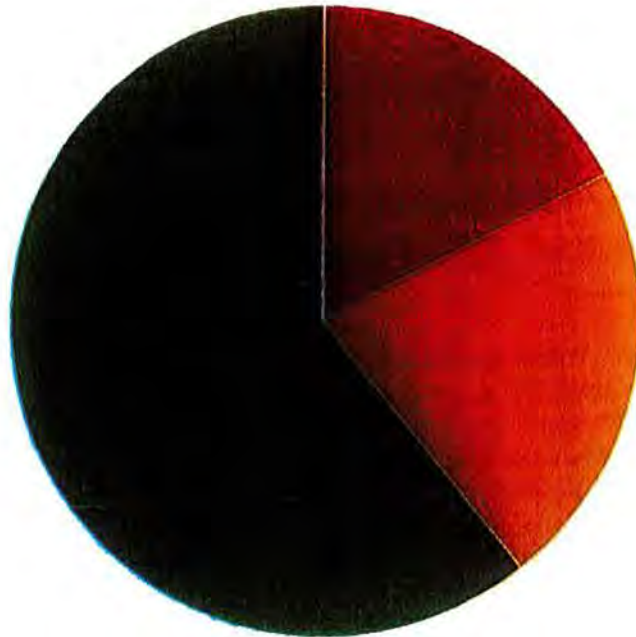


Figure 8: 2014 metered water use, Village, Town, SUNY

Water Loss Analysis

As part of the preparation of this water demand management plan, WaterDM prepared a basic desktop water loss audit for calendar year 2014 for the New Paltz water system using the American Water Works Association (AWWA) M36 approach and free Excel software version 5.0. Utilities incur real losses from pipeline leakage and apparent losses when customer water consumption is not properly measured or billed. The water audit method used for New Paltz was developed jointly by the International Water Association and AWWA and provides the best management practice tools and guidance water utilities need to efficiently manage their supplies.

While overall non-revenue water in 2014 was 149.033 MG, the 2014 water loss control audit for New Paltz found that approximately 144.9 million gallons of that non-revenue volume are lost from the system over the year. About 10.5 million gallons are Apparent Losses and 134.4 million gallons are Real losses.⁴

Real water losses in New Paltz amounted to 346 gallons per connection per day in 2014, a very high rate. This could probably be brought down to 50 gallons per connection per day over time through a systematic water loss control program. It is calculated that in 2014, the annual cost to New Paltz of the apparent losses in the system was \$49,310 and the annual cost of real losses to the system was \$211,582.

⁴ The AWWA M36 Manual (3rd ed. 2009) defines apparent losses as unauthorized consumption, customer metering inaccuracies, and systematic data handling errors. Real losses are defined as leakage in transmission and distribution lines, leakage and overflows at storage tanks, and leakage on service connections up to the customer meter.

2014 New Paltz Water Loss Control Performance Indicators

Financial Indicators

- \$49,310 – Annual cost of Apparent losses
- \$211,582 – Annual cost of Real losses (valued at the variable production cost - \$1,573.61 per MG)
- **45.9%** - Non-revenue water as percent of volume of water supplied.

Operational Efficiency

- Apparent losses per service connection – 27.05 gal/connect/day
- Real losses per service connection per day – 345.89 gal/connect/day
- Current Real Annual Losses – 134.46 million gallons/year
- Infrastructure Leakage Index (ILI)³ – Could not be calculated because of poor/uncertain data quality and/or missing data.

Water Audit Data Validity Score

New Paltz earned a 46 out of 100 Water Audit Data Validity Score for this, their first Water Audit. A score of 46 is a poor level of overall water accountability, even for a first audit. This score can be improved through the comprehensive water loss control described later in this plan and by reviewing the data validating requirements in the AWWA software (v5.0) and by implementing as many of the recommendations indicated as possible.

³ The Infrastructure Leakage Index (ILI) is a performance indicator for comparing utilities operational management of real losses.

New Paltz 2014 Water Loss Control Audit Summary

A summary of the data input and outputs from the 2014 New Paltz water loss control audit is presented here.

Village of New Paltz Water Audit Summary 2014

Water Supplied (MG)	
Volume from own sources:	102.768
Water purchased from NYC	222.232
Water exported (included with Billed Metered):	
Water Supplied:	325.000
Authorized Consumption (MG)	
Billed metered:	175.967
Billed unmetered:	
Unbilled metered:	
Unbilled unmetered:	4.063
Authorized Consumption:	180.030
Water Losses (Water Supplied - Authorized Consumption)	144.971
Apparent Losses (MG)	
Unauthorized consumption:	0.813
Customer metering inaccuracies:	9.261
Systematic data handling errors:	0.440
Apparent Losses:	10.514
Real Losses = Water Losses - Apparent Losses:	134.457
Water Losses:	144.971

Table 2: New Paltz 2014 AWWA Water Audit Summary

Current and Historic Demand Management

New Paltz has implemented and continues to implement a few relevant demand management measures. These measures are described briefly below:

Village of New Paltz - Inclining Block Rate Billing Structure for Water and Sewer

In the Village of New Paltz, customers are billed quarterly using an inclining block rate structure with a base rate which includes 4,000 gallons of usage and tiers at 50,000 gal., 100,000 gal., 200,000 gal., 400,000 gal., and 750,000 gal. of quarterly consumption. The Village of New Paltz water and sewer rate structure is described in Table 3 and Table 4 below.

Table 3: Village of New Paltz, volumetric water rates

Tier	Min Usage/quarter (gal.)	Max Usage/quarter (gal.)	Rate (\$) / kgal
Base/ Fixed		4,000	\$ 18.75*
Step 1	4,000	50,000	\$ 4.69
Step 2	50,001	100,000	\$ 5.16
Step 3	100,001	200,000	\$ 5.67
Step 4	200,001	400,000	\$ 6.24
Step 5	400,001	750,000	\$ 6.86
Step 6	750,001		\$ 7.55

*\$18.75 is the minimum quarterly charge for 0 – 4,000 gal. usage.

Table 4: Village of New Paltz, volumetric sewer rates

Tier	Min Usage/quarter (gal.)	Max Usage/quarter (gal.)	Rate (\$) / kgal
Base/ Fixed		4,000	\$ 17.50*
Step 1	4,000	50,000	\$ 4.38
Step 2	50,001	100,000	\$ 4.81
Step 3	100,001	200,000	\$ 5.29
Step 4	200,001	400,000	\$ 5.82
Step 5	400,001	750,000	\$ 6.41
Step 6	750,001		\$ 7.05

*\$17.50 is the minimum quarterly charge for 0 – 4,000 gal. usage.

Town of New Paltz - Inclining Block Rate Billing Structure for Water and Sewer

The Town of New Paltz also bills customers quarterly using an inclining block rate structure with a base rate which includes approximately 4,000 gallons of usage and tiers at 50,000 gal., 100,000 gal, 200,000 gal., 400,000 gal., and 750,000 gal. of quarterly consumption. The Town's water rates vary somewhat between the four water districts and the two sewer district. The Town of New Paltz water and sewer rate structure is described in Table 5 and Table 6 below showing the potential maximum and minimum rate depending on the district.

Table 5: Town of New Paltz, volumetric water rates

Tier	Min Usage/quarter (gal.)	Max Usage/quarter (gal.)	Min. Rate (\$) / kgal	Max. Rate** (\$) / kgal
Base/ Fixed		4,000	\$34.83*	\$49.73
Step 1	4,000	50,000	\$9.79	\$14.07
Step 2	50,001	100,000	\$10.54	\$14.82
Step 3	100,001	200,000	\$11.37	\$15.65
Step 4	200,001	400,000	\$12.28	\$16.56
Step 5	400,001	750,000	\$13.28	\$17.56
Step 6	750,001		\$14.88	\$18.66

*\$34.83 is the minimum quarterly charge for 0 – 4,000 gal.

**Out of District customer charges in Water District 4.

Table 6: Town of New Paltz, volumetric sewer rates

Tier	Min Usage/quarter (gal.)	Max Usage/quarter (gal.)	Min. Rate (\$) / kgal	Max. Rate** (\$) / kgal
Base/ Fixed		4,000	\$31.30	\$55.20
Step 1	4,000	50,000	\$8.82	\$16.31
Step 2	50,001	100,000	\$9.53	\$17.01
Step 3	100,001	200,000	\$10.30	\$17.78
Step 4	200,001	400,000	\$11.15	\$18.63
Step 5	400,001	750,000	\$12.08	\$19.57
Step 6	750,001		\$13.11	\$20.60

*\$31.30 is the minimum quarterly charge for 0 – 4,000 gal. usage.

**Out of District customer charges in Sewer District 5

Evaluation of Rate Structures

To better understand how the water rates and rate structures impact water bills in New Paltz, hypothetical quarterly water bills were calculated for 8 different types of New Paltz customers using the combined water and sewer rates in the Village and in the Town. The results are shown in Table 7. The effective \$/kgal of use was also calculated and shown. This gives a clearer sense of the cost for water and sewer service confronting customers in the Village and the Town.

Table 7: Calculated quarterly water bills for different types of Village and Town customers

Village Town

	Quarterly Use (kgal)	Max. Quarterly Bill (\$)	\$/kgal	Max. Quarterly Bill (\$)	\$/kgal
<i>Efficient SF</i>	8	\$ 72.50	\$ 9.06	\$226.45	\$28.31
<i>Indoor SF</i>	16	\$ 145.01	\$ 9.06	\$469.50	\$29.34
<i>Indoor+ Outdoor SF</i>	32	\$ 290.01	\$ 9.06	\$955.60	\$29.86
<i>Indoor + Higher Outdoor</i>	64	\$ 592.72	\$ 9.26	\$1,809.02	\$28.27
<i>Commercial Medium</i>	100	\$ 951.60	\$ 9.52	\$2,876.26	\$28.76
<i>Commercial Mixed</i>	200	\$ 2,048.20	\$ 10.24	\$6,006.29	\$30.03
<i>Commercial Large</i>	400	\$ 4,460.60	\$ 11.15	\$12,630.36	\$31.58
<i>SUNY</i>	800	\$ 9,834.17	\$ 12.29	\$25,764.58	\$32.21

While both the Village and the Town of New Paltz's rate structures provides a price incentive for conservation through its increasing tier structure, the quarterly billing cycle makes it difficult for customers to make rational economic decisions on their water use. Quarterly billing is not considered a demand management best practice by AWWA (monthly is best, bi-monthly is acceptable).⁶

As shown in Table 7, the price difference for 1,000 gallons of water and sewer service varies from \$9.06 to \$12.29 across the six tier structure in the Village and between \$28.31 and \$32.31 in the Town. Obviously residents in the Town face substantially higher rates on the order of the times the rate paid by customers in the Village. This range of pricing within the Village and Town rate structures is not particularly large, but should provide some incentive for water conservation. However, the nature of the quarterly billing cycle makes it difficult for customers to recognize changes in consumption and to take action in a timely manner.

To more effectively incent customers through pricing mechanisms, the Village and should consider switching to a monthly or bi-monthly billing cycle. This may not be practical given current staffing levels, but should be kept as an option if additional demand reductions are needed in the future.

Water Loss Control Measures

New Paltz has recently taken important proactive steps to reduce water loss, but it is a long and difficult process. New Paltz utilizes a 12 year water meter replacement cycle, which is considered an industry best practice. More than 50% of the current replacement cycle has now been completed.

New Paltz conducts annual leak detection surveys and uses its SCADA system to conduct night flow studies in District Metered Areas (DMA's). These are also considered industry best practices. Even with these measures in place, staff report it took 20 days to find a particularly vexing leak in 2014. New Paltz staff estimated an annual investment of \$100,000 per year in water loss control measures including leak detection and monitoring.

Additional leak detection and water loss control measures are something the New Paltz is interested in pursuing through the NYC DEP planning process.

Comments on Water Loss Control

⁶ AWWA G480 Water Conservation Program Operation and Management Standard (2013).

New Paltz is implementing a number of best practices for water loss control. They should continue to implement an annual M36 water audit. It should not be difficult to complete audits for 2014 and 2015 and it could be done as part of this planning project. A minimal amount of additional data would be required. New Paltz's best practice metering program should reduce apparent water losses. DEP funding could be used to augment and improve New Paltz's current efforts with an emphasis on reducing real losses.

Village of New Paltz Advanced Metering and Leak Alert Program

In 2008 the Village of New Paltz contracted with National Meter to install new water meters capable of being read remotely. The Orion metering system, manufactured by the Badger Meter Company of Wisconsin is one of the most popular remote meter reading systems on the market.

An important feature of the Orion system, enables the Village to monitor water use for all customers on an hourly basis. The Orion system produces a daily report of customers with continuous water usage in the Village – an indication of a possible leak. The Village has begun contacting customers based on this information and is developing a coordinated approach for using this information to find, fix, and repair customer water leaks and unnecessary continuous use.

The Orion system has been in place since 2008, but New Paltz has not conducted an evaluation to determine the effectiveness of the water reports provided. This is something to consider for the future.

The Village would like to extend the use of this system and its capabilities for alerting customers to leaks and abnormal usage to the Town of New Paltz. This concept is presented in the discussion of program measures.

Drought Response and Emergency Curtailment

In the event of a water supply emergency, the Village of New Paltz Board of Trustees has the authority to publicly declare an emergency and impose necessary water use restrictions. Section 207-15 (below) covers water emergencies:

§ 207-15 Emergencies.

A.

Declaration. Whenever the Board of Trustees shall determine that an emergency exists due to shortage of water, the Board of Trustees shall publicly declare the existence of an emergency by adopting a resolution to that effect at a regular or special meeting and causing a notice thereof to be published in the official newspaper of the Village. Thereafter no water from the Village water system shall be wasted in any manner nor shall any water be used for any purpose other than necessary household or business consumption until such time as the Board of Trustees shall declare that the emergency is terminated.

B.

Necessary household and business use defined. Necessary household and business use shall include use of water for drinking, washing and bathroom facilities but shall not include the use of water for sprinkling lawns or shrubbery, washing of porches or vehicles or use of water in air-conditioning equipment where the water is not recirculated or for other uses of similar character.

C.

Special uses may be permitted. The Board of Trustees may from time to time during an emergency permit use of water for certain specified purposes which shall be stated in the resolution of the Board.

D.

Water may be shut off for violation. In addition to the penalty otherwise herein prescribed, the Board of Trustees may in the event of a violation of this section order the water to the premises of the violator to be shut off in the same procedure provided in Subsection C of § 207-1 of this chapter.

1998-99 Toilet Rebate

In late December 1998, the Village of New Paltz offered a low-volume toilet rebate program which offered a rebate for replacing up to three toilets. According to a local press account⁷, the Village offered \$100 for replacing one toilet, \$175 for two toilets, and \$225 for three toilets. It is unknown how many toilets were replaced under this program, but it seems likely that a substantial number of old, inefficient fixtures were replaced under this generous (for the time) rebate program.

Water Savings Goal

The water savings goal for this plan is for the Village and Town of New Paltz (including SJNY) to achieve water demand reductions of at least 30 gpm in advance of and during the planned aqueduct outages in the fall of 2017, 2018, 2019, and 2020. This level of reduction is intended to act as a buffer during the outage to reduce groundwater pumping. This savings goal is based on 5% of the proposed new groundwater supply capacity (600 gpm). The water savings goal is summarized and put into context in Table 6 below.

Village and Town of New Paltz	2014 (MGD)	2014 (MG)
Water Purchased from NYC	0.6	218.6
Water from New Paltz Ponds	0.3	105.9
Total Produced	0.9	324.5
Metered Demand	0.5	176.0
Non-Revenue Water	0.4	148.5
30 gpm savings goal	0.04	15.8

The savings goal of 15.8 MG represents about 4.4% of the total water produced in 2014, but represents 6.7% of the water purchased from NYC. It is interesting to note that a 10% reduction in non-revenue water in New Paltz would accomplish the savings goal.

⁷ Wed. Dec. 30, 1999 article.

4. Water Demand Management Program Measures and Options

The analysis of water demand management program options for the Village and Town of New Paltz identified four areas that appear promising for implementation and have the potential of achieving and exceeding the desired demand reduction. The areas are:

1. Water loss control including component analysis of real losses, comprehensive leak detection, water main and service line repair, and pressure management.
2. Replacing all water meters in the Town with the Badger Orion system and providing customer information and leakage alerts as is currently done for the Village.
3. Voluntary and/or mandatory curtailment 3 months a year during the aqueduct outages.
4. Increased water efficiency on the SUNY campus coupled with full metering and accountability for SUNY demand.

Each measure is briefly described below and a summary of the preliminary water savings and cost analysis is presented in Table 4.1. The cost estimates presented here are "reconnaissance level" (+/- 25%) estimates intended to provide information on the relative costs of different demand management measures.

Potential Water Demand Management Measures, Village and Town of New Paltz

Measure	Basis for Savings Estimate	Units/ Customers	Expected Savings (gpd)	% of Savings Total	Expected Cost (\$)	1-Year Cost per GPD Saved (\$)	Expected 5-Year Net Cost*
1. Water loss control	10% reduction in water loss.	Line repair + pressure reduction	97,653	94.1%	\$150,000	\$3.98	\$41,866
2. New meters and customer info (Town)	6% reduction in demand.	Town customers only.	5,112	12.8%	\$234,000	\$45.78	\$219,320
3. Customer information/emergency response	10% reduction for 3 months.	All customers in Village and Town.	12,055	30.1%	\$255,638	\$21.24	\$324,087
4. SUNY efficiency and metering	5% reduction in SUNY demand.	On campus measures + full metering and accountability.	5,130	12.8%	\$150,000	\$29.24	\$179,176

*Includes revenue loss from sales and revenue gain from reduced NYC purchases.

Table 5.1: New Paltz demand management options, preliminary cost and savings analysis

Measure 1 Water loss control initiative including component analysis of real losses, comprehensive leak detection, water main and service line repair, and pressure management

Water loss control is by far the most important measure for New Paltz to pursue. Reducing real losses by 10% could account for almost the entire demand reduction goal (94%). A comprehensive multi-year water loss control program for New Paltz is provided in the implementation plan (Chapter 5).

To achieve savings from water loss control as swiftly as possible, it is recommended that New Paltz conduct two thorough annual leak detection surveys in 2016 in which listening equipment is used to listen at every hydrant, valve, and service connection. New Paltz repair crews should be at the ready to act quickly when leaks are found.

Also during 2016, New Paltz should:

- Conduct a more rigorous water loss audit including a component of real losses analysis.
- Move forward with additional metering for SUNY
- Replace old meters in the Town to reduce apparent losses

Through a coordinated and concerted water loss control effort over the next five years, New Paltz should be able to meet or exceed the savings goal of a 10% reduction in real losses.

Water savings potential: 0.037 MGD (94% of goal)

Measure 2 Replace Town water meters with the Badger Orion system and provide customer information and leakage alerts

Currently the water meters in the town are old and must be read manually. The Village would like to extend the use of the Badger Orion automated meter reading system and its capabilities for alerting customers to leaks and abnormal usage to the Town of New Paltz.

The Town's inventory of meters is shown in the table below.

Meter Size	Number of Services
¾"	315
1"	9
1½"	8
2"	18
3"	2
Total	352

The meter replacement cost for Badger / Orion cellular meters will approximate \$140,000. The software and hardware equipment necessary for the system will approximate \$21,000 and the installation by National Metering (or a similar firm experienced with community meter installations) will approximate \$73,000. Total cost to replace the Town meters and install replacement cellular meters (with the software and hardware required) is estimated to be \$234,000.8

The Town plans to purchase the Orion cellular system and the Village plans to adopt the cellular meter technology to replace the radio reads it currently uses as they age out. Radio reads take drive by meter readings. Cellular reads transmit directly to the office where the billing takes place and do not require field data collection.

Simply replacing the water meter can improve accuracy and accountability, but is not necessarily a water savings measure. However, the Orion and other similar systems have the capability of recording flows every hour and identifying customers with continuous water use which is often indicative of a leak. The Village receives a regular report of customers who likely have a leak and then contacts the customers with advice and information. This capability will be extended to the Town's 352 customers as well.

The overall impact of the metering program and leak detection component is an estimated 6% reduction in total Town demand.

Water savings potential: 0.005 MGD (6% of goal)

Measure 3: Voluntary and/or mandatory curtailment 3 months a year during the aqueduct outages

An intensive and engaging public awareness and information campaign implemented annually in the months leading up to and during the aqueduct outages could achieve an estimated 10% reduction in consumption across New Paltz. Some of these reductions would be permanent savings and some would only be temporary.

To be successful at this level, the program must be carefully designed and implemented and should include clear and effective recommendations for customers to follow.

The program should forbid any and all outdoor water use in New Paltz (including SUNY) during the outage period including:

- Watering outdoor landscape
- Washing cars
- Hosing down pavement
- Filling of outdoor pools and spas (unlikely)

The program should also encourage sensible indoor conservation including recommendations to replace old toilets, faucets, and showerheads with WaterSense labeled fixtures, high-efficiency clothes washers and dishwashers and prompt repair of leaks.

The estimated 5 year cost of this program is \$324,000 (\$64,800), but this is a rough estimated and likely on the high end, so it is certainly possible that this objective could be accomplished for less.

Water savings potential: 0.012 MGD (30% of goal)

Measure 4: Increased water efficiency on the SUNY campus coupled with full metering and accountability for SUNY demand.

As shown in Figure 8, SUNY New Paltz consumed 22% of the metered volume in 2014 and upon further investigation it appears there may be some old un-metered connections to the campus which suggests their consumption could actually be higher. These connections are being investigated by New Paltz staff. Improving accountability and metering is important, but does not contribute to the 5% water savings goal.

To achieve a 5% reduction in the demand, the SUNY campus could implement water efficiency in buildings by replacing any old and inefficient toilets and urinals and by making a concerted effort to find and fix leaks.

Prior to the infrastructure outage it is recommended that SUNY implement a campus wide public awareness and information campaign aimed at students, faculty, and staff about the upcoming aqueduct outage and the need to practice water use efficiency and report leaks in the coming months.

An implementation of a combination of these efforts (1) fixture replacement and leak repair; and (2) public information and education prior to and during the outage are anticipated to meet or exceed the 5% reduction goal for SUNY.

A total 5 year budget of \$180,000 (\$30,000 per year – or other configuration) with approximately 60% going for replacing old fixtures and 40% for annual information and education.

Water savings potential: 0.005 MGD (12% of total New Paltz goal)

5. Water Loss Control Implementation Plan

A more detailed implementation plan and budget for the New Paltz water loss control initiative is provided below:

The proposed New Paltz Water Loss Control Initiative with a five year budget for the program is outlined below.

PROGRAM ELEMENT	ESTIMATED TIME	GOALS
<p>Water Loss Assessment <i>Building on 2014 desktop audit produced by WaterDM, work closely with water loss specialist to produce 2015 audit and component analysis. New Paltz staff will learn process for conducting future audits</i></p>	3 months	<ul style="list-style-type: none"> produce a reliable 2015 AWWA water audit (which will serve as the baseline from which to calculate savings in future interventions) highlight procedural and data improvements required for better water loss assessment
<p>2. Component Analysis of Real Losses</p>	~ 3 months	<ul style="list-style-type: none"> produce a Component Analysis of Real Losses recommend improvements on repair record documentation highlight biggest areas of leakage reduction opportunities
<p>3. Leak Detection Intervention <i>Conduct 2 complete rounds of comprehensive leak detection</i></p>	Years 1 - 5	<ul style="list-style-type: none"> reduce the backlog of leakage in Round 1 round 2 will identify leaks that were masked by leaks found in Round 1 and new leaks that developed after repair of leaks identified in Round 1
<p>4. Pressure Management Intervention <i>Identify opportunities for pressure reduction and implement pressure management plans</i></p>	Years 1 & 3	<ul style="list-style-type: none"> inventory actual operating pressures reduce leakage through optimized pressure regimes

Real Loss Savings Potential

To assess the potential savings stemming from implementation of the Water Loss Control Initiative it was assumed that under an ideal scenario each utility will reduce real losses in New Paltz to a level of 50 gal/ con/day. While a significant reach for New Paltz, this is an attainable level of Real Losses achieved by United Water New Rochelle (55 gal/con/day) and the Philadelphia Water Department (PWD) has reported optimized levels of Real Losses in one of its pilot areas of 44 gal/con/day⁹.

⁹ Kunkel, G. and Sturm R. 2011. Piloting Proactive, Advanced Leakage Management Technologies. Jour. AWWA, volume 103

A second more conservative savings scenario was developed as well, where it was assumed New Paltz will reduce real losses to a level of 70 gal/ con/day.

The Real Loss savings per service connection per day were then used to extrapolate the Real Loss savings for each of the seven wholesale agencies and are summarized in the Table below:

Table 5.2: Estimated potential savings from water loss control

Water Agency	Water Imported (MGY)	Current Real Losses (gal/con/day)	Target Real Losses Scenario One (gal/con/day)	Estimated Real Loss Savings Scenario One (MGY)	Target Real Losses Scenario Two (gal/con/day)	Estimated Real Loss Savings Scenario Two (MGY)
New Paltz	222	324	50	106.5	70	98.7

Program Considerations

The following are important water loss program consideration for New Paltz:

- **Funding:** DEP is considering a regional water loss control initiative which New Paltz could participate in. However, New Paltz has immediate need to begin implementation ahead of the 2017 aqueduct outage.
- **Repair Commitment:** In the implementation phase, the process of leak detection only *identifies* failures that have not yet surfaced. ***In order to realize water savings, New Paltz must promptly repair the failures identified in each leak detection survey.*** For this effort to be a success, New Paltz must commit to repairing leaks found through the detection survey process.
- **Savings Tracking:** The impact of water loss control interventions must be measured. There are a number of approaches to do this, depending on the setup and metering. Options include:
 - Estimation of flow rate for each leak found and repaired
 - System wide audit prepared before and after leak detection survey
- **Timing:** New Paltz needs to begin as soon as possible. If possible, both rounds of leak detection and repair should be completed before the 2017 aqueduct outage. Annual leak detection and repair should be planned for 2018 – end of the aqueduct project.
- **Continuation of Water Loss Control:** New Paltz must carry this effort forward. Leak detection is not a one-time fix: it is meant to be a tool deployed intermittently to contain a continuously accumulating leakage volume in the system. Knowledge transfer and capacity building is key and we will integrate training throughout the program.

Table 5.3: Draft budget for water loss control program

TASK	DESCRIPTION	HOURS	COST
1 WATER LOSS ASSESSMENT			
WATER LOSS ASSESSMENT TOTAL		30	\$ 5,000
2 COMPONENT ANALYSIS			
COMPONENT ANALYSIS TOTAL		18	\$ 3,000
3 LEAK DETECTION			
3B - Leak Detection Survey (per round)	<i>Surveying the system - units under "Hour Estimate" are MILES</i>	26	\$16,120
LEAK DETECTION TOTAL		26	\$ 16,120
4 PRESSURE MANAGEMENT			
4A - Inventory of Operating Pressures	<i>Inventory of pressure controlling infrastructure and data logging</i>	40	\$ 9,000
4B - Design of Reduction Opportunities	<i>identification of pressure reduction opportunities and outlining of strategy</i>	30	\$ 6,750
4C - Implementation Guidance	<i>Guidance as needed to achieve recommended pressure reduction strategies</i>	16	\$ 3,600
4D - Savings Estimations & Reporting	<i>Documentation of findings, estimation procedure and total savings</i>	12	\$ 2,700
PRESSURE MANAGEMENT TOTAL		98	\$ 22,050
TOTAL YEAR 1 (includes two rounds of leak detection and pressure mgmt. assistance)			\$62,290
TOTAL YEAR 2 (includes one round of leak detection)			\$16,120
TOTAL YEAR 3 (includes one round of leak detection and pressure mgmt. assistance)			\$38,170
TOTAL YEAR 4 (includes one round of leak detection)			\$16,120
TOTAL YEAR 5 (includes one round of leak detection)			\$16,120
TOTAL ALL YEARS			\$148,820

• THIS BUDGET DOES NOT INCLUDE PROGRAM MANAGEMENT AND REPORTING

EXHIBIT 4

Capacity Development Program

CAPACITY DEVELOPMENT PROGRAM

TECHNICAL, MANAGERIAL, AND FINANCIAL EVALUATION CRITERIA FOR: COMMUNITY PUBLIC WATER SYSTEMS

SYSTEM NAME:

Village of New Paltz

COUNTY:

Ulster

PWSID #:

5503379

COMPLETED BY:

Gene Bleu Terwilliger

DATE:

06/12/2024

Technical Capacity

A. System Infrastructure

1. Does the system have as-built plans, drawings, or maps of its facilities including source, treatment, storage, and distribution?

Yes

No

Not Applicable

If the system lacks certain plans, please specify:

2. Does the system have exact location measurements of all main valves and service shut-offs?

Yes

No

Not Applicable

3. Can the system's pumping, storage and distribution facilities meet current normal and peak demands and required distribution pressures?

Yes

No

Not Applicable

4. Does the system have a water conservation plan?

Yes

No

Not Applicable

5. Are all customers on the water system metered?

Yes

No

Not Applicable

6. Is the system equipped with "master" meters that measure the amount of water the system produces or purchases for each source of water?

Yes

No

Not Applicable

B. Source Water Evaluation

1. Does the system have a copy of its Source Water Assessment?

Yes No Not Applicable

2. Has a yield analysis been done for the system's source?

Yes No Not Applicable

3. Does the system have a description of the existing source-pumping capacity and the system's raw and finished water storage capacity?

Yes No Not Applicable

4. For groundwater systems, does your system have a wellhead protection program in place?

Yes No Not Applicable

C. Technical Knowledge

1. Has an evaluation of the water system facilities been conducted with respect to its ability to reliably meet current and proposed State and Federal drinking water regulations?

Yes No Not Applicable

If system can't meet regulations, please specify:

2. Does the system have monthly water production records or treatment records that show daily and monthly water production for each source used by the system?

Yes No Not Applicable

3. Has an evaluation been conducted to document the condition and remaining service life of existing facilities?

Yes No Not Applicable

4. Has the system been cited within the past two years for failing to sample and report test results?

Yes No Not Applicable

5. Has the system been cited within the past two years for operating deficiencies as a result of a sanitary survey or other inspection conducted by the DOH?

Yes No Not Applicable

6. If you answered "Yes" to Questions 4 or 5, has corrective action been taken to correct all deficiencies?

Yes No Not Applicable

D. Certified Operators

1. Does the water system have a certified water operator(s) and designated an operator in responsible charge?

Yes No

2. If the water system does not have a state-certified water treatment operator, or lacks the necessary number of operators to safely and reliably operate the system, does the system have a plan to acquire the services of a (additional) state-certified operator?

Yes No Not Applicable

Managerial Capacity

A. Staffing and Organization

1. What type of training/continuing education did system personnel attend within the last two years (please specify)?

Courses to maintain CEU credits approved by DOH

2. Who is responsible for policy and operational decisions for the water system (*name and title*)?

Gene Bleu Terwilliger, Superintendent; Charles Bradford, Chief Water Operator

3. Who is responsible for ensuring compliance with state regulatory requirements (*name and title*)?

Charles Bradford, Chief Water Operator

4. Who is responsible for approving expenditures (*name and title*)?

Tim Rogers, Mayor

5. *For systems that contract for system operation or management:* Does the system have a valid (signed) contract that summarizes the duties and responsibilities the contractor must provide to the system?

Yes No Not Applicable

B. Ownership

1. *If the system is under temporary ownership, has a future owner been found for the water system?*

Yes No Not Applicable

If "Yes", who will the future owner be?

2. *For systems that use, but do not own, land or facilities that are essential to water system operation: Is there a valid long-term contract (i.e., lease) between the water system and the owner of the land or facilities essential to the operation of the system?*

Yes No Not Applicable

3. *For systems with a single proprietor: Does the system have a contingency plan for continuing system operation in the event the owner becomes incapable of carrying out his/her responsibilities?*

Yes No Not Applicable

C. Consolidation/Restructuring

1. Has the system examined the feasibility of:
- a) Incorporating with an existing water system in the immediate proximity?

Yes No Not Applicable

- b) Selling ownership to an existing water system?

Yes No Not Applicable

- c) Contracting for the management or operation of the system with an existing system or satellite management/operations agency?

Yes No Not Applicable

D. Emergency/Disaster Response Plans

1. Has the system developed an Emergency Response Plan?

Yes No Not Applicable

2. Does the Emergency Response Plan:

- a) Designate responsible personnel in the event of an emergency?

Yes No Not Applicable

b) Provide for emergency phone and radio capabilities?

Yes No Not Applicable

c) Describe public and health department notification procedures?

Yes No Not Applicable

3. Does the system have any emergency contract agreements under which it operates (e.g., emergency water interconnections and alternative sources)?

Yes No Not Applicable

E. Water System Policies

1. Does the system have a *written* System Operations Manual or Policy?

Yes No Not Applicable

F. Record Keeping

1. Does the system keep water utility records including: financial, regulatory, facility, operations and maintenance, data quality, Annual Water Quality Reports, and correspondence with the NYS Department of Health and/or local Health Departments (and where appropriate, the NYSPSC)?

Yes No Not Applicable

Financial Capacity

A. Budget Projection – Revenues and Expenses

1. Does the system have a water budget?

Yes No Not Applicable

2. Are the system's annual water revenues sufficient to cover the annual water expenses as well as anticipated capital improvements?

Yes No Not Applicable

3. Are the system's water rates, when combined with other revenue sources, sufficient to cover all listed expenditures for the water system?

Yes No Not Applicable

4. Does the system retain budget information for at least two years?

Yes

No

Not Applicable

B. Reserves

1. Does the system have a reserve account (or funds within a reserve account) dedicated to:

a) Financing the emergency replacement of critical facilities in the event of their failure?

Yes

No

Not Applicable

b) The maintenance of cash flow in the event of an unexpected funding shortfall?

Yes

No

Not Applicable

2. If the system has a reserve account, how does it determine the amount to put into the account?

Fixed Amount _____ Percentage of Revenues _____ Percentage of Expenses

_____ Other (please specify) _____

3. If the system has a reserve account, what type(s) of reserve account(s) does it have?

Operation and Maintenance _____ Capital Projects _____ Debt Service

_____ Other (please specify) _____

C. Capital Improvement Plan

1. How do you finance operation and maintenance costs (Check all that apply)?

Rates collected from ratepayers _____ Rental fees

_____ Other business revenue _____ Personal capital

_____ Surcharges _____ Reserve account

_____ Other (Please specify) _____

2. How did you finance your LAST major repair or improvement?

_____ Commercial bank loan Bonds

DWSRF Other State or federal loan/grant program

_____ Surcharge _____ Personal Capital

_____ Reserve Account _____ Revenue from other business

_____ Other (Please specify) _____

3. What options do you have for financing your NEXT major repair or improvement?

- | | |
|---|---|
| <input type="checkbox"/> Commercial bank loan | <input checked="" type="checkbox"/> Bonds |
| <input checked="" type="checkbox"/> DWSRF | <input checked="" type="checkbox"/> Other State or federal loan/grant program |
| <input type="checkbox"/> Surcharge | <input type="checkbox"/> Personal Capital |
| <input checked="" type="checkbox"/> Reserve Account | <input type="checkbox"/> Revenue from other business |
| <input type="checkbox"/> Other (Please specify) _____ | |

D. Water System Rates

1. Does the water system management review user fee, user charge, or rate system at least once every two years?

- Yes No Not Applicable

2. What is the frequency of billing (e.g., 12, 6, or 4 times per/year)? 4 times/year

3. Where applicable, what are the system's water rates?
\$23.00 up to 4,000 gallons with step program rate increase thereafter (see attached).

4. What are rates based on?
 Capital Improvement Plan and Annual Budget
 Annual Budget Only
 Cash on Hand
 Last year's expenses
 Not sure
 Other (Please specify _____)

5. What was the date of the last rate increase? -
January 10, 2024

END OF DOCUMENT



New Rates

VILLAGE OF NEW PALTZ BOARD OF TRUSTEES
Resolution No. 3 of 2024

Rate per Gallon (per quarter)	Village/SUNY	Town
Minimum: up to 4,000	\$ 23.00	\$ 34.50
4,001 to 50,000	\$0.005750	\$0.008625
50,001 to 100,000	\$0.006440	\$0.009660
100,001 to 200,000	\$0.007574	\$0.011361
200,001 to 400,000	\$0.008482	\$0.012726
400,001 to 750,000	\$0.009500	\$0.014251
750,001 and above	\$0.010641	\$0.015960

Water

THEREFORE BE IT FURTHER RESOLVED, That the sewer rents of the Village of New Paltz shall be set according to the following schedule and shall be implemented and effective upon the passing of this resolution.

Rate per Gallon (per quarter)	Village/SUNY	Town
Minimum: up to 4,000	\$ 22.00	\$ 33.00
4,001 to 50,000	\$0.005500	\$0.008250
50,001 to 100,000	\$0.006160	\$0.009240
100,001 to 200,000	\$0.006899	\$0.010349
200,001 to 400,000	\$0.007727	\$0.011590
400,001 to 750,000	\$0.086540	\$0.012982
750,001 and above	\$0.009693	\$0.014539

Sewer

The Resolution was thereupon adopted.

Nicole MacLean

Village Deputy Clerk

January 10, 2024

Date

EXHIBIT 5

Summary of Project Costs and Opinions of Probable Costs for Recommended Projects

2024 WIA DWSRF WATER PROJECTS COST SUMMARY (REFER TO FOLLOWING BREAKDOWNS FOR EACH PROJECT)

**VILLAGE OF NEW PALTZ
ULSTER COUNTY, NEW YORK**

		TOTAL CONSTRUCTION	TOTAL ENGINEERING & SURVEYING	TOTAL INSPECTION	TOTAL
PROJECT		Amount	Amount	Amount	Amount
1	Replacement of Pressure Reducing Valve and Vault	\$ 111,500.00	\$ 13,000.00	\$ 8,425.00	\$ 132,925.00
2	Ridge Road and Lincoln Place	\$ 468,000.00	\$ 56,000.00	\$ 33,000.00	\$ 557,000.00
3	Southside Avenue-Pencil Hill Road to Route 208	\$ 303,000.00	\$ 36,000.00	\$ 22,000.00	\$ 361,000.00
4	Wurts Avenue and Portion of Mohonk Avenue	\$ 477,375.00	\$ 57,000.00	\$ 33,000.00	\$ 567,375.00
5	Huguenot Street-Old Kingston Road Connection	\$ 944,000.00	\$ 113,000.00	\$ 66,000.00	\$ 1,123,000.00
TOTALS		\$ 2,303,875.00	\$ 275,000.00	\$ 162,425.00	\$ 2,741,300.00

VILLAGE OF NEW PALTZ WATER SYSTEM

**REPLACEMENT OF DISTRIBUTION SYSTEM PRESSURE REDUCING VALVE AND VAULT
VILLAGE OF NEW PALTZ, ULSTER COUNTY, NEW YORK
OPINION OF PROBABLE COSTS**

JUNE 2024 - PROJECT 1

Item	Description	Pay Unit	Unit Price	Est. Qty.	Est. Cost
1	Site Preparation and Maintenance	<i>lump sum</i>	\$ 5,000.00	1	\$ 5,000
2	Furnish and Install Concrete Vault and Aluminum Hatch	<i>lump sum</i>	18,000.00	1	\$ 18,000
3	Furnish and Install 8" High Flow Pressure Reducing Valve	<i>ump sum</i>	16,000.00	1	\$ 16,000
4	Furnis and Install 4" Low Flow Pressure Reducing Valve	<i>each</i>	8,000.00	1	\$ 8,000
5	Furnish and Install 8" Gate Valves	<i>each</i>	12,500.00	2	\$ 25,000
6	Furnish and Install 4" Gate Valves	<i>each</i>	8,500.00	2	\$ 17,000
7	Furnish and Install Misc. Piping and Fittings	<i>lump sum</i>	12,500.00	1	\$ 12,500
Construction Sub-Total					\$ 101,500.00
					Contingencies 10% \$ 10,000.00
					CONSTRUCTION TOTAL \$ 111,500.00
					<i>Engineering & Surveying</i> \$ 13,000.00
					<i>Construction Inspection</i> \$ 8,425.00
TOTAL PROJECT COST					\$ 132,925.00

Note:

State and Federal Prevailing Wage Schedules are factored into the Opinion of Probable Cost
Cost estimate factors in compliance with Federal, State and Local procurement standards

VILLAGE OF NEW PALTZ WATER SYSTEM

**REPLACEMENT OF WATER MAIN AND APPURTENANCES-RIDGE ROAD AND LINCOLN PLACE
VILLAGE OF NEW PALTZ, ULSTER COUNTY, NEW YORK
OPINION OF PROBABLE COSTS**

JUNE 2024 - PROJECT 2

Item	Description	Pay Unit	Unit Price	Est. Qty.	Est. Cost
1	Maintenance & Protection of Traffic	<i>lump sum</i>	\$ 19,000.00	1	\$ 19,000
2	Site Preparation and Maintenance	<i>lump sum</i>	27,000.00	1	\$ 27,000
3	Furnish and Install 8" Dia. Water Main	<i>lf</i>	175.00	1,020	\$ 178,500
4	Furnish and Install Hydrants	<i>each</i>	12,500.00	1	\$ 12,500
5	Furnish and Install 8" Gate Valves	<i>each</i>	5,000.00	3	\$ 15,000
6	Reinstate Service Connections	<i>each</i>	4,000.00	17	\$ 68,000
7	Replace Lead Service Laterals (Allowance)	<i>each</i>	2,000.00	17	\$ 34,000
8	Rock Removal (Hammering)	<i>cy</i>	250.00	100	\$ 25,000
9	Furnish and Install Select Fill Material	<i>cy</i>	50.00	250	\$ 12,500
10	Furnish and Install Specials	<i>tons</i>	7,500.00	1	\$ 7,500
11	Asphalt Overlay	<i>tons</i>	200.00	300	\$ 60,000
Construction Sub-Total					\$ 459,000.00
Contingencies (lump sum)					\$ 9,000.00
CONSTRUCTION TOTAL					\$ 468,000.00
Engineering & Surveying					\$ 56,000.00
Construction Inspection					\$ 33,000.00
TOTAL PROJECT COST					\$ 557,000.00

Note:

State and Federal Prevailing Wage Schedules are factored into the Opinion of Probable Cost
Cost estimate factors in compliance with Federal, State and Local procurement standards

VILLAGE OF NEW PALTZ WATER SYSTEM

**REPLACEMENT OF WATER MAIN AND APPURTENANCES-SOUTHSIDE AVENUE
(FROM PENCIL HILL ROAD TO ROUTE 208)
VILLAGE OF NEW PALTZ, ULSTER COUNTY, NEW YORK
OPINION OF PROBABLE COSTS**

JUNE 2024 - PROJECT 3

Item	Description	Pay Unit	Unit Price	Est. Qty.	Est. Cost
1	Maintenance & Protection of Traffic	<i>lump sum</i>	\$ 14,000.00	1	\$ 14,000
2	Site Preparation and Maintenance	<i>lump sum</i>	16,500.00	1	\$ 16,500
3	Furnish and Install 8" Dia. Water Main	<i>lf</i>	175.00	600	\$ 105,000
4	Furnish and Install Hydrants	<i>each</i>	12,500.00	2	\$ 25,000
5	Furnish and Install 8" Gate Valves	<i>each</i>	5,000.00	3	\$ 15,000
6	Furnish and Install 1" Dia. Service Connections	<i>each</i>	4,000.00	1	\$ 4,000
7	Furnish and Install 4" Dia. Service Connections	<i>each</i>	5,500.00	1	\$ 5,500
8	Furnish and Install 6" Dia. Service Connections	<i>each</i>	7,500.00	1	\$ 7,500
9	Replace Lead Service Laterals (Allowance)	<i>each</i>	2,000.00	3	\$ 6,000
10	Rock Removal (Hammering)	<i>cy</i>	250.00	140	\$ 35,000
11	Furnish and Install Select Fill Material	<i>cy</i>	50.00	300	\$ 15,000
12	Furnish and Install Specials	<i>tons</i>	7,500.00	1	\$ 7,500
13	Asphalt Overlay	<i>tons</i>	200.00	125	\$ 25,000
Construction Sub-Total					\$ 281,000.00
			Contingencies (lump sum)	\$	22,000.00
			CONSTRUCTION TOTAL	\$	303,000.00
			Engineering & Surveying	\$	36,000.00
			Construction Inspection	\$	22,000.00
			TOTAL PROJECT COST	\$	361,000.00

Note:

State and Federal Prevailing Wage Schedules are factored into the Opinion of Probable Cost
Cost estimate factors in compliance with Federal, State and Local procurement standards

VILLAGE OF NEW PALTZ WATER SYSTEM

**REPLACEMENT OF WATER MAIN AND APPURTENANCES - WURTS AVENUE AND PORTION OF MOHONK AVENUE
VILLAGE OF NEW PALTZ, ULSTER COUNTY, NEW YORK
OPINION OF PROBABLE COSTS**

JUNE 2024 - PROJECT 4

Item	Description	Pay Unit	Unit Price	Est. Qty.	Est. Cost
1	Maintenance & Protection of Traffic	<i>lump sum</i>	\$ 22,000.00	1	\$ 22,000
2	Site Preparation and Maintenance	<i>lump sum</i>	27,000.00	1	\$ 27,000
3	Furnish and Install 8" Dia. Water Main	<i>lf</i>	175.00	925	\$ 161,875
4	Furnish and Install Hydrants	<i>each</i>	12,500.00	4	\$ 50,000
5	Furnish and Install 8" Gate Valves	<i>each</i>	5,000.00	2	\$ 10,000
6	Furnish and Install Service Connections	<i>each</i>	4,000.00	16	\$ 64,000
7	Furnish and Install 6" Service Connections	<i>each</i>	7,500.00	1	\$ 7,500
8	Replace Lead Service Laterals (Allowance)	<i>each</i>	2,000.00	16	\$ 32,000
8	Rock Removal (Hammering)	<i>cy</i>	250.00	140	\$ 35,000
9	Furnish and Install Select Fill Material	<i>cy</i>	50.00	250	\$ 12,500
9	Furnish and Install Specials	<i>tons</i>	7,500.00	1	\$ 7,500
10	Asphalt Overlay	<i>tons</i>	200.00	185	\$ 37,000
Construction Sub-Total					\$ 466,375.00
			Contingencies (lump sum)	\$	11,000.00
			CONSTRUCTION TOTAL	\$	477,375.00
			Engineering & Surveying	\$	57,000.00
			Construction Inspection	\$	33,000.00
			TOTAL PROJECT COST	\$	567,375.00

Note:

State and Federal Prevailing Wage Schedules are factored into the Opinion of Probable Cost

Cost estimate factors in compliance with Federal, State and Local procurement standards

VILLAGE OF NEW PALTZ WATER SYSTEM

**INSTALLATION OF WATER MAIN AND APPURTENANCES - HUGUENOT STREET/OLD KINGSTON ROAD INTER-CONNECTION
VILLAGE OF NEW PALTZ, ULSTER COUNTY, NEW YORK
OPINION OF PROBABLE COSTS**

JUNE 2024 - PROJECT 5

Item	Description	Pay Unit	Unit Price	Est. Qty.	Est. Cost
1	Maintenance & Protection of Traffic	<i>lump sum</i>	\$ 38,000.00	1	\$ 38,000
2	Site Preparation and Maintenance	<i>lump sum</i>	55,000.00	1	\$ 55,000
3	Furnish and Install 8" Dia. Water Main	<i>lf</i>	175.00	2,970	\$ 519,750
4	Furnish and Install Hydrants	<i>each</i>	12,500.00	3	\$ 37,500
5	Furnish and Install 8" Gate Valves	<i>each</i>	5,000.00	3	\$ 15,000
6	Furnish and Install Stream Crossing	<i>lump sum</i>	35,000.00	1	\$ 35,000
7	Furnish and Install Service Connections	<i>each</i>	4,000.00	3	\$ 12,000
8	Rock Removal (Hammering)	<i>cy</i>	250.00	150	\$ 37,500
9	Furnish and Install Select Fill Material	<i>cy</i>	50.00	300	\$ 15,000
10	Furnish and Install Specials	<i>tons</i>	7,500.00	2	\$ 11,250
11	Asphalt Overlay	<i>tons</i>	200.00	410	\$ 82,000
Construction Sub-Total					\$ 858,000.00
Contingencies 10%					\$ 86,000.00
CONSTRUCTION TOTAL					\$ 944,000.00
Engineering & Surveying					\$ 113,000.00
Construction Inspection					\$ 66,000.00
TOTAL PROJECT COST					\$ 1,123,000.00

Note:

State and Federal Prevailing Wage Schedules are factored into the Opinion of Probable Cost
Cost estimate factors in compliance with Federal, State and Local procurement standards

VILLAGE OF NEW PALTZ WATER SYSTEM

**REPLACEMENT OF DISTRIBUTION SYSTEM PRESSURE REDUCING VALVE AND VAULT
VILLAGE OF NEW PALTZ, ULSTER COUNTY, NEW YORK
OPINION OF PROBABLE COSTS**

JUNE 2024 - PROJECT 1

Item	Description	Pay Unit	Unit Price	Est. Qty.	Est. Cost
1	Site Preparation and Maintenance	<i>lump sum</i>	\$ 5,000.00	1	\$ 5,000
2	Furnish and Install Concrete Vault and Aluminum Hatch	<i>lump sum</i>	18,000.00	1	\$ 18,000
3	Furnish and Install 8" High Flow Pressure Reducing Valve	<i>ump sum</i>	16,000.00	1	\$ 16,000
4	Furnis and Install 4" Low Flow Pressure Reducing Valve	<i>each</i>	8,000.00	1	\$ 8,000
5	Furnish and Install 8" Gate Valves	<i>each</i>	12,500.00	2	\$ 25,000
6	Furnish and Install 4" Gate Valves	<i>each</i>	8,500.00	2	\$ 17,000
7	Furnish and Install Misc. Piping and Fittings	<i>lump sum</i>	12,500.00	1	\$ 12,500
Construction Sub-Total					\$ 101,500.00
					Contingencies 10% \$ 10,000.00
					CONSTRUCTION TOTAL \$ 111,500.00
					Engineering & Surveying \$ 13,000.00
					Construction Inspection \$ 8,425.00
TOTAL PROJECT COST					\$ 132,925.00

Note:

State and Federal Prevailing Wage Schedules are factored into the Opinion of Probable Cost
Cost estimate factors in compliance with Federal, State and Local procurement standards

EXHIBIT 6

2024 Adopted Village of New Paltz Budget

VILLAGE BUDGET

FOR 2024/2025

VILLAGE OF NEW PALTZ

IN

COUNTY OF ULSTER

CERTIFICATION OF TREASURER

I certify that this is a true copy of the budget of the Village of New Paltz for the fiscal year ending May 31, 2025 as it was adopted by the Village on April 24, 2024.

I also certify that the date of the most recent assessment roll is 07/01/2023 and the taxable assessed valuation on which taxes are levied for the fiscal year ending May 31, 2025 is .

Signed: 

Title: Treasurer

Date: April 25, 2024

VILLAGE BUDGET

FOR 2024-2025

ANNUAL BUDGET

Adopted

April 24, 2024

OF THE VILLAGE OF NEW PALTZ
IN THE COUNTY OF ULSTER

FOR THE FISCAL YEAR

BEGINNING ON JUNE 1, 2024

AND ENDING ON MAY 31, 2025

VILLAGE OF NEW PALTZ

YEAR ENDING MAY 31, 2025

SUMMARY OF BUDGET - BY FUNDS

CODE	FUND	APPROPRIATIONS	LESS ESTIMATED REVENUES	LESS UNEXPENDED BALANCE	LESS APPROPRIATED RESERVE	AMOUNT TO BE RAISED BY TAX
A	GENERAL	\$ 4,348,594.00	\$ 2,618,361.00	\$ 164,000.00	\$ -	\$ 1,566,233.00
F	WATER	\$ 2,133,277.00	\$ 1,990,777.00	\$ 142,500.00	\$ -	
G	SEWER	\$ 1,656,486.00	\$ 1,656,486.00	\$ -	\$ -	
H	CAPITAL	\$ 6,055,000.00	\$ 6,055,000.00	\$ -		
TOTAL (ALL)		\$ 14,193,357.00	\$ 12,320,624.00	\$ 306,500.00	\$ -	\$ 1,566,233.00

Total
Assessment: \$ 318,829,598.00

\$4.912

SCHEDULE 1 - A

APPROPRIATIONS - GENERAL FUND

GENERAL GOVERNMENT SUPPORT

	EXPENDED PREVIOUS YEAR	CURRENT BUDGET AS MODIFIED	TENTATIVE BUDGET	BUDGET OFFICER REC	FINAL BUDGET ADOPTED
LEGISLATIVE					
BOARD OF TRUSTEES					
A1010.100 Personnel Services	\$ 30,999.96	\$ 33,000.00	\$ 33,000.00	\$ 33,000.00	\$ 33,000.00
A1010.200 Equipment		\$ -	\$ -	\$ -	\$ -
A1010.400 Contractual Expenses	6,046.51	\$ 7,200.00	\$ 7,200.00	\$ 7,200.00	\$ 7,200.00
TOTAL	\$ 37,046.47	\$ 40,200.00	\$ 40,200.00	\$ 40,200.00	\$ 40,200.00
TOTAL LEGISLATIVE	\$ 37,046.47	\$ 40,200.00	\$ 40,200.00	\$ 40,200.00	\$ 40,200.00
JUDICIAL					
PARKING VIOLATIONS					
A1130.100 Personnel Services	\$ 60,230.96	\$ 52,468.00	\$ 55,944.00	\$ 55,944.00	\$ 55,944.00
A1130.200 Equipment	\$ -	\$ -	\$ -	\$ -	\$ -
A1130.400 Contractual Expenses	\$ 30,917.65	\$ 9,200.00	\$ 9,300.00	\$ 9,300.00	\$ 9,300.00
TOTAL	\$ 91,148.61	\$ 61,668.00	\$ 65,244.00	\$ 65,244.00	\$ 65,244.00
TOTAL JUDICIAL	\$ 91,148.61	\$ 61,668.00	\$ 65,244.00	\$ 65,244.00	\$ 65,244.00
EXECUTIVE					
MAYOR					
A1210.100 Personnel Services	\$ 57,333.61	\$ 60,255.00	\$ 62,665.00	\$ 62,665.00	\$ 62,665.00
A1210.200 Equipment	\$ -	\$ -	\$ -	\$ -	\$ -
A1210.400 Contractual Expenses	\$ 3,011.26	\$ 2,800.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00
A1210.401 Tenant/Landlord		\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00
TOTAL	\$ 60,344.87	\$ 64,055.00	\$ 66,665.00	\$ 66,665.00	\$ 66,665.00
TOTAL EXECUTIVE	\$ 60,344.87	\$ 64,055.00	\$ 66,665.00	\$ 66,665.00	\$ 66,665.00
FINANCES					
ACCOUNTING					
A1320.100 Personnel Services	\$ -	\$ -	\$ -	\$ -	\$ -
A1320.200 Equipment	\$ -	\$ -	\$ -	\$ -	\$ -
A1320.400 Contractual Expenses	\$ 39,955.47	\$ 50,500.00	\$ 52,500.00	\$ 52,500.00	\$ 52,500.00
TOTAL	\$ 39,955.47	\$ 50,500.00	\$ 52,500.00	\$ 52,500.00	\$ 52,500.00
TREASURER					
A1325.100 Personnel Services	\$ 195,064.93	\$ 169,802.00	\$ 180,125.00	\$ 180,125.00	\$ 180,125.00
A1325.200 Equipment	\$ -	\$ -	\$ -	\$ -	\$ -
A1325.400 Contractual Expenses	\$ 2,441.33	\$ 1,498.00	\$ 1,598.00	\$ 1,598.00	\$ 1,598.00
TOTAL	\$ 197,506.26	\$ 171,300.00	\$ 181,723.00	\$ 181,723.00	\$ 181,723.00
BUDGET					
A1340.100 Personnel Services	\$ -	\$ -	\$ -	\$ -	\$ -
A1340.200 Equipment	\$ -	\$ -	\$ -	\$ -	\$ -
A1340.400 Contractual Expenses	\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -

FINANCES (Cont'd)

ASSESSMENT

A1355.400	Contractual Expenses	\$ -	\$ -	\$ -	\$ -	\$ -
	TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -
A1362.400	Tax Advertising/Expense	\$ 1,205.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00
	TOTAL	\$ 1,205.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00

TOTAL FINANCES		\$ 238,666.73	\$ 223,300.00	\$ 235,723.00	\$ 235,723.00	\$ 235,723.00
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STAFF

CLERK

A1410.100	Personal Services	\$ 56,809.38	\$ 67,883.00	\$ 72,623.00	\$ 72,623.00	\$ 72,623.00
A1410.200	Equipment	\$ -	\$ -	\$ -	\$ -	\$ -
A1410.400	Contractual	\$ 4,221.66	\$ 4,300.00	\$ 4,600.00	\$ 4,600.00	\$ 4,600.00
	TOTAL	\$ 61,031.04	\$ 72,183.00	\$ 77,223.00	\$ 77,223.00	\$ 77,223.00

LAW

A1420.400	Contractual Expenses	\$ 55,065.44	\$ 67,400.00	\$ 67,400.00	\$ 67,400.00	\$ 67,400.00
	TOTAL	\$ 55,065.44	\$ 67,400.00	\$ 67,400.00	\$ 67,400.00	\$ 67,400.00

ENGINEER

A1440.400	Contractual Expenses	\$ 54,013.95	\$ 6,000.00	\$ 8,000.00	\$ 8,000.00	\$ 8,000.00
	TOTAL	\$ 54,013.95	\$ 6,000.00	\$ 8,000.00	\$ 8,000.00	\$ 8,000.00

ELECTION

A1450.400	Contractual Expenses	\$ -	\$ -	\$ -	\$ -	\$ -
	TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -

RECORDS MANAGEMENT

A1460.100	Personnel Services	\$ 7,093.76	\$ 10,000.00	\$ 12,000.00	\$ 12,000.00	\$ 12,000.00
A1460.400	Contractual Expenses	\$ -	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00
A1460.469	Other Oper & Maint Exp	\$ 1,444.76	\$ -	\$ -	\$ -	\$ -
	TOTAL	\$ 8,538.52	\$ 12,000.00	\$ 14,000.00	\$ 14,000.00	\$ 14,000.00

TOTAL STAFF		\$ 178,648.95	\$ 157,583.00	\$ 166,623.00	\$ 166,623.00	\$ 166,623.00
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SHARED SERVICES

BUILDINGS

A1620.100	Personnel Services	\$ 23,476.48	\$ 28,375.00	\$ 29,823.00	\$ 29,823.00	\$ 29,823.00
A1620.200	Equipment	\$ -	\$ -	\$ -	\$ -	\$ -
A1620.400	Contractual Expenses	\$ 78,654.54	\$ 58,850.00	\$ 59,350.00	\$ 59,350.00	\$ 59,350.00
	TOTAL	\$ 102,131.02	\$ 87,225.00	\$ 89,173.00	\$ 89,173.00	\$ 89,173.00

CENTRAL GARAGE

A1640.100	Personnel Services	\$ 33,217.50	\$ 38,014.00	\$ 40,913.00	\$ 40,913.00	\$ 40,913.00
A1640.200	Equipment	\$ -	\$ -	\$ -	\$ -	\$ -
A1640.400	Contractual Expenses	\$ 72,005.39	\$ 76,450.00	\$ 77,000.00	\$ 77,000.00	\$ 77,000.00
	TOTAL	\$ 105,222.89	\$ 114,464.00	\$ 117,913.00	\$ 117,913.00	\$ 117,913.00

Schedule 1 - A

Appropriations - General Fund

General Government Support, continued

	EXPENDED PREVIOUS YEAR	CURRENT BUDGET AS MODIFIED	TENTATIVE BUDGET	BUDGET OFFICER REC	FINAL BUDGET ADOPTED
CENTRAL PRINTING AND MAILING					
A1670.100 Personnel Services	\$ -	\$ -	\$ -	\$ -	\$ -
A1670.200 Equipment	-	-	-	-	-
A1670.400 Contractual Expenses	7,166.66	\$ 8,605.00	\$ 8,605.00	\$ 8,605.00	\$ 8,605.00
TOTAL	\$ 7,166.66	\$ 8,605.00	\$ 8,605.00	\$ 8,605.00	\$ 8,605.00
CENTRAL DATA PROCESSING					
A1680.100 Personnel Services	\$ -	\$ 2,500.00	\$ 6,250.00	\$ 6,250.00	\$ 6,250.00
A1680.200 Equipment	-	-	-	-	-
A1680.400 Contractual Expenses	57,463.01	\$ 37,560.00	\$ 38,760.00	\$ 38,760.00	\$ 38,760.00
TOTAL	\$ 57,463.01	\$ 40,060.00	\$ 45,010.00	\$ 45,010.00	\$ 45,010.00
TOTAL SHARED SERVICES	\$ 271,983.58	\$ 250,354.00	\$ 260,701.00	\$ 260,701.00	\$ 260,701.00
SPECIAL ITEMS					
A1910.400 Unallocated Insurance	\$ 27,228.10	\$ 37,000.00	\$ 39,000.00	\$ 39,000.00	\$ 39,000.00
A1920.400 Municipal Assoc. Dues	3,277.00	\$ 3,471.00	\$ 3,461.00	\$ 3,461.00	\$ 3,461.00
A1930.400 Judgments & Claims	-	-	-	-	-
A1940.400 Purchase - Land	-	-	-	-	-
A1950.400 Taxes & Assessments on Village Property	-	-	-	-	-
A1964.400 Contr. Exp. Dept. - Refund of Prior Yr	-	-	-	-	-
A1989.400 Other Gov't -Public Acce:	-	\$ 3,000.00	-	-	-
A1990.400 Contingent Account	-	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL SPECIAL ITEMS	\$ 30,505.10	\$ 63,471.00	\$ 62,461.00	\$ 62,461.00	\$ 62,461.00
TOTAL GENERAL GOVERNMENT SUPPORT	\$ 908,344.31	\$ 860,631.00	\$ 897,617.00	\$ 897,617.00	\$ 897,617.00

Schedule 1 - A Fund	Appropriations - General General Government Support	EXPENDED PREVIOUS YEAR	CURRENT BUDGET AS MODIFIED	TENTATIVE BUDGET	BUDGET OFFICER REC	FINAL BUDGET ADOPTED
PUBLIC SAFETY						
POLICE						
A3120.100	Personnel Services	\$ -	\$ -	\$ -	\$ -	\$ -
	TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -
TRAFFIC CONTROL						
A3310.100	Personnel Services	\$ 7,431.57	\$ 9,214.00	\$ 9,984.00	\$ 9,984.00	\$ 9,984.00
A3310.200	Equipment	-	-	16,501.00	16,501.00	16,501.00
A3310.400	Contractual Exp.	6,066.05	9,500.00	10,300.00	10,300.00	10,300.00
	TOTAL	\$ 13,497.62	\$ 18,714.00	\$ 36,785.00	\$ 36,785.00	\$ 36,785.00
ON STREET PARKING						
A3320.100	Personnel Services	\$ 31,299.95	\$ 51,556.00	\$ 70,974.00	\$ 70,974.00	\$ 70,974.00
A3320.200	Equipment	-	-	-	-	-
A3320.400	Contractual Exp.	459.25	8,400.00	9,500.00	9,500.00	9,500.00
	TOTAL	\$ 31,759.20	\$ 59,956.00	\$ 80,474.00	\$ 80,474.00	\$ 80,474.00
FIRE DEPARTMENT						
A3410.100	Personnel Services	\$ 5,455.40	\$ 8,991.00	\$ 9,350.00	\$ 9,350.00	\$ 9,350.00
A3410.200	Equipment	\$ 44,314.00	\$ -	\$ 20,063.00	\$ 20,063.00	\$ 20,063.00
A3410.400	Contractual Expenses	287,236.03	405,920.00	409,690.00	409,690.00	409,690.00
	TOTAL	\$ 337,005.43	\$ 414,911.00	\$ 439,103.00	\$ 439,103.00	\$ 439,103.00
SAFETY INSPECTION						
A3620.100	Personnel Services	\$ 151,949.95	\$ 159,145.00	\$ 104,335.00	\$ 104,335.00	\$ 104,335.00
A3620.200	Equipment	-	-	-	-	-
A3620.400	Contractual Exp.	12,011.33	8,800.00	8,500.00	8,500.00	8,500.00
	TOTAL	\$ 163,961.28	\$ 167,945.00	\$ 112,835.00	\$ 112,835.00	\$ 112,835.00
SAFETY & HEALTH						
A3989.100	Personnel Services	\$ -	\$ -	\$ -	\$ -	\$ -
A3989.200	Equipment	\$ -	\$ -	\$ -	\$ -	\$ -
A3989.400	Contractual Exp.	61,092.84	33,676.00	36,051.00	36,051.00	36,051.00
	TOTAL	\$ 61,092.84	\$ 33,676.00	\$ 36,051.00	\$ 36,051.00	\$ 36,051.00
TOTAL PUBLIC SAFETY		\$ 607,316.37	\$ 695,202.00	\$ 705,248.00	\$ 705,248.00	\$ 705,248.00
HEALTH						
REGISTRAR OF VITAL STATISTICS						
A4020.400	Contractual Expenses	\$ -	\$ 120.00	\$ 120.00	\$ 120.00	\$ 120.00
	TOTAL	\$ -	\$ 120.00	\$ 120.00	\$ 120.00	\$ 120.00
TOTAL HEALTH		\$ -	\$ 120.00	\$ 120.00	\$ 120.00	\$ 120.00
TRANSPORTATION						
STREET ADMINISTRATION						
A5010.100	Personnel Services	\$ 42,494.45	\$ 42,533.00	\$ 44,482.00	\$ 44,482.00	\$ 44,482.00
A5010.200	Equipment	-	-	-	-	-
A5010.400	Contractual Exp.	1,073.96	1,015.00	1,015.00	1,015.00	1,015.00
	TOTAL	\$ 43,568.41	\$ 43,548.00	\$ 45,497.00	\$ 45,497.00	\$ 45,497.00

TRANSPORTATION (Cont'd)

STREET MAINTENANCE

A5110.100 Personnel Services	\$ 49,798.44	\$ 51,559.00	\$ 54,868.00	\$ 54,868.00	\$ 54,868.00
A5110.200 Equipment	-	-	-	-	-
A5110.400 Contractual Exp.	19,372.31	29,250.00	29,250.00	29,250.00	29,250.00
TOTAL	\$ 69,170.75	\$ 80,809.00	\$ 84,118.00	\$ 84,118.00	\$ 84,118.00

SNOW REMOVAL

A5142.100 Personnel Services	\$ 56,616.01	\$ 63,402.00	\$ 67,895.00	\$ 67,895.00	\$ 67,895.00
A5142.200 Equipment	59,264.54	-	-	-	-
A5142.400 Contractual Exp.	18,502.32	36,800.00	37,200.00	37,200.00	37,200.00
TOTAL	\$ 134,382.87	\$ 100,202.00	\$ 105,095.00	\$ 105,095.00	\$ 105,095.00

STREET LIGHTING

A5182.200 Equipment	\$ -	\$ -	\$ -	\$ -	\$ -
A5182.400 Contractual Exp.	\$ 44,038.61	\$ 75,611.00	\$ 75,500.00	\$ 75,500.00	\$ 75,500.00
TOTAL	\$ 44,038.61	\$ 75,611.00	\$ 75,500.00	\$ 75,500.00	\$ 75,500.00

SIDEWALKS

A5410.100 Personnel Services	\$ 3,318.02	\$ 3,715.00	\$ 3,994.00	\$ 3,994.00	\$ 3,994.00
A5410.200 Equipment	-	-	-	-	-
A5410.400 Contractual Exp.	-	1,200.00	1,200.00	1,200.00	1,200.00
A5410.410 Sidewalk Project	-	-	-	-	-
TOTAL	\$ 3,318.02	\$ 4,915.00	\$ 5,194.00	\$ 5,194.00	\$ 5,194.00

BUS OPERATIONS (Park/Ride, shelters)

A5630.400 Contractual Exp.	\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -

OFF STREET PARKING

A5650.100 Personnel Services	\$ 1,606.18	\$ 1,776.00	\$ 1,944.00	\$ 1,944.00	\$ 1,944.00
A5650.200 Equipment	-	-	-	-	-
A5650.400 Contractual Exp.	-	3,000.00	3,000.00	3,000.00	3,000.00
TOTAL	\$ 1,606.18	\$ 4,776.00	\$ 4,944.00	\$ 4,944.00	\$ 4,944.00

41 MAIN STREET LEASE- PARKING LOT

A5680.400 Contractual	\$ 4,740.00	\$ 4,936.00	\$ 4,936.00	\$ 4,936.00	\$ 4,936.00
TOTAL	\$ 4,740.00	\$ 4,936.00	\$ 4,936.00	\$ 4,936.00	\$ 4,936.00

**OTHER TRANSPORTATION
(CHIPS)**

A5989.100 Personnel Services	-	-	-	-	-
A5989.200 Equipment	-	-	\$ 45,938.00	\$ 45,938.00	\$ 45,938.00
A5989.400 Contractual Exp.	\$ 19,186.03	\$ 212,873.00	\$ 287,515.00	\$ 287,515.00	\$ 287,515.00
TOTAL	\$ 19,186.03	\$ 212,873.00	\$ 333,453.00	\$ 333,453.00	\$ 333,453.00

TOTAL TRANSPORTATION

\$ 320,010.87	\$ 527,670.00	\$ 658,737.00	\$ 658,737.00	\$ 658,737.00
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ECONOMIC OPPORTUNITY & DEVELOPMENT

VETERANS SERVICES

A6510.400 Contractual Exp.	\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -

COMMUNITY DEVELOPMENT

A6989.100 Personnel Services	\$ -	\$ -	\$ -	\$ -	\$ -
A6989.200 Equipment	-	-	-	-	-
A6989.400 Contractual Exp.	-	-	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00
A6989.450 Grant Writer	\$ 3,993.75	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00
TOTAL	\$ 3,993.75	\$ 5,000.00	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00

**TOTAL ECONOMIC OPPORTUNITY AND
DEVELOPMENT**

\$ 3,993.75	\$ 5,000.00	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00
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CULTURE AND RECREATION

PARKS

A7110.100	Personnel Services	\$ 13,159.85	\$ 14,827.00	\$ 16,220.00	\$ 16,220.00	\$ 16,220.00
A7110.200	Equipment	-	-	-	-	-
A7110.400	Contractual Exp.	\$ 33,287.08	\$ 6,640.00	\$ 10,080.00	\$ 10,080.00	\$ 10,080.00
	TOTAL	\$ 46,446.93	\$ 21,467.00	\$ 26,300.00	\$ 26,300.00	\$ 26,300.00

Rail Trail

A7111.100	Personnel Services	9,405.13	10,663.00	11,785.00	11,785.00	11,785.00
A7111.400	Contractual Exp.	\$ -	\$ 500.00	\$ 500.00	\$ 500.00	\$ 500.00
A7111.401	Rail Trail Bridge	-	-	-	-	-
	TOTAL	\$ 9,405.13	\$ 11,163.00	\$ 12,285.00	\$ 12,285.00	\$ 12,285.00

HISTORIAN

A7510.400	Contractual Exp.	\$ -	\$ -	\$ -	\$ -	\$ -
	TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -

HISTORICAL PROPERTY

A7520.100	Personnel Services	\$ 7,926.35	\$ 7,291.00	\$ 7,583.00	\$ 7,583.00	\$ 7,583.00
A7520.400	Contractual Exp.	800.16	2,850.00	2,900.00	2,900.00	2,900.00
	TOTAL	\$ 8,726.51	\$ 10,141.00	\$ 10,483.00	\$ 10,483.00	\$ 10,483.00

CELEBRATIONS

A7550.100	Personnel Services	\$ 7,447.05	\$ 8,362.00	\$ 9,088.00	\$ 9,088.00	\$ 9,088.00
A7550.200	Equipment	-	-	-	-	-
A7550.400	Contractual Exp.	891.63	520.00	900.00	900.00	900.00
	TOTAL	\$ 8,338.68	\$ 8,882.00	\$ 9,988.00	\$ 9,988.00	\$ 9,988.00

TOTAL CULTURE & RECREATION¹

		\$ 72,917.25	\$ 51,653.00	\$ 59,056.00	\$ 59,056.00	\$ 59,056.00
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HOME AND COMMUNITY SERVICES

ZONING

A8010.100	Personnel Services	\$ 21,741.79	\$ 39,442.00	\$ 41,009.00	\$ 41,009.00	\$ 41,009.00
A8010.200	Equipment	\$ -	\$ -	\$ -	\$ -	\$ -
A8010.400	Contractual Exp.	4,979.56	9,800.00	9,800.00	9,800.00	9,800.00
	TOTAL	\$ 26,721.35	\$ 49,242.00	\$ 50,809.00	\$ 50,809.00	\$ 50,809.00

PLANNING

A8020.100	Personnel Services	\$ 21,741.71	\$ 39,442.00	\$ 41,009.00	\$ 41,009.00	\$ 41,009.00
A8020.200	Equipment	-	-	-	-	-
A8020.400	Contractual Exp.	30,285.14	15,550.00	15,500.00	15,500.00	15,500.00
	TOTAL	\$ 52,026.85	\$ 54,992.00	\$ 56,509.00	\$ 56,509.00	\$ 56,509.00

STATE GRANT EXPENSES

A8021.100	Personnel Services	\$ -	\$ -	\$ -	\$ -	\$ -
A8021.400	Contractual Exp. HPC	-	-	-	-	-
	TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -

ENVIRONMENTAL RESEARCH

A8030.400	Contractual Exp.	\$ -	\$ -	\$ -	\$ -	\$ -
	TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -

ENVIRONMENTAL CONTROL

A8090.400	Contractual Exp.	\$ -	\$ -	\$ -	\$ -	\$ -
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PLANNER

A8097.100	Personnel Services	\$ -	\$ -	\$ -	\$ -	\$ -
A8097.400	Contractual Exp.	\$ -	\$ -	\$ -	\$ -	\$ -
	TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -

STORM SEWERS

A8140.100	Personnel Services	\$ 20,144.07	\$ 24,273.00	\$ 25,715.00	\$ 25,715.00	\$ 25,715.00
A8140.200	Equipment	72,111.00	-	-	-	-
A8140.400	Contractual Exp.	6,385.00	9,800.00	10,850.00	10,850.00	10,850.00
	TOTAL	\$ 98,640.07	\$ 34,073.00	\$ 36,565.00	\$ 36,565.00	\$ 36,565.00

REFUSE COLLECTIONS AND DISPOSAL

A8160.100	Personnel Services	\$ 48,320.92	\$ 56,604.00	\$ 61,157.00	\$ 61,157.00	\$ 61,157.00
A8160.200	Equipment	\$ -	\$ -	\$ -	\$ -	\$ -
A8160.400	Contractual Exp.	18,092.58	24,500.00	25,000.00	25,000.00	25,000.00
	TOTAL	\$ 66,413.50	\$ 81,104.00	\$ 86,157.00	\$ 86,157.00	\$ 86,157.00

STREET CLEANING

A8170.100	Personnel Services	\$ 6,366.59	\$ 7,496.00	\$ 7,669.00	\$ 7,669.00	\$ 7,669.00
A8170.200	Equipment	-	-	-	-	-
A8170.400	Contractual Exp.	14,056.38	3,000.00	3,000.00	3,000.00	3,000.00
	TOTAL	\$ 20,422.97	\$ 10,496.00	\$ 10,669.00	\$ 10,669.00	\$ 10,669.00

COMMUNITY BEAUTIFICATION

A8510.100	Personnel Services	\$ 4,315.28	\$ 9,400.00	\$ 9,752.00	\$ 9,752.00	\$ 9,752.00
A8510.200	Equipment	-	-	-	-	-
A8510.400	Contractual Exp.	2,575.75	4,700.00	4,700.00	4,700.00	4,700.00
	TOTAL	\$ 6,891.03	\$ 14,100.00	\$ 14,452.00	\$ 14,452.00	\$ 14,452.00

SHADE TREES

A8560.100	Personnel Services	\$ 5,323.77	\$ 5,600.00	\$ 5,920.00	\$ 5,920.00	\$ 5,920.00
A8560.200	Equipment	-	-	-	-	-
A8560.400	Contractual Exp.	320.32	11,600.00	11,600.00	11,600.00	11,600.00
A8560.401	COMMISSION	1,650.84	1,850.00	1,850.00	1,850.00	1,850.00
	TOTAL	\$ 7,294.93	\$ 19,050.00	\$ 19,370.00	\$ 19,370.00	\$ 19,370.00

CONSERVATION (EPB)

A8710.100	Personnel Services	\$ 109.30	\$ 500.00	\$ 500.00	\$ 500.00	\$ 500.00
A8710.200	Equipment	-	-	-	-	-
A8710.400	Contractual Exp.	-	500.00	500.00	500.00	500.00
	TOTAL	\$ 109.30	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00

FLOOD AND EROSION CONTROL

A8745.100	Personnel Services	\$ -	\$ -	\$ -	\$ -	\$ -
A8745.200	Equipment	-	-	-	-	-
A8745.200	Contractual Exp.	-	-	-	-	-
	TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -

OTHER HOME AND COMMUNITY
 SERVICES HOUSING BOARD

A8989.100	Personnel Services	\$ 388.16	\$ 500.00	\$ 500.00	\$ 500.00	\$ 500.00
A8989.400	Contractual	144.67	500.00	500.00	500.00	500.00
	TOTAL	\$ 532.83	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00

TOTAL HOME AND COMMUNITY SERVICES		\$ 279,052.83	\$ 265,057.00	\$ 276,531.00	\$ 276,531.00	\$ 276,531.00
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Schedule 1 - A
 Appropriations - General Fund, continued

	EXPENDED PREVIOUS YEAR	CURRENT BUDGET AS MODIFIED	TENTATIVE BUDGET	BUDGET OFFICER REC	FINAL ADOPTED BUDGET
EMPLOYEE BENEFITS					
A9010.800 State Retirement	\$ 80,592.46	\$ 116,960.00	\$ 109,788.00	\$ 109,788.00	\$ 109,788.00
A9015.800 Fire and Police Retirement	\$ -	\$ -	\$ -	\$ -	\$ -
A9025.800 Local Pension Fund Fire	\$ 2,699.60	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00
A9030.800 Social Security	\$ 64,551.05	\$ 89,380.00	\$ 89,521.00	\$ 89,521.00	\$ 89,521.00
A9040.800 Workers Compensation	\$ 16,637.37	\$ 28,420.00	\$ 24,500.00	\$ 24,500.00	\$ 24,500.00
A9045.800 Life Insurance	\$ -	\$ -	\$ -	\$ -	\$ -
A9050.800 Unemployment Insurance	\$ -	\$ 8,508.00	\$ 8,508.00	\$ 8,508.00	\$ 8,508.00
A9055.800 Disability Insurance	\$ 2,002.14	\$ 3,850.00	\$ 3,850.00	\$ 3,850.00	\$ 3,850.00
A9060.800 Hospital and Medical Ins.	\$ 352,343.34	\$ 433,501.00	\$ 420,118.00	\$ 420,118.00	\$ 420,118.00
A9189.800 Other Employee Benefits	\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL	\$ 518,825.96	\$ 705,619.00	\$ 681,285.00	\$ 681,285.00	\$ 681,285.00
TOTAL EMPLOYEE BENEFITS	\$ 518,825.96	\$ 705,619.00	\$ 681,285.00	\$ 681,285.00	\$ 681,285.00
INTERFUND TRANSFERS					
A9501.900 Transfer to Other Funds	\$ -	\$ -	\$ -	\$ -	\$ -
Debt Service Fund	\$ -	\$ -	\$ -	\$ -	\$ -
Specify	\$ -	\$ -	\$ -	\$ -	\$ -
A9901.900 Transfers to Other Funds	\$ -	\$ -	\$ -	\$ -	\$ -
A9950.900 Transfer to Capital	\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL INTERFUND TRANSFERS	\$ -	\$ -	\$ -	\$ -	\$ -
DEBT SERVICE					
A9710.600 Serial Bonds (Principal)	\$ -	\$ -	\$ -	\$ -	\$ -
A9710.700 Serial Bonds (Interest)	\$ -	\$ -	\$ -	\$ -	\$ -
A9720.600 Stat. Instal. Bonds (Principal)	\$ -	\$ -	\$ -	\$ -	\$ -
A9720.700 Stat. Instal. Bonds (Interest)	\$ -	\$ -	\$ -	\$ -	\$ -
Bond Anticipation Notes					
A9730.600 (Principal)	\$ 600,000.00	\$ 600,000.00	\$ 900,000.00	\$ 900,000.00	\$ 900,000.00
Bond Anticipation					
A9730.700 Notes (Interest)	\$ 25,720.00	\$ 80,500.00	\$ 90,000.00	\$ 90,000.00	\$ 90,000.00
A9740.600 Capital Notes (Principal)	\$ -	\$ -	\$ -	\$ -	\$ -
A9740.700 Capital Notes (Interest)	\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL	\$ 625,720.00	\$ 680,500.00	\$ 990,000.00	\$ 990,000.00	\$ 990,000.00
TOTAL DEBT SERVICE	\$ 625,720.00	\$ 680,500.00	\$ 990,000.00	\$ 990,000.00	\$ 990,000.00
A962 Budgetary Provisions for Other Uses	\$ -	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00
GRAND TOTAL GENERAL FUND APPROPRIATIONS	\$ 3,336,181.34	\$ 3,841,452.00	\$ 4,348,594.00	\$ 4,348,594.00	\$ 4,348,594.00

SCHEDULE 1 - F

APPROPRIATIONS - WATER FUND

STAFF

LAW

		EXPENDED PREVIOUS YEAR	CURRENT BUDGET AS MODIFIED	TENTATIVE BUDGET	BUDGET OFFICER REC	FINAL BUDGET ADOPTED
F1420.4	Contractual Expenses	\$ 1,707.50	\$ 2,000.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00
	TOTAL	\$ 1,707.50	\$ 2,000.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00

ENGINEER

F1440.400	Contractual Expenses	\$ 1,380.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00
	TOTAL	\$ 1,380.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00

GRANT WRITER

F6989.400	Contractual Exp.	\$ 11,768.75	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00
	TOTAL	\$ 11,768.75	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00

TOTAL STAFF

\$ 14,856.25	\$ 4,500.00	\$ 4,000.00	\$ 4,000.00	\$ 4,000.00	\$ 4,000.00
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SPECIAL ITEMS

F1910.400	Unallocated Insurance	\$ 13,724.05	\$ 13,500.00	\$ 14,000.00	\$ 14,000.00	\$ 14,000.00
F1920.400	Municipal Accos. Dues					
F1930.400	Judgements & Claims					
F1950.400	Taxes on Properties					
F1990.400	Contingent Account	-	20,000.00	20,000.00	20,000.00	20,000.00
	TOTAL	\$ 13,724.05	\$ 33,500.00	\$ 34,000.00	\$ 34,000.00	\$ 34,000.00

TOTAL SPECIAL ITEMS

\$ 13,724.05	\$ 33,500.00	\$ 34,000.00	\$ 34,000.00	\$ 34,000.00	\$ 34,000.00
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HOME AND COMMUNITY SERVICES

WATER ADMINISTRATION

F8310.100	Personnel Services	\$ 41,244.63	\$ 42,846.00	\$ 44,427.00	\$ 44,427.00	\$ 44,427.00
F8310.200	Equipment	-	-	-	-	-
F8310.400	Contractual Exp.	2,481.78	3,065.00	2,665.00	2,665.00	2,665.00
	TOTAL	\$ 43,726.41	\$ 45,911.00	\$ 47,092.00	\$ 47,092.00	\$ 47,092.00

SOURCE OF SUPPLY, POWER & PUMPING

F8320.100	Personnel Services	\$ 15,034.81	\$ 16,836.00	\$ 18,124.00	\$ 18,124.00	\$ 18,124.00
F8320.200	Equipment	-	-	-	-	-
F8320.400	Contractual Exp.	347,987.23	420,707.00	395,900.00	395,900.00	395,900.00
	TOTAL	\$ 363,022.04	\$ 437,543.00	\$ 414,024.00	\$ 414,024.00	\$ 414,024.00

PURIFICATION

F8330.100	Personnel Services	\$ 16,406.23	\$ 15,327.00	\$ 19,688.00	\$ 19,688.00	\$ 19,688.00
F8330.200	Equipment	-	-	-	-	-
F8330.400	Contractual Exp.	282,563.06	312,504.00	322,119.00	322,119.00	322,119.00
	TOTAL	\$ 298,969.29	\$ 327,831.00	\$ 341,807.00	\$ 341,807.00	\$ 341,807.00

TRANSMISSION & DISTRIBUTION

F8340.100	Personnel Services	\$ 75,270.01	\$ 78,368.00	\$ 90,186.00	\$ 90,186.00	\$ 90,186.00
F8340.200	Equipment	13,326.89	-	-	-	-
F8340.400	Contractual Exp.	44,013.67	62,550.00	62,900.00	62,900.00	62,900.00
F8340.440	Conservation Prog.	-	\$ -	-	-	-
F8340.475	Water-saving devices	-	\$ -	-	-	-
	TOTAL	\$ 132,610.57	\$ 140,918.00	\$ 153,086.00	\$ 153,086.00	\$ 153,086.00

TOTAL HOME AND COMMUNITY SERVICES

\$ 838,328.31	\$ 952,203.00	\$ 956,009.00	\$ 956,009.00	\$ 956,009.00	\$ 956,009.00
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SCHEDULE 1 - F, Water Fund Appropriations (CONT'D)

	EXPENDED PREVIOUS YEAR	CURRENT BUDGET AS MODIFIED	TENTATIVE BUDGET	BUDGET OFFICER REC	FINAL BUDGET ADOPTED
EMPLOYEE BENEFITS					
F9010.800 State Retirement	\$ 25,997.60	\$ 25,800.00	\$ 31,932.00	\$ 31,932.00	\$ 31,932.00
F9030.800 Social Security	16,626.78	20,152.00	18,984.00	18,984.00	18,984.00
F9040.800 Workers Compensation	8,318.68	10,290.00	7,500.00	7,500.00	7,500.00
F9050.800 Unemployment Insurance	-	1,525.00	1,525.00	1,525.00	1,525.00
F9055.800 Disability Insurance	512.84	825.00	825.00	825.00	825.00
F9060.800 Hospital & Medical Ins.	102,865.17	97,886.00	101,227.00	101,227.00	101,227.00
TOTAL EMPLOYEE BENEFITS	\$ 154,321.07	\$ 156,478.00	\$ 161,993.00	\$ 161,993.00	\$ 161,993.00
TOTAL EMPLOYEE BENEFITS	\$ 154,321.07	\$ 156,478.00	\$ 161,993.00	\$ 161,993.00	\$ 161,993.00
INTERFUND TRANSFERS					
F9501.900 Debt Service Fund	\$ -	\$ -	\$ -	\$ -	\$ -
Specify:	-	-	-	-	-
F9901.900 Transfers to Other Funds					
Specify: General	57,000.00	57,000.00	57,000.00	57,000.00	57,000.00
F9950.900 Transfer to Capital	-	-	-	-	-
TOTAL INTERFUND TRANSFERS	\$ 57,000.00	\$ 57,000.00	\$ 57,000.00	\$ 57,000.00	\$ 57,000.00
TOTAL INTERFUND TRANSFERS	\$ 57,000.00	\$ 57,000.00	\$ 57,000.00	\$ 57,000.00	\$ 57,000.00
DEBT SERVICE					
F9710.600 Serial Bonds (Principal)	\$ 305,000.00	\$ 310,000.00	\$ 315,000.00	\$ 315,000.00	\$ 315,000.00
F9710.700 Serial Bonds (Interest)	125,875.00	116,825.00	107,525.00	107,525.00	107,525.00
F9720.600 Stat. Instal. Bonds (Principal)	-	-	-	-	-
F9720.700 Stat. Instal. Bonds (Interest)	-	-	-	-	-
F9730.600 Bond Anticipation Notes (Pri	167,000.00	300,000.00	300,000.00	300,000.00	300,000.00
F9730.700 Bond Anticipation Notes (Int	28,219.99	127,650.00	197,750.00	197,750.00	197,750.00
TOTAL	\$ 626,094.99	\$ 854,475.00	\$ 920,275.00	\$ 920,275.00	\$ 920,275.00
TOTAL DEBT SERVICE	\$ 626,094.99	\$ 854,475.00	\$ 920,275.00	\$ 920,275.00	\$ 920,275.00
F962 Budgetary Provisions					
For Other Uses	-	-	-	-	-
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -
GRAND TOTAL WATER FUND APPROPRIATIONS	\$ 1,704,324.67	\$ 2,058,156.00	\$ 2,133,277.00	\$ 2,133,277.00	\$ 2,133,277.00

SCHEDULE 1 - G
APPROPRIATIONS - SEWER FUND

		EXPENDED PREVIOUS YEAR	CURRENT BUDGET AS MODIFIED	TENTATIVE BUDGET	BUDGET OFFICER REC	FINAL BUDGET ADOPTED
STAFF						
LAW						
G1420.400	Contractual Expenses	\$ 1,357.50	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00
	TOTAL	\$ 1,357.50	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00
ENGINEER						
G1440.400	Contractual Expenses	\$ 151,397.50	\$ 27,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00
	TOTAL	\$ 151,397.50	\$ 27,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00
Grant Writer						
G6989.400	Contractual Expenses	\$ 62,525.00	\$ 10,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00
	TOTAL	\$ 62,525.00	\$ 10,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00
TOTAL STAFF		\$ 215,280.00	\$ 42,000.00	\$ 75,000.00	\$ 75,000.00	\$ 75,000.00
SPECIAL ITEMS						
G1910.400	Unallocated Insurance	\$ 26,041.09	\$ 32,500.00	\$ 36,000.00	\$ 36,000.00	\$ 36,000.00
G1930.400	Judgements & Claims	-	-	-	-	-
G1990.400	Contingent Account	-	20,000.00	20,000.00	20,000.00	20,000.00
	TOTAL	\$ 26,041.09	\$ 52,500.00	\$ 56,000.00	\$ 56,000.00	\$ 56,000.00
TOTAL SPECIAL ITEMS		\$ 26,041.09	\$ 52,500.00	\$ 56,000.00	\$ 56,000.00	\$ 56,000.00
HOME AND COMMUNITY SERVICES						
SEWER ADMINISTRATION						
G8110.100	Personnel Services	\$ 41,244.43	\$ 42,846.00	\$ 44,482.00	\$ 44,482.00	\$ 44,482.00
G8110.200	Equipment	5,170.00	70,000.00	75,000.00	75,000.00	75,000.00
G8110.400	Contractual Exp.	1,460.02	2,050.00	1,650.00	1,650.00	1,650.00
	TOTAL	\$ 47,874.45	\$ 114,896.00	\$ 121,132.00	\$ 121,132.00	\$ 121,132.00
SANITARY SEWERS						
G8120.100	Personnel Services	\$ 70,390.37	\$ 87,697.00	\$ 88,026.00	\$ 88,026.00	\$ 88,026.00
G8120.200	Equipment	36,702.69	120,000.00	200,000.00	200,000.00	200,000.00
G8120.400	Contractual Exp.	318,276.79	55,950.00	62,000.00	62,000.00	62,000.00
	TOTAL	\$ 425,369.85	\$ 263,647.00	\$ 350,026.00	\$ 350,026.00	\$ 350,026.00
SEWER TREATMENT AND DISPOSAL						
G8130.100	Personnel Services	\$ 31,594.71	\$ 41,298.00	\$ 38,000.00	\$ 38,000.00	\$ 38,000.00
G8130.200	Equipment-Secondary Cl	65,254.67	200,000.00	200,000.00	200,000.00	200,000.00
G8130.400	Contractual Exp.	446,804.85	442,476.00	456,052.00	456,052.00	456,052.00
G8130.440	Conservation Prog.	-	-	-	-	-
	TOTAL	\$ 543,654.23	\$ 683,774.00	\$ 694,052.00	\$ 694,052.00	\$ 694,052.00
TOTAL HOME AND COMMUNITY SERVICES		\$ 1,016,898.53	\$ 1,062,317.00	\$ 1,165,210.00	\$ 1,165,210.00	\$ 1,165,210.00

SCHEDULE 1- G (Continued)
 APPROPRIATIONS - SEWER FUND

	EXPENDED PREVIOUS YEAR	CURRENT BUDGET AS MODIFIED	TENTATIVE BUDGET	BUDGET OFFICER REC	FINAL BUDGET ADOPTED
EMPLOYEE BENEFITS					
G9010.800 State Retirement	\$ 23,397.94	\$ 29,240.00	\$ 35,480.00	\$ 35,480.00	\$ 35,480.00
G9030.800 Social Security	16,626.76	21,889.00	22,760.00	22,760.00	22,760.00
G9040.800 Workers Compensation	8,318.68	10,290.00	7,500.00	7,500.00	7,500.00
G9050.800 Unemployment Ins.	-	1,525.00	1,525.00	1,525.00	1,525.00
G9055.800 Disability Insurance	512.85	825.00	825.00	825.00	825.00
G9060.800 Hospital and Medical Ins.	95,162.73	110,121.00	139,186.00	139,186.00	139,186.00
TOTAL	\$ 144,018.96	\$ 173,890.00	\$ 207,276.00	\$ 207,276.00	\$ 207,276.00
TOTAL EMPLOYEE BENEFITS	\$ 144,018.96	\$ 173,890.00	\$ 207,276.00	\$ 207,276.00	\$ 207,276.00
INTERFUND TRANSFERS					
G9501.900 Debt Service Fund Specify	\$ -	\$ -	\$ -	\$ -	\$ -
G9901.900 Transfers to Other Funds Specify: General	53,000.00	53,000.00	53,000.00	53,000.00	53,000.00
G9950.900 Transfers to Capital (DA)	-	-	-	-	-
TOTAL	\$ 53,000.00	\$ 53,000.00	\$ 53,000.00	\$ 53,000.00	\$ 53,000.00
TOTAL INTERFUND TRANSFERS	\$ 53,000.00	\$ 53,000.00	\$ 53,000.00	\$ 53,000.00	\$ 53,000.00
DEBT SERVICE					
G9710.600 Serial Bonds (Principal)	\$ -	\$ -	\$ -	\$ -	\$ -
G9710.700 Serial Bonds (Interest)	-	-	-	-	-
G9720.600 Stat. Instal. Bonds (Principal)	-	-	-	-	-
G9720.700 Stat. Instal. Bonds (Interest)	-	-	-	-	-
G9730.600 Bond Anticipation Notes (Principal)	\$ -	\$ -	\$ -	\$ -	\$ -
G9730.700 Bond Anticipation Notes (Interest)	-	-	-	-	-
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL DEBT SERVICE	\$ -	\$ -	\$ -	\$ -	\$ -
G962 Budgetary Provisions For Other Uses	\$ -	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00
	\$ -	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00
GRAND TOTAL SEWER FUND APPROPRIATIONS	\$ 1,455,238.58	\$ 1,483,707.00	\$ 1,656,486.00	\$ 1,656,486.00	\$ 1,656,486.00

**SCHEDULE 1 - H
CAPITAL PROJECT FUND APPROPRIATIONS**

	EXPENDED PREVIOUS YEAR	CURRENT BUDGET AS MODIFIED	TENTATIVE BUDGET	BUDGET OFFICER REC	FINAL BUDGET ADOPTED
H1620.2 GENERATOR	\$ -	\$ -	\$ -	\$ -	\$ -
H1640.2 DUMP TRUCK REPLACEMENT (Two (2) new Dump Trucks)	\$ -	\$ -	\$ -	\$ -	\$ -
H3410.2 FIRE TRUCK REPLACEMENT		\$ 100,000.00	\$ -	\$ -	\$ -
H3410.2 FIRE HOUSE PROJECT	\$ 647,528.78	\$ 2,400,000.00	\$ 1,900,000.00	\$ 1,900,000.00	\$ 1,900,000.00
H7111.2 MILLBROOK PRESERVE	\$ -	\$ -	\$ -	\$ -	\$ -
H7180.4 MORIELLO POOL	\$ -	\$ -	\$ -	\$ -	\$ -
H8130.2 SEWER- DIGESTER LID	\$ -	\$ -	\$ -	\$ -	\$ -
H8120.4 SANITARY SEWER FD (DASNY)	\$ -	\$ -	\$ -	\$ -	\$ -
H3410.4 GENERATOR FD (DASNY)	\$ -	\$ -	\$ -	\$ -	\$ -
H8122.4 SEWER SYSTEM IMPROVEMENT	\$ -	\$ -	\$ -	\$ -	\$ -
H8140.4 PEACE PARK	\$ -	\$ -	\$ -	\$ -	\$ -
H8141.4 STORM SEWER-WCS	\$ -	\$ -	\$ -	\$ -	\$ -
H8141.4 TOWN & COUNTRY Storm Sewer	\$ -	\$ -	\$ -	\$ -	\$ -
H8320.4 WATER TANK REPLACEMENT	\$ -	\$ 450,000.00	\$ 400,000.00	\$ 400,000.00	\$ 400,000.00
H8322.4 DEP- WATER SOURCE	\$ 3,445.83	\$ 460,000.00	\$ 375,000.00	\$ 375,000.00	\$ 375,000.00
H8335.4 WATER FILTRATION PLANT	\$ 2,217.50	\$ 1,245,000.00	\$ 1,150,000.00	\$ 1,150,000.00	\$ 1,150,000.00
H8341.4 WATER IMP. PROJECT (EFFECTIVE)	\$ 2,609,983.79	\$ 2,100,000.00	\$ 2,030,000.00	\$ 2,030,000.00	\$ 2,030,000.00
H9901.9 TRANSFER TO OTHER FUND	\$ 1,274.00	\$ 120,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00
TOTAL APPROPRIATIONS	\$ 3,264,449.88	\$ 6,875,000.00	\$ 6,055,000.00	\$ 6,055,000.00	\$ 6,055,000.00

SCHEDULE 2 - H

	ACTUAL PREVIOUS YEAR	BUDGET AS MODIFIED	TENTATIVE BUDGET	BUDGET OFFICER REC	FINAL BUDGET ADOPTED
H0521 ENCUMBRANCES	\$ -	\$ -	\$ -	\$ -	\$ -
H2680 INSURANCE RECOVERIES	\$ -	\$ -	\$ -	\$ -	\$ -
H3097 STATE AID- CAPITAL	\$ -	\$ -	\$ -	\$ -	\$ -
H3389 STATE AID-OTHER (DASNY)	\$ -	\$ -	\$ -	\$ -	\$ -
H3397 STATE AID-PUBLIC SAFETY CAPITAL PROJECTS	\$ 150,000.00	\$ -	\$ -	\$ -	\$ -
H3897 STATE AID - CULTURE & RECREATION CAPITAL PROJECTS	\$ -	\$ -	\$ -	\$ -	\$ -
H4097 FEDERAL AID-GENERAL GOVERNMENT CAPITAL PROJECTS	\$ -	\$ -	\$ -	\$ -	\$ -
H4397 FEDERAL AID-PUBLIC SAFETY CAPITAL PROJECTS	\$ -	\$ -	\$ -	\$ -	\$ -
H4989 FEDERAL FUND- THRU STATE	\$ 3,136,398.54	\$ -	\$ -	\$ -	\$ -
H5031 INTERFUND TRANSFERS	\$ 767,000.00	\$ -	\$ -	\$ -	\$ -
H5710 SERIAL BOND	\$ -	\$ -	\$ -	\$ -	\$ -
H5730 BOND ANTICIPATION NOTE	\$ -	\$ 6,280,000.00	\$ 5,155,000.00	\$ 5,155,000.00	\$ 5,155,000.00
H5731 BANS REDEEMED	\$ -	\$ 595,000.00	\$ 900,000.00	\$ 900,000.00	\$ 900,000.00
H5785 INSTALLMENT PURCHASE	\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL REVENUES	\$ 4,053,398.54	\$ 6,875,000.00	\$ 6,055,000.00	\$ 6,055,000.00	\$ 6,055,000.00

**ESTIMATED REVENUES OTHER THAN
REAL PROPERTY TAXES TO BE LEVIED**

GENERAL FUND

		ACTUAL PREVIOUS YEAR	CURRENT BUDGET AS MODIFIED	TENTATIVE BUDGET	BUDGET OFFICER REC	FINAL BUDGET ADOPTED
OTHER TAX ITEMS						
A1090	Interest and Penalties on Real Property Taxes	\$ 9,221.68	\$ 12,000.00	\$ 12,000.00	\$ 12,000.00	\$ 12,000.00
	TOTAL	\$ 9,221.68	\$ 12,000.00	\$ 12,000.00	\$ 12,000.00	\$ 12,000.00
A1081	Pilot -Woodland Pond	\$ 111,963.51	\$ 118,180.00	\$ 120,000.00	\$ 120,000.00	\$ 120,000.00
	TOTAL	\$ 111,963.51	\$ 118,180.00	\$ 120,000.00	\$ 120,000.00	\$ 120,000.00
NON-PROPERTY TAX ITEMS						
A1116	Tax on Adult-Use Cannabis	\$ -	\$ -	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00
A1120	Sales Tax-Distr by County	\$ 32,423.61	\$ 57,500.00	\$ 70,000.00	\$ 70,000.00	\$ 70,000.00
A1130	Utilities Gross Receipts Tax	\$ 59,043.10	\$ 48,000.00	\$ 48,000.00	\$ 48,000.00	\$ 48,000.00
A1170	Franchises	29,702.92	37,000.00	28,000.00	28,000.00	28,000.00
	TOTAL	\$ 121,169.63	\$ 142,500.00	\$ 166,000.00	\$ 166,000.00	\$ 166,000.00
DEPARTMENTAL INCOME						
A1230	Treasurer & Clerk Fees	\$ 516.85	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00
	Charges for Tax					
A1235	Advertising	50.00	300.00	300.00	300.00	300.00
A1255	Admin Fees (Building De	-	1,000.00	1,000.00	1,000.00	1,000.00
	TOTAL	\$ 566.85	\$ 2,300.00	\$ 2,300.00	\$ 2,300.00	\$ 2,300.00
PUBLIC SAFETY						
A1520	TVB Admin. Fees	\$ 18,120.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00
A1560	Safety Inspection Fees	155,655.37	175,000.00	155,000.00	155,000.00	155,000.00
	TOTAL	\$ 173,775.37	\$ 195,000.00	\$ 175,000.00	\$ 175,000.00	\$ 175,000.00
TRANSPORTATION						
A1710	Public Works Service	\$ -	\$ -	\$ -	\$ -	\$ -
	On-Street Parking Meter					
A1740	Fees	263,003.45	220,000.00	270,000.00	270,000.00	270,000.00
A1789	Other Transportation Income	-	-	-	-	-
	TOTAL	\$ 263,003.45	\$ 220,000.00	\$ 270,000.00	\$ 270,000.00	\$ 270,000.00
HOME AND COMMUNITY SERVICES						
A2089	SBA (Tree Grant)	\$ -	\$ -	\$ -	\$ -	\$ -
A2110	Zoning Fees	11,405.00	15,000.00	15,000.00	15,000.00	15,000.00
A2115	Planning Board Fees	74,966.45	60,000.00	50,000.00	50,000.00	50,000.00
	TOTAL	\$ 86,371.45	\$ 75,000.00	\$ 65,000.00	\$ 65,000.00	\$ 65,000.00
INTERGOVERNMENTAL CHARGES						
A2262	Fire Protection Services for Other Governments	\$ 538,551.50	\$ 575,719.00	\$ 638,685.00	\$ 638,685.00	\$ 638,685.00
A2302	Snow Removal Services	-	900.00	700.00	700.00	700.00
	Misc. Revenue-Other					
A2389	Govt	-	-	-	-	-
	TOTAL	\$ 538,551.50	\$ 576,619.00	\$ 639,385.00	\$ 639,385.00	\$ 639,385.00

ESTIMATED REVENUES OTHER THAN REAL PROPERTY TAXES TO BE LEVIED

GENERAL FUND

		ACTUAL PREVIOUS YEAR	CURRENT BUDGET AS MODIFIED	TENTATIVE BUDGET	BUDGET OFFICER REC	FINAL BUDGET ADOPTED
USE OF MONEY AND PROPERTY						
A2401	Interest Earnings	\$ 49,801.17	\$ 28,000.00	\$ 70,000.00	\$ 70,000.00	\$ 70,000.00
A2410	Rental Real Property					
A2450	Commissions	\$ -				
	TOTAL	\$ 49,801.17	\$ 28,000.00	\$ 70,000.00	\$ 70,000.00	\$ 70,000.00
LICENSES AND PERMITS						
A2501	Business & Occupational Licenses	\$ 3,500.00	\$ 3,500.00	\$ 3,500.00	\$ 3,500.00	\$ 3,500.00
A2530	Games of Chance	-	\$ -	\$ -	\$ -	\$ -
A2560	Bid Deposit	50.00				
A2590	Permits	\$ 10,587.31	\$ 12,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00
	TOTAL	\$ 14,137.31	\$ 15,500.00	\$ 18,500.00	\$ 18,500.00	\$ 18,500.00
FINES & FORFEITURES						
A2610	Fines & Forfeited Bail	\$ 226,449.00	\$ 245,000.00	\$ 265,000.00	\$ 265,000.00	\$ 265,000.00
	TOTAL	\$ 226,449.00	\$ 245,000.00	\$ 265,000.00	\$ 265,000.00	\$ 265,000.00
SALES OF PROPERTY AND COMPENSATION FOR						
A2650	Sales of Scrap	\$ 121.20	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00
A2660	Sale of Real Property	\$ -	\$ -	\$ -	\$ -	\$ -
A2665	Sales of Equipment	\$ -	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00
A2680	Insurance Recoveries	\$ -	\$ -	\$ -	\$ -	\$ -
A2690	Other Comp. for Loss					
	TOTAL	\$ 121.20	\$ 12,000.00	\$ 12,000.00	\$ 12,000.00	\$ 12,000.00
MISCELLANEOUS						
A2701	Appropriations Expenses of Prior Years					
A2705	Gifts and Donations	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00
A2710	Premium on Obligations	\$ 3,792.25	\$ -	\$ -	\$ -	\$ -
A2770	Unclassified Revenues	\$ -	\$ -	\$ -	\$ -	\$ -
	TOTAL	\$ 8,792.25	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00
STATE AID						
A2750	AIM-Aid and Incentives	\$ 72,724.00	\$ 72,724.00	\$ 72,724.00	\$ 72,724.00	\$ 72,724.00
A3005	State Aid- MTG Tax	\$ 113,214.76	\$ 85,000.00	\$ 82,000.00	\$ 82,000.00	\$ 82,000.00
	State Aid Rea Property	\$ -	\$ -	\$ -	\$ -	\$ -
A3040	Administration	\$ -	\$ -	\$ -	\$ -	\$ -
A3060	Records Mgt.	\$ -	\$ -	\$ -	\$ -	\$ -
A3089	State Aid-FEMA	\$ -	\$ -	\$ -	\$ -	\$ -
A3097	State Aid-Capital	\$ -	\$ -	\$ -	\$ -	\$ -
A3389	State Aid-DASNY	\$ -	\$ -	\$ -	\$ -	\$ -
	Consolidated Highway Aid					
A3501	Aid	\$ 65,123.68	\$ 212,873.00	\$ 333,452.00	\$ 333,452.00	\$ 333,452.00
	State Aid for Youth Programs	\$ -	\$ -	\$ -	\$ -	\$ -
A3820	Programs	\$ -	\$ -	\$ -	\$ -	\$ -
A3889	State Aid- grants	\$ 79,050.00	\$ -	\$ -	\$ -	\$ -
A3989	Safety & Health	\$ 5,638.08	\$ -	\$ -	\$ -	\$ -
A3995	Code Enforcement	\$ -	\$ -	\$ -	\$ -	\$ -
	TOTAL	\$ 335,750.52	\$ 375,597.00	\$ 493,176.00	\$ 493,176.00	\$ 493,176.00

ESTIMATED REVENUES OTHER THAN REAL PROPERTY TAXES TO BE LEVIED

GENERAL FUND

		ACTUAL PREVIOUS YEAR	CURRENT BUDGET AS MODIFIED	TENTATIVE BUDGET	BUDGET OFFICER REC	FINAL BUDGET ADOPTED
FEDERAL AID						
A4089	Federal Aid-FEMA	\$ -	\$ -	\$ -	\$ -	\$ -
A4960	FEMA Reimbursement B	\$ -	\$ -	\$ -	\$ -	\$ -
A4097	Federal Aid-Capital Park	\$ -	\$ -	\$ -	\$ -	\$ -
A4989	Federal Aid- Sidewalk Pr	\$ -	\$ -	\$ -	\$ -	\$ -
	TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -
INTERFUND TRANSFERS						
A5031	Interfund Transfers	\$ 111,274.00	\$ 110,000.00	\$ 310,000.00	\$ 310,000.00	\$ 310,000.00
A5730	Bond Anticipation Note	\$ -	\$ -	\$ -	\$ -	\$ -
LONG TERM OBLIGATIONS						
A5792	Refunding Bond Issued	\$ -	\$ -	\$ -	\$ -	\$ -
GRAND TOTAL ESTIMATED REVENUES OTHER THAN REAL PROPERTY TAXES - GENERAL FUND		\$ 2,050,948.89	\$ 2,127,696.00	\$ 2,618,361.00	\$ 2,618,361.00	\$ 2,618,361.00

SCHEDULE 2 - F

ESTIMATED REVENUES
WATER FUND

		ACTUAL PREVIOUS YEAR	CURRENT BUDGET AS MODIFIED	TENTATIVE BUDGET	BUDGET OFFICER REC	FINAL BUDGET ADOPTED
HOME & COMMUNITY SERVICES						
WATER SALES AND CHARGES						
F2140	Metered Water Sales	\$ 673,634.57	\$ 789,350.00	\$ 884,072.00	\$ 884,072.00	\$ 884,072.00
F2144	Water Service Charges	3,609.56	10,000.00	10,000.00	10,000.00	10,000.00
F2148	Interest and Penalties on Water Rents	5,779.24	15,000.00	15,000.00	15,000.00	15,000.00
F2378	Water Services for Other Governments	962,703.89	\$ 992,100.00	\$ 1,061,705.00	\$ 1,061,705.00	\$ 1,061,705.00
	TOTAL	\$ 1,645,727.26	\$ 1,806,450.00	\$ 1,970,777.00	\$ 1,970,777.00	\$ 1,970,777.00
USE OF MONEY AND PROPERTY						
F2401	Interest and Earnings	\$ 11,573.17	\$ 16,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00
	TOTAL	\$ 11,573.17	\$ 16,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00
SALES OF PROPERTY & COMPENSATION						
FOR LOSSES, MISC.						
F2650	Sale of Scrap & Excess M	\$ -	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00
F2680	Insurance Recoveries	-	-	-	-	-
	TOTAL	\$ -	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00
MISCELLANEOUS						
F2701	Refund of Prior Years Expenditures	\$ -	\$ -	\$ -	\$ -	\$ -
F2710	Premium on BAN	\$ -	\$ -	\$ -	\$ -	\$ -
F2770	Unclassified Revenues	\$ -	\$ -	\$ -	\$ -	\$ -
	TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -
STATE AID						
F3389	State Aid- Grant	\$ -	\$ -	\$ -	\$ -	\$ -
FEDERAL AID						
F4089	Fed Aid- FEMA	\$ 150,000.00	\$ -	\$ -	\$ -	\$ -
F4989	Grant	-	-	-	-	-
	TOTAL	\$ 150,000.00	\$ -	\$ -	\$ -	\$ -
INTERFUND TRANSFERS						
F5031	Interfund Transfers	\$ -	\$ 120,000.00	\$ -	\$ -	\$ -
F5730	Bond Anticipation Notes	\$ -	\$ -	\$ -	\$ -	\$ -
	TOTAL	\$ 150,000.00	\$ 120,000.00	\$ -	\$ -	\$ -
GRAND TOTAL ESTIMATED REVENUES WATER FUND		\$ 1,807,300.43	\$ 1,947,450.00	\$ 1,990,777.00	\$ 1,990,777.00	\$ 1,990,777.00

**SCHEDULE 2-G
ESTIMATED REVENUES
SEWER FUND**

		ACTUAL PREVIOUS YEAR	CURRENT BUDGET AS MODIFIED	TENTATIVE BUDGET	BUDGET OFFICER REC	FINAL BUDGET ADOPTED
HOME AND COMMUNITY SERVICES						
SEWER SALES AND CHARGES						
G2120	Sewer Rents	\$ 624,952.46	\$ 688,100.00	\$ 728,910.00	\$ 728,910.00	\$ 728,910.00
G2122	Sewer Charges	-	1,000.00	1,000.00	1,000.00	1,000.00
	Interest & Penalties on					
G2128	Sewer Accounts	3,733.81	5,000.00	5,000.00	5,000.00	5,000.00
	Sewer Services for					
G2374	Other Governments	852,875.65	779,607.00	911,576.00	911,576.00	911,576.00
	TOTAL	\$ 1,481,561.92	\$ 1,473,707.00	\$ 1,646,486.00	\$ 1,646,486.00	\$ 1,646,486.00
USE OF MONEY AND PROPERTY						
G2401	Interest and Earnings	\$ 5,750.16	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00
	TOTAL	\$ 5,750.16	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00
SALES OF PROPERTY AND COMPENSATION FOR LOSSES, MISC.						
G2650	Sale of Scrap & Ecess M	\$ -	\$ -	\$ -	\$ -	\$ -
G2680	Insurance Recoveries	\$ -	\$ -	\$ -	\$ -	\$ -
	TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -
MISCELLANEOUS						
G2701	Refund of Prior Yr Exp	\$ -	\$ -	\$ -	\$ -	\$ -
	TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -
G2710	Premium of Obligation	\$ -	\$ -	\$ -	\$ -	\$ -
G2770	Misc. Revenue	\$ -	\$ -	\$ -	\$ -	\$ -
	TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -
STATE AID						
G3089	State Aid - FEMA	\$ 214,152.74	\$ -	\$ -	\$ -	\$ -
G3389	State Aid-DASNY	\$ -	\$ -	\$ -	\$ -	\$ -
G3901	State Oper/Maint.	\$ -	\$ -	\$ -	\$ -	\$ -
	TOTAL	\$ 214,152.74	\$ -	\$ -	\$ -	\$ -
FEDERAL AID						
G4989	Federal Aid- CDBG Gran	\$ 429,203.84	\$ -	\$ -	\$ -	\$ -
	TOTAL	\$ 429,203.84	\$ -	\$ -	\$ -	\$ -
INTERFUND TRANSFERS						
G5031	Interfund Transfers	\$ -	\$ -	\$ -	\$ -	\$ -
	TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -
GRAND TOTAL ESTIMATED REVENUES SEWER FUND		\$ 2,130,668.66	\$ 1,483,707.00	\$ 1,656,486.00	\$ 1,656,486.00	\$ 1,656,486.00

Village of New Paltz- Salary Schedule of Elected Officials

Fiscal Year 2024-2025

<u>Office Held</u>	<u>Salary</u>	<u>Budget Lines</u>
Mayor	\$62,665.00	{A1210.1}
Deputy Mayor	\$ 9,000.00	{A1010.1}
Trustees {3 @ \$8,000.00}	\$ 8,000.00	{A1010.1}

Salary Schedule Appointees/Exempt for Fiscal Year 2024/2025

Municipal Works Supt	\$98,985.49	{A5010.1, F8310.1, G8110.1}
Treasurer/Tax Collector	\$87,884.60	{A1325.1}
Deputy Treasurer	\$61,153.39	{A1130.1, A1325.1}
Deputy Clerk (N MacLean)	\$52,665.60	(A1410.1, A8010.1, A8020.1)
Deputy Clerk (H Nielson)	\$27.50 (16hrs)	(A1130.1, A1410.1)
Project Manager, PB/ZB	\$55,685.09	{A8010.1, A8020.1}
Fire Inspector PT P Koch	\$26.00 (hr)	{A3620.1}
HPC Secretary V. McAllister	\$27.57 (hr)	{A7520.1}
Custodian D. Pritchard	\$22.00 (hr)	{A1620.1}

EXHIBIT 7

2024-2025 Village of New Paltz Debt Schedule

2024 - 2025 DEBT SCHEDULE

Due	Issue & Type	Balance Due	General		Water		Sewer		Total
			Principal	Interest	Principal	Interest	Principal	Interest	
Refinanced	Serial Bond \$2.2M, 4.14%								
9/1/2024	Water Improvements Water Tank/Meters	470,000.00			155,000.00	2,350.00			157,350.00
	2025/2026 - balance \$755,000								
	Refinanced for \$780,000 5yr 1%								
3/1/2025	Interest Payment (#2)					1,575.00			1,575.00
20yr	Serial Bond \$3.85M 2.7440%(5.00%)	3,120,000.00							
10/1/2024	Interest payment only					51,800.00			51,800.00
4/1/2025	Principal & Interest				160,000.00	51,800.00			211,800.00
	BAN 2023 - 4,855,000.00 (5%)								
9/13/2024	Water Tank	400,000.00			35,000.00	20,000.00			55,000.00
	Water Filtration Plant	100,000.00			60,000.00	5,000.00			65,000.00
	Water Filtration Plant	970,000.00			25,000.00	48,500.00			73,500.00
	DEP Project Water Source	245,000.00			25,000.00	12,250.00			37,250.00
	DEP Project Water Source	130,000.00			60,000.00	6,500.00			66,500.00
	Water Filtration Plant	80,000.00			40,000.00	4,000.00			44,000.00
	EFC Project (New BAN)	480,000.00			20,000.00	24,000.00			44,000.00
	Fire Station Shared w/Town	350,000.00	350,000.00	17,500.00					367,500.00
	Fire Station- Shared w/Town	550,000.00	350,000.00	27,500.00					377,500.00
	EFC 1.6M	1,550,000.00			35,000.00	77,500.00			112,500.00
1/30/2025	Fire Station 1M 4.50%	1,000,000.00	200,000.00	45,000.00					245,000.00
	TOTAL	9,445,000.00	900,000.00	90,000.00	615,000.00	305,275.00	0.00	0.00	1,910,275.00
	Outstanding Debt								
	General	\$1,900,000.00							
	Water	\$3,855,000.00							
	Sewer	\$0.00							
	TOTAL - BANS	5,855,000.00							
	Water - Serial Bonds	3,590,000.00							
	Total Debt	9,445,000.00							

EXHIBIT 8

Smart Growth Assessment Form



Smart Growth Assessment Form

This form should be completed by an authorized representative of the applicant, preferably the project engineer or other design professional.¹

Section 1 – General Applicant and Project Information

Applicant: VILLAGE OF NEW PALTZ

Project No.:

Project Name: WATER SYSTEM UPGRADES & LEAD SERVICE LATERAL MITIGATION - PHASE 2

Is project construction complete? Yes, date: No

Please provide a brief project summary in plain language including the location of the area the project serves:

Project will include the following improvements serving the Village of New Paltz Water System, Village of New Paltz, Ulster County, New York:

- Replacement of Distribution System Pressure Reducing Valve and Vault;
- Replacement of Watermain on Ridge Road and Lincoln Place;
- Replacement of Watermain on Southside Avenue (from Pencil Hill Road to Route 208);
- Replacement of Watermain on Wurts Street and portion of Mohonk Avenue;
- Installation of Watermain between Huguenot Street and Old Kingston Road.

Section 2 – Screening Questions

A. Prior Approvals

- Has the project been previously approved for Environmental Facilities Corporation (EFC) financial assistance? Yes No
- If yes to A(1), what is the project number(s) for the prior approval(s)? Project No.:
- If yes to A(1), is the scope of the previously-approved project substantially the same as the current project? Yes No

If your responses to A(1) and A(3) are both yes, please proceed to Section 5, Signature.

B. New or Expanded Infrastructure

- Does the project involve the construction or reconstruction of new or expanded infrastructure? Yes No

Examples of new or expanded infrastructure include, but are not limited to:

- (i) The addition of new wastewater collection/new water mains or a new wastewater treatment system/water treatment plant where none existed previously;
- (ii) An increase of the State Pollutant Discharge Elimination System (SPDES) permitted flow capacity for an existing wastewater treatment system; and OR

¹ If project construction is complete and the project was not previously financed through EFC, an authorized municipal representative may complete and sign this assessment.

- (iii) An increase of the permitted water withdrawal or the permitted flow capacity for the water treatment system such that a Department of Environmental Conservation (DEC) water withdrawal permit will need to be obtained or modified, or result in the Department of Health (DOH) approving an increase in the capacity of the water treatment plant.

If your response to B(1) is no, please proceed to Section 5, Signature.

Section 3 –Smart Growth Criteria

Your project must be consistent will all relevant Smart Growth criteria. For each question below please provide a response and explanation.

1. Does the project use, maintain, or improve existing infrastructure?
 Yes No

Explain your response:

2. Is the project located in a (1) municipal center, (2) area adjacent to a municipal center, or (3) area designated as a future municipal center, as such terms are defined herein (please select one response)?

- Yes, my project is located in a municipal center, which is an area of concentrated and mixed land uses that serves as a center for various activities, including but not limited to: central business districts, main streets, downtown areas, brownfield opportunity areas (see www.dos.ny.gov for more information), downtown areas of local waterfront revitalization program areas (see www.dos.ny.gov for more information), areas of transit-oriented development, environmental justice areas (see www.dec.ny.gov/public/899.html for more information), and hardship areas (projects that primarily serve census tracts or block numbering areas with a poverty rate of at least twenty percent according to the latest census data).
- Yes, my project is located in an area adjacent to a municipal center which has clearly defined borders, is designated for concentrated development in the future in a municipal or regional comprehensive plan, and exhibits strong land use, transportation, infrastructure, and economic connections to an existing municipal center.
- Yes, my project is located in an area designated as a future municipal center in a municipal or comprehensive plan and is appropriately zoned in a municipal zoning ordinance
- No, my project is not located in a (1) municipal center, (2) area adjacent to a municipal center, or (3) area designated as a future municipal center.

Explain your response and reference any applicable plans:

3. Is the project located in a developed area or an area designated for concentrated infill development in a municipally-approved comprehensive land use plan, local waterfront revitalization plan, and/or brownfield opportunity area plan?

Yes No

Explain your response and reference any applicable plans:

4. Does the project protect, preserve, and enhance the State's resources, including surface and groundwater, agricultural land, forests, air quality, recreation and open space, scenic areas, and significant historic and archaeological resources?

Yes No

Explain your response:

5. Does the project foster mixed land uses and compact development, downtown revitalization, brownfield redevelopment, the enhancement of beauty in public spaces, the diversity and affordability of housing in proximity to places of employment, recreation and commercial development, and the integration of all income and age groups?

Yes No

Explain your response:

6. Does the project provide mobility through transportation choices including improved public transportation and reduced automobile dependency?

Yes No N/A

Explain your response:

7. Does the project involve coordination between State and local government, intermunicipal planning, or regional planning?

Yes No

Explain your response and reference any applicable plans:

8. Does the project involve community-based planning and collaboration?

Yes No

Explain your response and reference any applicable plans:

9. Does the project support predictability in building and land use codes?

Yes No N/A

Explain your response:

10. Does the project promote sustainability by adopting measures such as green infrastructure techniques, decentralized infrastructure techniques, or energy efficiency measures?

Yes No

Explain your response and reference any applicable plans:

11. Does the project mitigate future physical climate risk due to sea-level rise, storm surges, and/or flooding, based on available data predicting the likelihood of future extreme weather events, including hazard risk analysis data, if applicable?

Yes No

Explain your response and reference any applicable plans:


Section 4 – Miscellaneous

1. Is the project expressly required by a court or administrative consent order? Yes No

If yes, and you have not previously provided the applicable order to EFC/DOH, please submit it with this form.

Section 5 – Signature

By signing below, you agree that you are authorized to act on behalf of the applicant and that the information contained in this Smart Growth Assessment is true, correct and complete to the best of your knowledge and belief.

Applicant: VILLAGE OF NEW PALTZ	Phone Number: (845) 255-0130
Name and Title of Signatory: Tim Rogers, Mayor	
Signature: 	Date: June 13, 2024