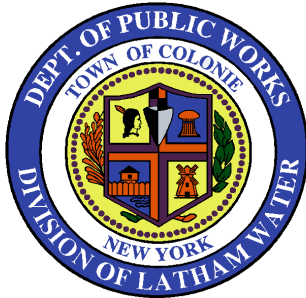


Stony Creek Reservoir and Albany



Interconnect Information Meeting



By: John Frazer
Superintendent
Latham Water District
April 20, 2021

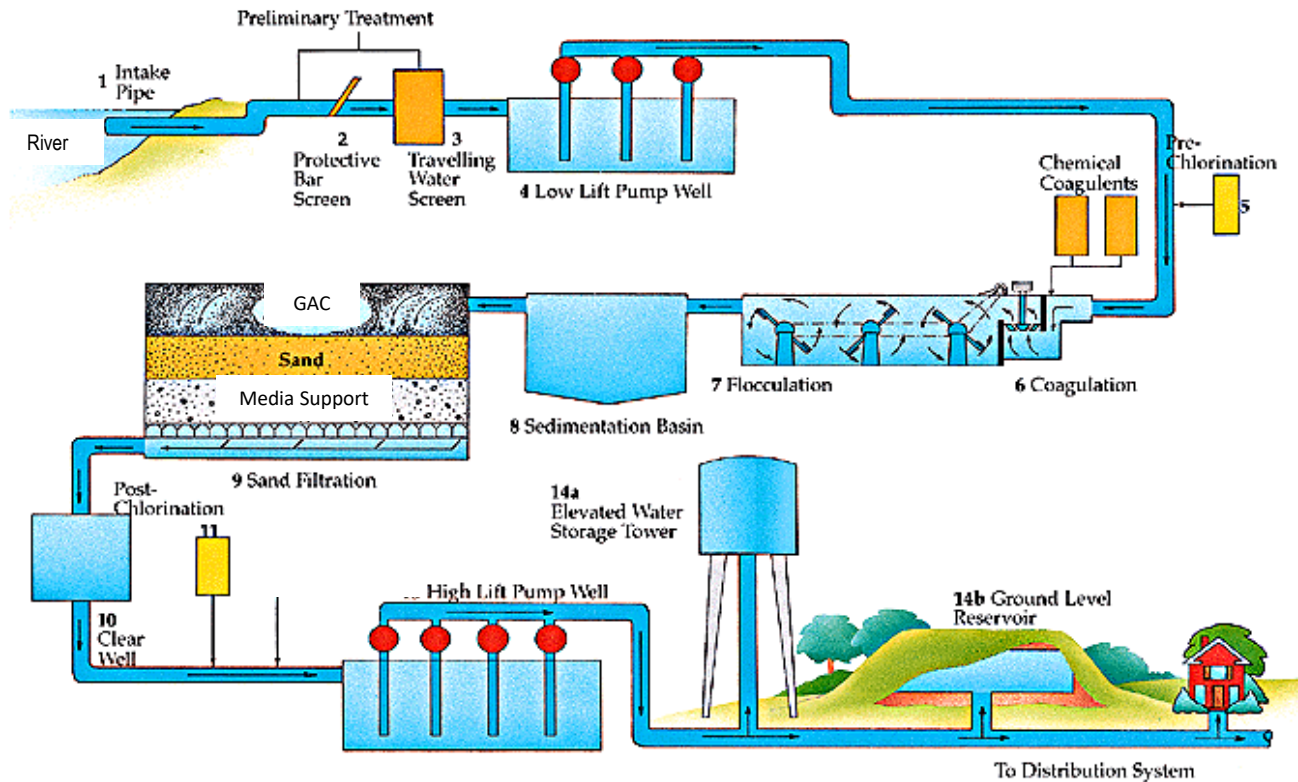


Today's Drinking Water System

- Three Sources of Raw Water
 - Stony Creek Reservoir – 6.0MGD (before downstream flow req.)
 - Mohawk River – 31.5MGD
 - Wells Along the Mohawk River – 7.0MGD
- Sources Combined at the Mohawk View Water Treatment Plant
- Water is distributed through more than 437 miles of water mains
- Water for Fire Protection is available through nearly 4,100 fire hydrants
- 25,500 Service Connections
- 2021 Budget is \$14,807,819

Drinking Water Treatment & Delivery

WATER TREATMENT PLANT SURFACE WATER SUPPLY



Water System Capacity

Mohawk View Water Treatment Plant

- Capacity Evaluated Through 2025
- Low Lift Pump Station – 30.0MGD
- Treatment Plant – 30.0 MGD
- Mohawk View High Lift Pump Station – 20.0MGD



River Road High Lift Pump Station

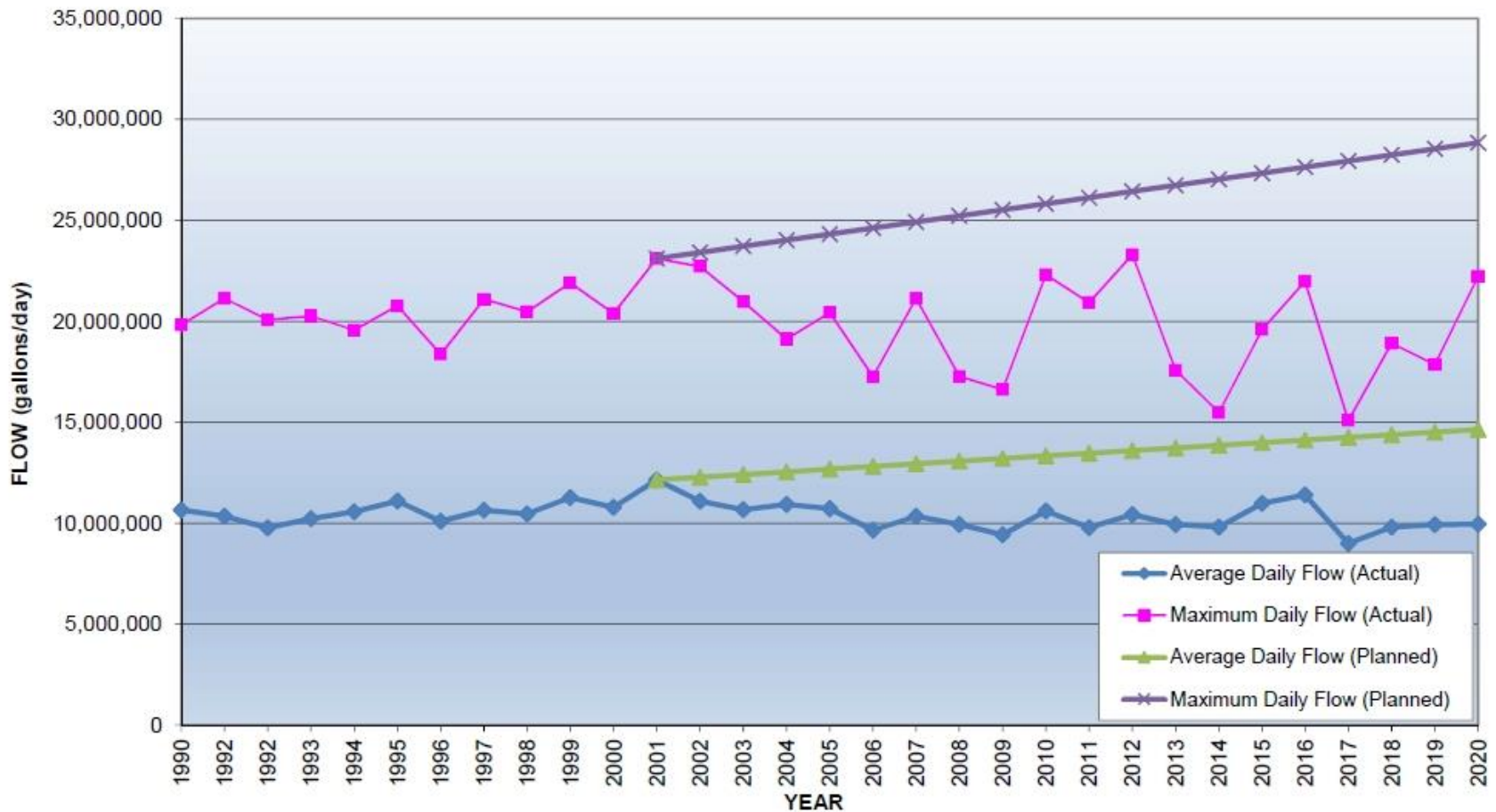
- Generally Serves West-end of Town
- Capacity – 10.0MGD



Mohawk View Water Treatment Plant

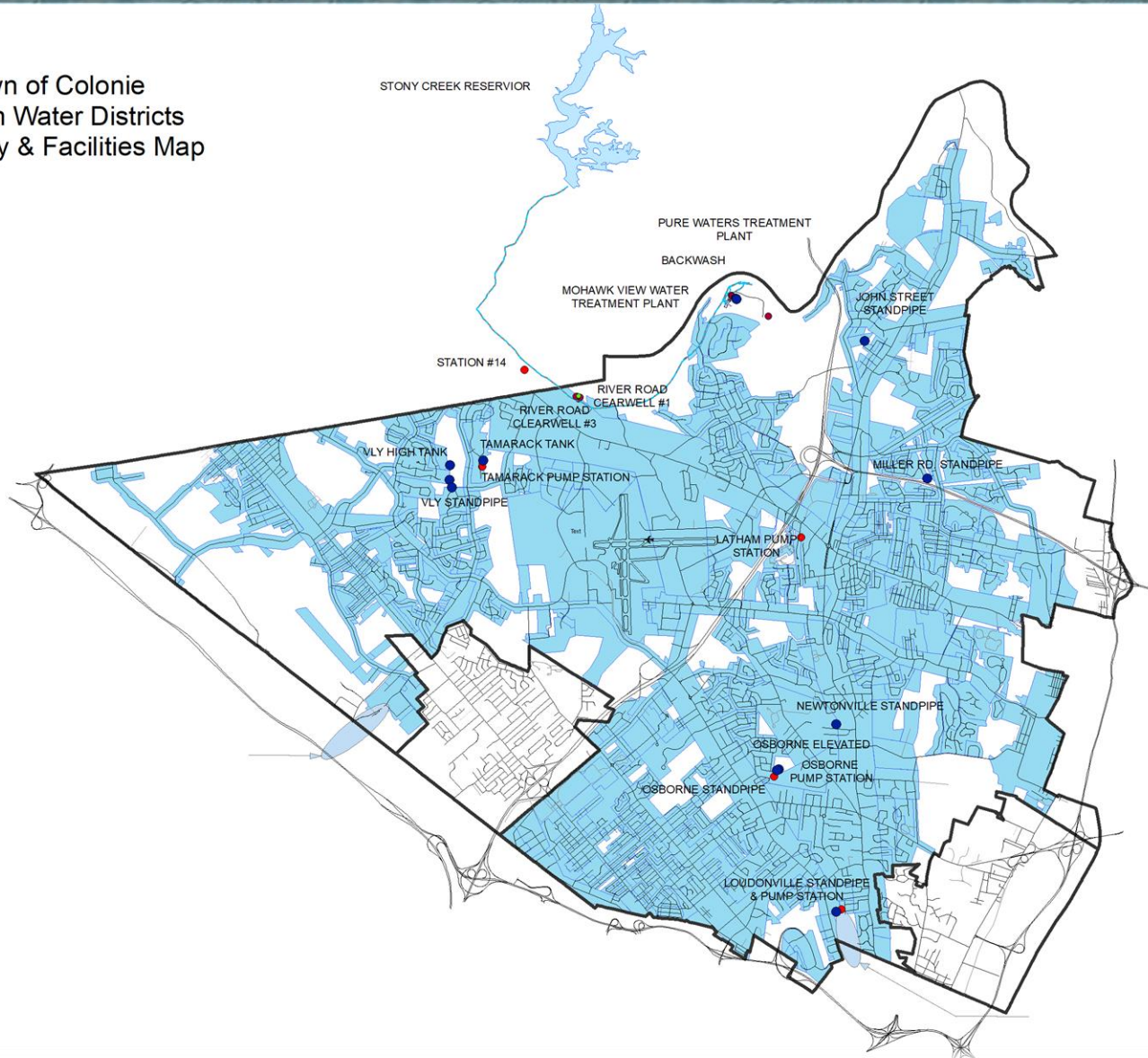
Daily Finished Water Flow

(Actual vs. Planned)



Drinking Water for Colonie

Town of Colonie
Latham Water Districts
Boundary & Facilities Map



Evolution of Our Drinking Water System

- September 29, 1929 Lathams Water District is Established
- District Served Latham Area Near Loudon Road & Troy Schenectady Road Intersection
- Original System included two artesian wells, a pump station and a single water storage tank
- Additional wells were added as the water district expanded its service area
- 1940's plans are made to develop the Stony Creek Reservoir and River Road Water Treatment Plant
- River Road Treatment Plant necessary to reduce pathogens and other contaminants

Evolution of Our Drinking Water System

- 1953 Stony Creek Reservoir and River Road Treatment Plant completed
- 1953 Stony Creek Reservoir Rules & Regulations become part of 10NYCRR
- Mid 1960's the Mohawk View Water Treatment Plant is constructed
- Mid 1980's all treatment activities are consolidated to Mohawk View
- 2005 Mohawk River permitted withdrawal increased from 20MGD to 31.5MGD
- 2005 expansion of Mohawk View Water Treatment Plant completed with capacity to 31.5MGD

The Stony Creek Reservoir

April 27, 1952 Sunday
Times-Union Article
about the reservoir's
construction

June 2002 Reservoir
Spillway Failure

PICTORIAL REVIEW

ALBANY, N. Y., SUNDAY, APRIL 27, 1952



DAM FOR COLONIE WATER SUPPLY BEING BUILT ACROSS STONY CREEK IN THE TOWN OF CLIFTON PARK

New Dam to Supply Water For Mushrooming Colony

By PAUL VADONAS
Times-Union Staff Writer

In the Highlands just across the Mohawk River north of the operating, thriving Town of Clifton a new water system is being planned that will allow Clifton's mushrooming development to flourish.

Most of the new system is a dam under construction across the valley that abounds Stony Creek in the Town of Clifton Park. The dam, to be completed here this year, will flood about 250 acres of nearly charred woods and fields to provide Clifton's present water supply.

The dam and reservoir will be constructed by a Ritec plant now under construction on the west bank of the Mohawk a few miles away. Construction has also started on a pipeline and conduits are to be laid for the clearing of the land to be flooded for the reservoir.

TO FINANCE THE PROJECT, which is being carried out under the Federal Water District act, the town has a \$1,000,000 bond issue.

The water district, which covers a portion along Stony Creek and east of the larger commercial and residential districts is now owned by its former water distributor. In addition, it has entered into agreements with neighboring municipalities to borrow water in an emergency. Flood growth of 2000, which when the new dam was completed, will flood about 250 acres of nearly charred woods and fields to provide Clifton's present water supply.

The town's new water supply is to be pumped to 2000 when water supplies were cut by the drought. Also to insure your companies have paid up over the last few months of the water, when your utility bills were not paid on time.

THE PROJECT COSTS about \$1,000,000. Water District was located back in 1937 and in 1939 but only about 1,000 customers. Today it serves about 12,000 customers. It is the only public supply in the town. That led to the water district's sale to the town of Clifton.

According to Paul A. Vandonas, town manager for the water district, the number of new customers based on the system, which has been installed since the war. In 1948 there were 1700 new customers, in 1949, 2000, in 1950, 2500, in 1951, 3000, in 1952, 3500, 4000, 4500, 5000, 5500, 6000, 6500, 7000, 7500, 8000, 8500, 9000, 9500, 10,000.

William K. Saylor, manager of the town's water supply, said that the new dam will provide a water supply to the town of Clifton.

The location of Clifton, lying between the town and the town of Clifton, is being planned to help meet the town's needs.

NEW AND MODERN, of the town's water supply, is being planned to help meet the town's needs.

Calculations for building the dam at a cost of \$1,000,000 is by H. L. Bingham, Jr., of the town. The town is now building the dam.

The dam will consist of a concrete dam with steel sheet piling and a concrete spillway.

ALSO UNDER CONSTRUCTION is the Ritec plant.

IN THIS SECTION
Editorials Features
Crossword
Books Dials
Front 'n' Center

Colonie Assessment \$6,000,000 in 2 Y

Town of Clifton has received the annual valuation of its tax base for the year 1952. The town's tax base is \$6,000,000.

As a town, Clifton is assessed at \$6,000,000. The town's tax base is \$6,000,000.

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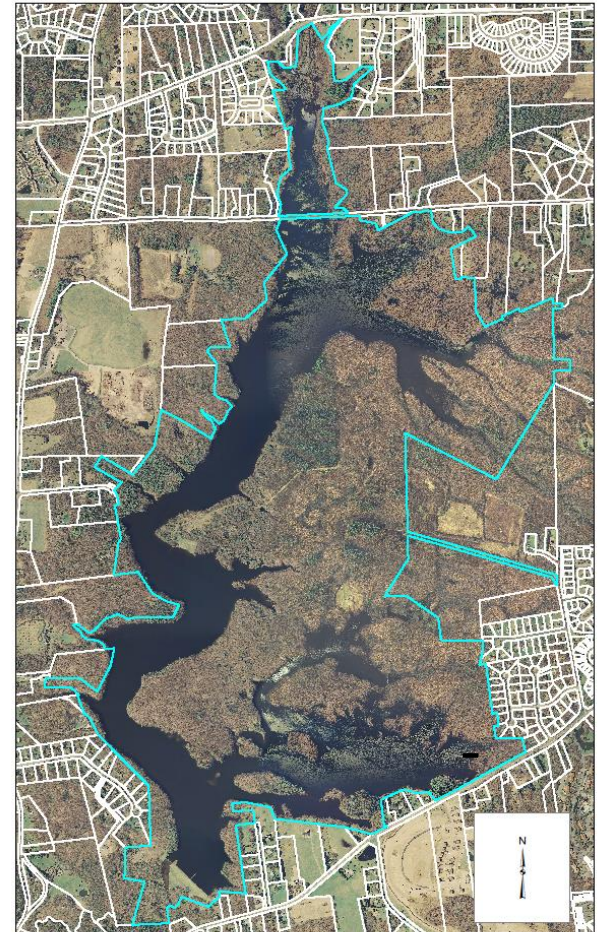
The town's tax base is \$6,000,000. The town's tax base is \$6,000,000.

'Ghosts' to Walk Again on 50th



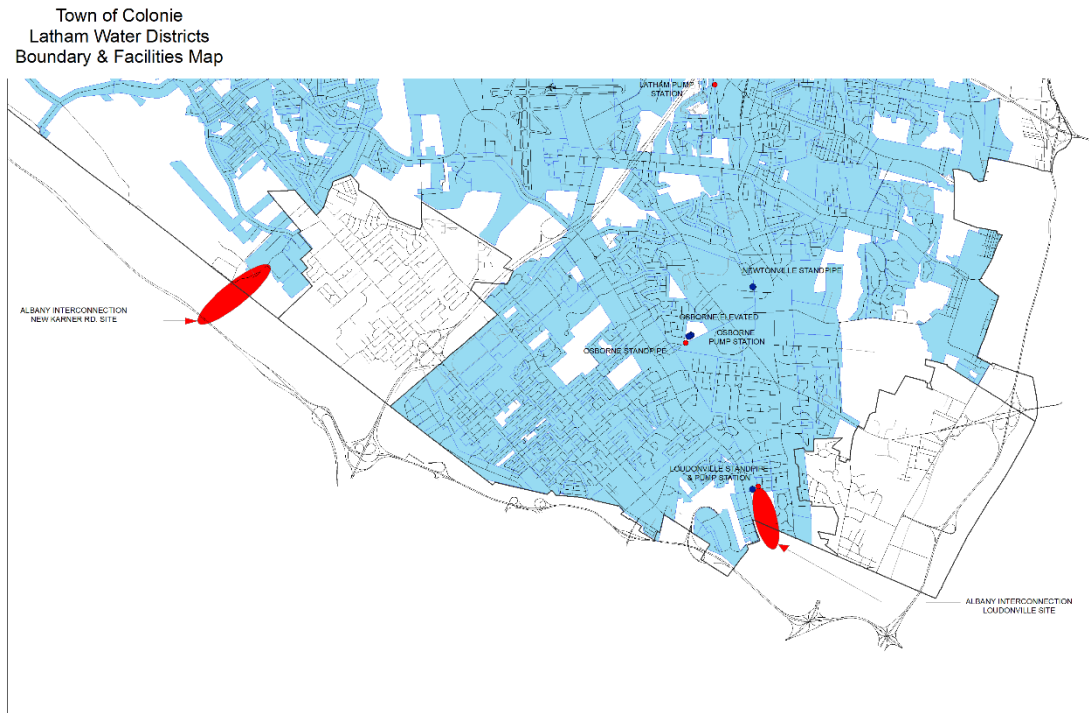
Stony Creek Reservoir Annual Expenses

- Property & School Taxes
- Repair Projects Debt Service
- Dam Engineering Assessment (Conducted Every 5 Years)
- Annual Dam & Spillway Inspections
- Insurance
- Electricity
- General Maintenance Work
- Approximate Annual Expenses \$224,000



Albany Interconnection Project

- Town Executes Inter-municipal Agreement with Albany Water Board on June 22, 2017
- Agreement Addresses Splitting Design & Construction Costs and Payments
- Addresses Billing Procedures for Water Used by Each Municipality during Emergencies
- Addresses the obligations of each Municipality in providing water to the other
- Final Town Board Approval Granted March, 2018
- Two Connections Selected – Loudonville Pump Station/Reservoir and New Karner Road
- 12.4MGD pipeline capacity available to Colonie



Albany Interconnection Project

- Total Project Financing - \$3,200,000
- A New York State Infrastructure Improvements Act Grant Awarded
- Grant Covers up to 60% of All Project related Costs
- Costs to be Split 50/50 between Colonie & Albany
- Pipelines Completed in January 2020
- Project Not Quite Complete
- Pipelines can replace MVWTP and High Lift Pump Stations w/finished water
- Latham Water has provided water to Albany
- Cost to deliver water from Albany to Colonie for 13.2MGD for one day is \$5,727
- Cost of 13.2MGD for a week is \$43,146 and for a month is \$235,043

Town of Colonie
Latham Water Districts
Boundary & Facilities Map



Albany Interconnection – Loudonville Site

- 4,000 feet of 24" DIP
- 10 MGD Capacity to Colonie
- Pumping Required to Supply Colonie
- Total Estimated Cost - \$1,960,000
- Status – In Service
- Has Already been Used to Supply Albany



Albany Interconnection - New Karner Road Site

- 3,500 feet of 16" DIP
- 2.4 MGD Capacity to
Colonie
- Pumping Required to
Supply Colonie and
Albany
- Total Estimated Cost -
\$1,210,000
- Status - In Service



Stony Creek Reservoir Sale



- Eliminates Liability
- Eliminates Debt
- Reduces Operating Costs
- Capital Available for other District projects such as water main replacements, treatment plant upgrades, etc.

Stony Creek Reservoir Sale

- Request for Proposals Issued
- Proposals Due June 4, 2021
- Rules & Regulations to be repealed or modified
- Town Board to Determine if the Reservoir & Dam are no longer needed (∴ Determined to be Surplus)
- Public Hearing Required Prior to Sale of Property
- Sale proceeds must be retained and used for District purposes
- Other Legal Requirements as determined by Town Attorney's Office
- Other Public Input as Determined by the Town Board

Stony Creek Reservoir

Repealing/Modifying Rules & Regulations

- 10NYCRR Rules & Regulations to be repealed or modified
- Process Begins with Letter From Town Supervisor to New York State Department of Health, Bureau of Public Water Supply
- State Administrative Procedures Act (SAPA) Process
- NYSDOH Shepherds the Process and Assists the Town through the Process
- Public Involvement is Part of the SAPA Process
- No Commitment of Current or Future Town Board until Publication of the final rule
- Process is expected to take 18 to 24 months

Additional Stony Creek Reservoir Information



 **Town of Colonie**
A great place to live, work and play
(518) 783-2700

Supervisor's Office Our Town Government Business Meetings & Agendas Services

DIVISION OF LATHAM WATER

The Town of Colonie Department of Public Works, Division of Latham Water, provides safe drinking water and water for fire protection to 82,000 Town of Colonie residents, except the Village of Menands and Maplewood areas. We are responsible for the treatment and distribution of water; installing and maintaining fire hydrants for fire protection, and maintaining water mains and valves.



CONTACT

 JOHN FRAZER, **SUPERINTENDENT**

 MONDAY - FRIDAY 8:00 A.M. - 4:00 P.M.

 (518) 783-2750

 [EMAIL US](#)

 PUBLIC OPERATIONS CENTER
FIRST FLOOR
347 OLD NISKAYUNA ROAD
LATHAM, NY 12110-2290

 (518) 786-7320

 RELATED DEPARTMENTS

WE HAVE INFORMATION ON:

- ▶ [Forms and Documents](#)
- ▶ [Water Rates and Fees](#)
- ▶ [Raw Water Sources](#)
- ▶ [Water Quality](#)
- ▶ [Water Meter Reading](#)
- ▶ [Water Conservation Tips](#)
- ▶ [Latham Water's Standard Specifications](#)
- ▶ [Frequently Asked Questions](#)
- ▶ [Stony Creek Reservoir Information](#)

<https://www.colonie.org/departments/lathamwater/stony-creek-faqs>

Email: frazerj@colonie.org

Telephone: (518) 783-2750

Additional Information

Annual Water Quality Report:

<https://www.colonie.org/departments/lathamwater/documents/LWDAWQR.pdf>

Annual Drinking Water Quality Report 2019

Latham Water District • 347 Old Niskayuna Road • Latham, NY 12110
(Public Water Supply ID # NY0100198)
American Water Works Association member since 1952

TOWN BOARD MEMBERS

Paula A. Mahan, Town Supervisor

<i>Linda J. Murphy, Deputy Supervisor</i>	<i>David R. Green</i>
<i>Rick Field</i>	<i>Melissa Jeffers Von Dollen</i>
<i>Danielle Futia</i>	<i>Jill A. Penn</i>

INTRODUCTION

To comply with State and Federal regulations, Latham Water District is annually issuing a report describing the quality of your drinking water. The purpose of this report is to raise your awareness of drinking water and understanding of the need to protect our drinking water sources. Last year, your tap water met all State drinking water health standards. We are proud to report that our system did not exceed any maximum contaminant level or violate any other water quality standard. This report provides an over view of last year's water quality. Included are details about where your water comes from, what it contains and how it compares to State standards.

If you have any questions about this report or your drinking water, please contact the Superintendent of the Division of Latham Water, John W. Frazer, Jr. P.E. at 518-783-2750. This report can also be found on our website – www.colonie.org/departments/lathamwater. We want you to be informed about your drinking water and the public is invited to participate in the decisions that affect the Division of Latham Water. These decisions are made by the Town Board at their regularly scheduled meetings or at special public hearings. Town Board member Linda J. Murphy is Latham Water's liaison to the Board. Public notice of all meetings is printed in the Colonie Spotlight and can also be



Questions

Thank You!

