**Town Board Meeting**
**April 4, 2022**
**6:30 p.m.**
**Zoom:** Meeting ID: 861 8204 1271 Passcode: 493025

**Present:** Supervisor Aaron, Councilor Tucker, Councilor Alexander, Councilor Legg, Councilor Dove, Attorney Smith

**Also, Present (via Zoom):** Keri Fey, Miranda Robinson, Bob Herrmann, Brian Buff, Tim Dobrovosky, Chris Buff, Sue Murphy, Kim Benda, Shane Christman.

**Also, Present:** Meghan Alfreds, Angelina Coleman, Emma Roseboom, Ava Watling, Heidi Steigerwald, Cori Jordan, Kyle Wagner, Samuel Poseznick, Eric Zellinger, Kiara Bealer, Ashley Bandera.

***Highway & Water*:** Highway Superintendent Tim Dobrovosky reported they had been out for 8 rounds of snow clearing since the last Board meeting, continued to do repairs and maintenance, worked on ditching and potholes and the push-to-talk radio units were implemented.

***Transfer Station:*** Municipal Recycling Liaison/Refuse Officer Brian Buff reported they removed seven loads of trash, five open top containers, and three loads of recycling material. They had received a quote for a server to fix the issues with the cameras and, had Mullens out to fix the pump unit. The cameras are not displaying the images as clearly as they should, and the license plate reader is not working as it was intended. The internet speeds at the Transfer station do not allow for the data to be transferred properly from the camera to the server at the Town Hall. This proposal for an onsite server would allow the data to process onsite and would work better for the camera image and the license plate reader.

Councilor Legg stated he received the proposal for the camera server and would like time to review the quote. The Board agreed and they would discuss at the next Town Board meeting. Supervisor Aaron stated this could be paid out of the equipment reserve fund, but it would require a 30- day permissive referendum and would have to be advertised.

Councilor Alexander asked Mr. Buff if this upgrade would benefit the Transfer Station without a gate. Originally, the Board discussed the license plate reader being connected to a gate for entrance at the Transfer Station. Should we be looking at the gate upgrade in conjunction with the server upgrade? Mr. Buff stated a gate was an option in the beginning, but he was not a part of the beginning of this project. He started his position at the Transfer Station after the cameras were installed. With this upgrade the license plate reader would trigger a light that could be installed in the trash building that would light up when a car goes through the entrance that does not match our data base. This could eliminate the need for a full-time guard at the gate. The cameras have been a big benefit to the monitoring at the Transfer Station and this upgrade would add to the benefits they have provided to the employees.

Attorney Smith stated the proposal for the server stated it would be the owner installing the system, is that what they would like to happen. Mr. Buff stated the Town could have Syracuse Innovations

Group install the system. Attorney Smith stated this is not under State bid or a "piggyback" purchase with the County or the State. The Board could require a couple written quotes from other providers but given that this is a piece of equipment that is being provided by the contractor that initially installed the system, and it is essentially an upgrade that matches the system, you could determine that the quote provided the best value for the Town and alleviate the requirement to have multiple bids.

Supervisor Aaron stated she would be comfortable with reviewing the one quote of $3,780 from Guth DeConza. Councilor Legg agreed. He stated the original problem with the cameras was the speed of the internet provided at the Transfer Station. Spectrum does not have the internet speeds to support the camera software, this server should correct this issue. Currently the cameras work and record and with the server upgrade the software should as well.

Attorney Smith reviewed the New York State Paint Program Contract. The Board should be aware the contract stated the Town is responsible to provide a certificate of insurance indemnifying the contractor. Many times, when we write our form contracts, we have the other party indemnify the Town and they become the responsible party. But I do not think this is something we can negotiate with the State of New York. Mr. Buff stated this program is just starting in New York State. The program is funded through the purchase of paint, a portion of the sale of paint goes to New York to fund this program.

Attorney Smith and the Town Board agreed to review the contract for the next Board meeting.

***Planning and Zoning***: Planning and Zoning Secretary Karen Barkdull reported on the open projects report submitted, there are eleven new open projects. Ms. Barkdull reviewed the status of existing projects still open; 813 West Genesee Street, redevelopment of the Hilltop property, the Planning Board completed SEQR with a negative declaration and would be holding the public hearing on March 15, 2022. Lakelawn – proposed brick and stone masonry wall to replace wood fence along West Lake Road, this project is on hold. Nulty – application is on hold with the Planning Board for the shed, awaiting the owner to apply to the ZBA for variance approval. Chris Graham – Application pending for re-design of multi-family residences for the RR district. Other activities included nine pre-application meetings, 2 hours of Codes Training, prepared RAISE 2022 grant for submittal on April 4, 2022, held a P&Z meeting March 5th and scheduled the next P&Z meeting with the Town Board April 20th at 6:00 p.m.

Supervisor Aaron stated Karen Barkdull had done an outstanding job working with Miranda Robinson and Marty Cregg to reapply for the RAISE grant. She thanked Karen for all her work.

***Codes:*** Codes Officer Herrmann reviewed the Codes Office report for February 2022, He reported there were 9 new permits issued at a total construction cost of $167,582.50 with permit costs for a total of $1,899.63, 10 Certificates of Completion and 3 Inspections. He reported they have continued to work on fire inspections for 2022.

***Parks***: Parks Director Sue Murphy reported she and Councilor Alexander had met with the Lakeshore Baseball girls' softball league. The young ladies from the Lakeshore Little League softball teams submitted a request to the Town Board for their support for improving the softball fields at Austin Park and Skaneateles Falls. There are raising money to build new brick dugouts.

Ms. Murphy stated her, and Councilor Alexander reviewed their project and offered to guide them through presenting to the Town Board. There were a group of 12 very excited young girls, and they would be submitting their proposal to the Board. Playday sign ups have been fantastic, over 100 campers had registered. Camp councilors are being interviewed. They are still accepting applications for lifeguards. The Onondaga County permit application had been submitted for the waterfront. They are working on the fields; Lakeshore Baseball is scheduled to start. Farmers Market applications are being submitted. The porta potties had been installed at the Mandana boat launch and the Sims building will be open next week.

***Staff Engineer and Water Department:*** Town Engineer Robinson reported on the following:

**Engineering:**

Streetlight maintenance has been delayed due to Covid outbreaks within the groups from NYPA/and the maintenance vendor. We should be on the schedule for maintenance by the end of next week.

RAISE Grant was submitted.

**Water:**

The Operator's monthly report was completed and submitted by Shane and Dave entirely. There were some lessons learned but they did a great job.

Submitted the updates to the Emergency Response Plan, Cyber Security Vulnerability Assessment and the usual Vulnerability Assessment

Completed the Lead Service Line Tally and have a good understanding of what the financial burden will be to replace all of the lines.

***Budget*** : Bookkeeper Keri Fey reported the February 2022 Town Supervisor's Report had been submitted to the Board.

**Minutes of March 21, 2022:** On a motion of Councilor Dove, seconded by Councilor Legg, and with a (5-0) affirmation of the Town Board, the minutes of February 17, 2022, were accepted as presented.

**Transfer Station Laborer Position:** Supervisor Aaron stated she and Councilor Legg had interviewed 3 very qualified candidates for the Transfer Station Laborer position.

Councilor Legg stated they were very fortunate to have interviewed such qualified candidates and it had been a difficult decision. After reviewing the interviews, they had made the difficult decision on one particular candidate to recommend to the Board to appoint to the position at the Transfer Station. He stated he would like to recommend David Tanner to be appointed to the full-time laborer position at the Town of Skaneateles Transfer Station.

On a motion of Councilor Legg, seconded by Councilor Dove and with unanimous (5-0) affirmation of the Town Board, the Board appointed David Tanner to the position of Laborer II at the Town of Skaneateles Transfer Station, starting April 6, 2022, at pay rate of $24.62 per hour.

**Water Rate Study:** Supervisor Aaron stated they are in receipt of the April 1, 2022, Water Rate Study, prepared by C&S Engineer, John Camp. This review of the water rate started back in 2021. We were looking at the water rate the Town charged because we were in a dispute with the Village at the time. The Town also had to consider projects the Town needed to do to maintain their water system. This study puts together a study that included both what our negotiated settlement was with the Village of Skaneateles in addition to the projections that are planned for the future of the Town's water system.

Town Engineer, John Camp gave an overview of the Water Study. He stated in January of 2021, the Town hired C&S to form the water study. The goal of the water rate study was to analyze the relevant data with the goal of identifying a reasonable water rate for the Town to charge their customers. Two basic steps in the water analysis were first for the Town to provide the data to C&S, that data included the cost of buying bulk water from the village, all the expenses related to the water department, which include equipment, repairs, regular maintenance, and the Water Department employees. The data also included a list of future projects and how much they would cost. And then a planning period had to be created and it was agreed that a 20-year period was a good period to look at. C& S then performed calculations with the goal of identifying a sustainable water rate with the following assumptions. Assumption number one that over the course of the planning period regular infrastructure rehabilitation and replacement would occur. Assumption number two was that there would be financial reserves that would be held in an account for emergencies. Assumption number three that the Water Department would be financially self-supporting. Not all municipalities keep the Water District money separate, but it is best practice to keep water revenue in the Water Department. And assumption number four is that water rates are to be kept as low as possible over time. The goal of the water service and Water Department is not to generate revenue but to provide a service for all the water customers in the Town. In September of 2021 C&S provided the first draft of the rate study. We left this a draft since at that point in time the Town was still in negotiations with the Village.

Mr. Camp stated that at the end of 2021 the Town and Village had to come to terms with the water negotiations. After submitting more draft versions to the Town Board and receiving their comments C&S now has the water rate study that is before the Board tonight. C&S Engineer's initial suggestion would be a rather sizable rate increase for year one about 35%, and then for the remainder of the first 10 years about a 3.9% increase per year. For the next 10 years a lower rate of 2.4% per year. There are different ways to look at these rate increases over time. You could decide to do a larger increase in the first rate increase and let that carry for a longer period of time. That has the obvious benefits of building up the reserves more quickly and having more cash available. Or you could split the increase necessary in a more even chunk over each of the 20 years or anywhere in between, a hybrid approach. What we have presented in the report is a hybrid approach. A large increase to start but then a smaller continuing increase. This is good compromise in terms of generating the revenue the Water Department needed without increasing the rates any more than we had to in that first year. The financial recommendation could be changed in any way the Town sees fit, this is a starting point.

Supervisor Aaron stated the Budget Department asked why the study did not include the proposed Andrews Road Water district. Mr. Camp stated Andrews Road can be added. In order to do that we would have to assume how it would be financed. The Town has applied for funding for the project, which we will not know if the Town is successful or what the amount would be, it could be up to 70% or 80% of the overall cost of the project. There have also been some informal conversations with the Village about cost sharing and there had been no traction on that. And there could be other funding programs coming with the release of Federal money.

Supervisor Aaron stated this is different than the way districts are formed. Water Districts are usually formed and paid for by the water customers within the district.

Mr. Camp stated that makes it even more complicated because the Andrews Road project would have a small-Town wide benefit, which would be reasonable to include in the plan. But it would not be reasonable to include the entire cost of the project. If you are willing to make some assumptions, it's not hard to add the Andrews Road project to the study.

Supervisor Aaron stated it would be easier to wait and see what funding the Town would get for the project. Mr. Camp stated the reasonable approach would be to wait and keep this study in a draft form.

Attorney Smith stated the Board could decide to extend a water line and it is a district extension or stand-alone district and the entire costs are funded by the people in that new district. This is different because since it is assumed the district extension would include a water tower. The water tower would have benefits outside of the district. Better flow or water pressure and, increased capacity for firefighting. With these benefits the cost could be spread out across the whole Town. But most of the benefit would be to the Andrews Road residents who would be receiving water. The right balance would have to be determined.

Councilor Dove stated the Fire Department is in favor of this project for the increased capacity and flow. It is important to all our residents to get this done.

Councilor Alexander stated that is why we have initiated the large current rate increase this year because the Village did this improvement on their end. We are paying the Village more for water because of the increased flow through the system as well. Are we looking at another large increase to our water customers without a new project or are we talking the next increase would be 3.9%, as stated in the water study?

Mr. Camp stated the water study in front of you now assumes that this is the first-rate change after the long period of constant rates.

Councilor Alexander asked if this study could be amended to include the rate increase that we established this year? The rate increase was approximately 40%.

Mr. Camp stated yes, the study could be amended to include the current rate increase. The initial recommendation of the study was to raise the rate 34%. It looks like the Town has already made that initial increase.

Councilor Legg asked about the 100 million gallons per year minimum that was in the settlement agreement with the Village. Mr. Camp stated that is in the study.

Councilor Alexander stated if we look at spreading the cost of adding the water tower across to all the current water related customers, we have to take into consideration the jump that they have had this year.

Supervisor Aaron stated the current rate increase is because of the settlement with the village and yet there are projects we have to plan for to make sure we are maintaining our system as well.

The Board asked Engineer Camp to add the current rate increase to the water study to have the exact numbers.

Mr. Camp stated currently the Town is using approximately 85,000 gallons of water per year and the 100 million gallon per year agreement with the Village is plenty to add the additional water district.

Councilor Tucker stated the Town's water usage had decreased over the past few years since the leaks in the main pipes had been repaired.

Attorney Smith stated the water rate from the Village had not been increased for 10 years and this is a necessary increase.

The Board agreed to have Engineer Camp amend the study to include the current rate increase and the Board would review the amended study.

**Water and Septic Utility Emergency and Repair Service RFP:** Supervisor Aaron stated two proposals were received for the Water and Septic Utility and Repair Service.

Engineer Robinson reported the following bids were received on March 25th :

The proposing party hereby offers to provide the Town of Skaneateles's Water and Sewer Division with emergency and repair services, on an on-call basis, as detailed by RFP#01-22 for the following prices:

**D.E. Tarolli**
**6602 Herman Road**
**Warners, NY 13164**

| ITEM | units | Rate/Cost |
|---|---|---|
| Base Crew - normal working hours * | per hour | **$781.25** |
| Base Crew - outside normal working hours * | per hour | **$1,102.50** |
| Additional Laborer | per hour | **$103.00** |
| Additional Laborer - overtime | per hour | **$132.35** |

| | | |
|---|---|---|
| Traffic Control | per hour | **$206.00** |
| | | |
| Gravel, Stone, Loam, Sand, and Concrete (if needed) | | To be picked up by Contracted vendor and billed to Town |
| | | |
| | | |

**Brillo**
**Excavating & Waste Disposal**
**Skaneateles, NY 13152**

The proposing party hereby offers to provide the Town of Skaneateles's Water and Sewer Division with emergency and repair services, on an on-call basis, as detailed by RFP#01-22 for the following prices:

| ITEM | units | Rate/Cost |
|---|---|---|
| Base Crew - normal working hours * | per hour | **$700.00** |
| Base Crew - outside normal working hours * | per hour | **$1050.00** |
| Additional Laborer | per hour | **$95.00** |
| Additional Laborer - overtime | per hour | **$142.50** |
| Traffic Control | per hour | **$95.00** |
| | | |
| Gravel, Stone, Loam, Sand, and Concrete (if needed) | | To be picked up by Contracted vendor and billed to Town |
| | | |
| Dump Truck | Per hour – normal working hours | |

Town Engineer Robinson reviewed the proposals.

Councilor Alexander recommended the Board accept the proposal from Brillo Excavating and Waste Disposal.

On a motion of Councilor Alexander, seconded by Councilor Tucker, and with unanimous (5-0) affirmation of the Town Board, the Board accepted the proposal from Brillo Excavating and Waste Disposal for the Water and Septic Utilities Emergency Repair Service.

**Lifetime Benefit Solutions – Plan Document Service Agreement:** Bookkeeper Fey stated Lifetime Benefit Solution manages the Town's employees Heath Reimbursement Accounts. We have used their service for a number of years.

On a motion of Councilor Alexander, seconded by Councilor Legg, and with unanimous (5-0) affirmation of the Town Board, the Board authorized Supervisor Aaron to sign the Lifetime Benefits Solutions Service Agreement to manage the Town employee's Health Reimbursement Account plan.

**Hemlock Woolly Adelgid Treatment – Intermunicipal Agreement with Onondaga County Soil and Water:** Councilor Alexander reported an agreement had been received from the Onondaga County Soil and Water to treat the Hemlock Woolly Adelgid on the trees at the Conservation Area. This agreement would include property adjacent to the Conservation Area that might be acquired by the Town.

Supervisor Aaron stated that no agreement had been made to acquire additional property at this time. Councilor Alexander stated this section could be amended to remove the adjacent property as stated in the agreement.

Councilor Alexander stated the price in the contract in front of the Board would go down since there would be less trees treated with this amendment. They are only treating 4 1/2 inches up the trunk of each tree. The contract stated "up to $6,000". If the additional trees are removed the cost would decrease. They would only charge for the trees that are treated in the first year. This might allow all the trees on the Town Conservation property to be treated the first year for less than the $6,000.

On a motion of Councilor Dove, seconded by Councilor Legg, and with unanimous (5-0) affirmation of the Town Board, the Board authorized the agreement with Onondaga County Soil and Water to treat the Hemlock Woolly Adelgid, with the amendment to the addendum in the agreement removing the "adjacent property" clause and only treat trees on Town of Skaneateles property to the end of the year 2022.

**Skaneateles Sunrise Rotary Club Charlie Major Nature Trail Spring Clean-up April 23rd, 9:00 a.m.-11:00 a.m.:** Councilor Legg reported the Skaneateles Sunrise Rotary is proposing trail clean up at the Charlie Major Nature Trail. This has been done for the past few years and is done

in conjunction with the Rotary International Initiative to Clean up the Lake Ontario Watershed. Clean up would be done along the trail by volunteers, The event had been supported by Sue Murphy of the Town's Parks Department. The trash would be gathered, and the Town Parks Department or Highway Department would take it to the Transfer Station. It would be held on April 23rd from 9:00a.m. to 12:00 p.m.

Supervisor Aaron stated this is a great event and she thanked Councilor Legg and the Sunrise Rotary.

**Schedule Town Board Operations Meeting**: Supervisor Aaron stated a Town Board Operations meeting would be scheduled for April 11, 2022, at 3:00 p.m. to discuss upcoming projects and funding of these projects.

On a motion of Councilor Dove, seconded by Councilor Legg, and with unanimous (5-0) affirmation of the Town Board, the Board scheduled a Town Board operation meeting for April 11, 2022, at 3:00 p.m.

**Announcements/Correspondence/Updates**

- *Farmland Protection Implementation Grants award to New York Agriculture Land Trust Marshfield Farms:* Supervisor Aaron announced the Farmland Protection Implementation Grant was awarded to the Marshfield Farms. The Town supported their application for a Conservation Easement, and this is very exciting. They thank the NYS Ag and Markets for this notification.
- *Andrea Corona Letter*: A letter was received from a Town resident regarding the winter conditions of Town roads.
- *Good Friday Hours – April 15, 2022:* Supervisor Aaron announced the following Town Department hours for Good Friday , April 15th:

  Town Hall 8:00 a.m. -12:00 p.m.
  Transfer Station 7:00 a.m. -10:30 a.m.
- *Transfer Station Shred Day – April 23rd – 9:00 a.m. -12:00 p.m.:* Supervisor Aaron announce the Town would be holding a Shred Day on April 23, 2022, at the Transfer station from 9:00 a.m. to 12:00 p.m.
- *Swap Shop Opening – April 23rd :* Supervisor Aaron announced the Swap Shop would be opening on April 23rd for the season at the Transfer Station in a new location.

**Public Comment:** No public comments.

**Abstract #22-01:** On a motion of Councilor Legg, seconded by Councilor Dove and with unanimous (5-0) affirmation of the Town Board vouchers #22-0368 - #22-0416 were authorized from the following funds:

| | | | |
|---|---|---|---|
| General Fund: | $ 16,478.21 | Highway: | $ 1,986.23 |
| Water: | $ 2,058.56 | Part Town | $ 236.45 |
| Hwy Part Town | $ 1,986.23 | Fire District | $263,300.00 |
| T& A | $ 910.00 | Lighting | $ 334.07 |
| **TOTAL:** | **$285,303.52** | | |

**Budget Amendments:** No Budget Amendments

On a motion of Councilor Legg, seconded by Councilor Dove and with unanimous (5-0) affirmation of the Town Board the meeting was adjourned at 7:50 p.m.

Respectfully Submitted,

Julie A. Stenger
Town Clerk

# TOWN OF SKANEATELES
# ONONDAGA COUNTY, NEW YORK

# WATER DEPARTMENT
# RATE STUDY

APRIL 1, 2022
Revised April 7, 2022

TOWN OF
SKANEATELES

C&S COMPANIES®

TOWN OF SKANEATELES
ONONDAGA COUNTY, NEW YORK

# WATER DEPARTMENT
# RATE STUDY

April 1, 2022
Revised April 7, 2022


C&S ENGINEERS, INC.
499 COL. EILEEN COLLINS BLVD.
SYRACUSE, N.Y. 13212
C&S PROJECT NO. 170.033.002

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## 1.0 Executive Summary

This study has been prepared to calculate and recommend charges for water consumption by the Town's water customers.

The bulk water purchase rate that the Village of Skaneateles charges the Town has not been changed for a number of years. However, the Town and Village have completed negotiations to create a long term rate schedule which increased bulk water purchase rates each year for at least 15 years into the future. Therefore, the Town has determined that a study is necessary to calculate future rates that will be charged to the Town's water customers in order to keep pace with the Village rate increases and other operational needs of the Town water department.

The cost components included in this analysis are: Bulk Water Purchase, Operating and Maintenance Budget, Operational and Capital Reserve Funds, and Future Capital Projects and Bond Service Costs.

Since the service of annual bond payments is a major driver of customer rates and annual rate increases, we have calculated two scenarios for the timing of the construction of the capital projects described above. The first scenario would construct all projects within a 24 year period (beginning 2022). The second scenario would construct all projects within a 10 year period.

The annual operating expenses, revenue and percentage rate increase for a 20 year period are presented on the table below for each scenario.

| **Scenario 1** | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| **Year** | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 |
| **Total Revenue Requirement ($)** | $517,900 | $457,700 | $488,100 | $500,200 | $531,500 | $544,100 | $593,600 | $606,900 | $669,700 | $683,700 |
| **Total Revenue From Customers ($)** | $554,000 | $571,500 | $588,800 | $606,700 | $625,200 | $644,200 | $663,900 | $684,200 | $705,200 | $554,000 |
| Annual Rate Increase | 45.0% | 3.1% | 3.1% | 3.1% | 3.1% | 3.1% | 3.1% | 3.1% | 3.1% | 3.1% |

| **Scenario 1** | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| **Year** | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 | 2041 |
| **Total Revenue Requirement ($)** | $748,300 | $763,100 | $778,200 | $793,800 | $816,600 | $833,000 | $849,600 | $892,800 | $910,500 | $928,400 |
| **Total Revenue From Customers ($)** | $726,900 | $749,200 | $772,300 | $796,200 | $820,800 | $846,200 | $872,500 | $899,600 | $927,500 | $956,400 |
| Annual Rate Increase | 3.1% | 3.1% | 3.1% | 3.1% | 3.1% | 3.1% | 3.1% | 3.1% | 3.1% | 3.1% |

| Scenario 2 | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| **Year** | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 |
| **Total Revenue Requirement ($)** | $517,900 | $461,200 | $507,000 | $555,300 | $617,000 | $679,900 | $700,300 | $739,700 | $761,200 | $802,400 |
| **Total Revenue From Customers ($)** | $554,000 | $579,200 | $604,800 | $631,700 | $659,800 | $689,200 | $720,100 | $752,400 | $786,300 | $821,700 |
| Annual Rate Increase | 45.0% | 4.6% | 4.6% | 4.6% | 4.6% | 4.6% | 4.6% | 4.6% | 4.6% | 4.6% |

| Scenario 2 | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| **Year** | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 | 2041 |
| **Total Revenue Requirement ($)** | $872,200 | $887,000 | $902,100 | $917,700 | $933,300 | $949,700 | $966,300 | $983,400 | $1,001,100 | $1,019,000 |
| **Total Revenue From Customers ($)** | $858,900 | $897,800 | $938,500 | $981,300 | $1,026,000 | $1,072,800 | $1,121,900 | $1,173,400 | $1,227,200 | $1,283,700 |
| Annual Rate Increase | 4.6% | 4.6% | 4.6% | 4.6% | 4.6% | 4.6% | 4.6% | 4.6% | 4.6% | 4.6% |

## 2.0 Purpose

This study has been prepared to calculate and recommend charges for water consumption by the Town's water customers with the following defining assumptions:

- The Town's water utility will be financially self-supporting.
- The cost of operating and maintaining the water system will be supported by the water fees and charges collected from customers with no support or subsidy from other Town revenues.
- The Town's water rates will be sufficient to ensure the funding of an appropriate level of system rehabilitation and replacement.
- The Town will continually reinvest in the water system to replace assets as they reach the end of their useful lives.
- The Town will maintain financial reserves to provide for contingencies and unplanned expenses.
- Water rates shall be kept as low as possible over time. However, even though it is possible to keep rates low for a period of time by not investing sufficiently in the maintenance of the water system, eventually the system will deteriorate and require substantial investments leading to the need for significant and immediate rate increases. Therefore this is not a recommended strategy.

## 2.1 Background

The Town of Skaneateles water system serves a population of approximately 3,400 through approximately 1,000 customer connections. The Town purchases bulk water from the Village of Skaneateles, who also provides water storage and disinfection prior to the water's entry into the Town's distribution system.

The bulk water purchase rate that the Village charges the Town has not been changed for a number of years, but the Town and Village recently concluded negotiations to create a long term rate schedule which increased bulk water purchase rates each year for at least 15 years into the future.

The Town has determined that a study is necessary to calculate future rates that will be charged to the Town's water customers in order to keep pace with the recent Village rate increases and other operational needs of the Town water department.

## 3.0 Operational Budget

The first step of a rate study is to compile the costs of owning and operating the water utility system. The cost components included in this analysis are: Bulk Water Purchase, Operating and Maintenance Budget, Operational and Capital Reserve Funds, and Future Capital Projects and Bond Service Costs. In each scenario, these four cost components total to the amount needed each year to run the water system.

## 3.1 Bulk Water Purchase

The Town purchases bulk water from the Village of Skaneateles. The historic volumes of water purchased are shown in the chart below.

| Year | 2016 | 2017 | 2018 | 2019 | 2020 | Average (2018 – 2020) |
|---|---|---|---|---|---|---|
| Water Purchased (gallons) | 116,436,036 | 108,643,566 | 92,309,446 | 85,068,988 | 83,041,105 | 86,807,000 |
| Water Consumed by Town Customers (gallons) | 79,910,015 | 83,999,230 | 85,344,865 | 72,066,510 | 77,912,994 | 78,441,000 |
| Lost and Unaccounted for Water (gallons) | 36,526,021 | 24,644,336 | 6,964,581 | 13,002,478 | 5,128,000 | 8,366,000 |
| Lost and Unaccounted for Water (%) | 31% | 23% | 8% | 15% | 6% | 10% |

The bulk water purchased is measured by master meters as the water enters the Town from the Village at various locations. The water consumed by customers is a sum of all individual meter readings collected throughout the year and each customer's meter. Lost and unaccounted (LUA) for water is the difference between the two totals (Bulk Purchased – Consumed by Customers). Lost and unaccounted for water is attributed mostly to leaks but is also water used for water main flushing and firefighting.

The Town replaced a pipeline during 2016 – 2017 that appears to have significantly reduced leakage and thus LUA water. Therefore this study will use the average of LUA from 2018 through 2020 as a basis for calculating future LUA quantities.

Bulk water purchase rates from the Village of Skaneateles have been set at $1.43 per thousand gallon for the past 10 years. The Town recently concluded negotiations with the Village to set a new rate schedule for the next 15 years. A rate schedule is used at the basis for calculating the cost of bulk water purchase in the future. This rate schedule is shown on the table below.

| Year | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 |
|---|---|---|---|---|---|---|---|---|---|---|
| $ / kgal | 1.930 | 1.930 | 1.978 | 2.028 | 2.078 | 2.130 | 2.184 | 2.238 | 2.294 | 3.352 |

| Year | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 | 2041 |
|---|---|---|---|---|---|---|---|---|---|---|
| $ / kgal | 2.410 | 2.471 | 2.532 | 2.596 | 2.661 | 2.272 | 2.795 | 2.865 | 2.937 | 3.010 |

For the purpose of projecting future Town-customer demands, we have assumed the amount of customer consumed water (demand) will grow by 0.2% per year. However, the Town is obligated, under the agreement that established the new rate schedule, to purchase a minimum of 100 million gallons of water per year regardless of the actual amount of water consumed if the amount consumed is less than 100 million gallons.

Based on the above, and using the amount of water consumed in 2020 as a baseline quantity for the amount of water consumed in 2022 the following bulk water purchase costs have been projected for a 20 year period.

| Year | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 |
|---|---|---|---|---|---|---|---|---|---|---|
| Bulk Purchase Cost | $193,000 | $193,000 | $197,800 | $202,800 | $207,800 | $213,000 | $218,400 | $223,800 | $229,400 | $235,200 |

| Year | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 | 2041 |
|---|---|---|---|---|---|---|---|---|---|---|
| Bulk Purchase Cost | $241,000 | $247,100 | $253,200 | $259,600 | $266,100 | $272,700 | $279,500 | $286,500 | $293,700 | $301,000 |

## 3.2 Operations and Maintenance Budget

The Town Water Department provided a breakdown of operations and maintenance costs (O&M) for the years 2016 through 2020. Those costs are presented in the table below.

| | 2016 | 2017 | 2018 | 2019 | 2020 | Average |
|---|---|---|---|---|---|---|
| Administration ($) | $5,807 | $3,492 | $5,358 | $5,955 | $5,312 | $5,000 |
| Benefits ($) | $53,191 | $37,823 | $35,609 | $30,487 | $36,567 | $73,000 * |
| Salaries ($) | $72,607 | $61,758 | $58,016 | $74,177 | $67,804 | $146,000 * |
| Information Technology (IT) ($) | $10,668 | $4,809 | $4,717 | $995 | $995 | $4,000 |
| Fuel ($) | $1,671 | $2,230 | $2,225 | $2,320 | $1,518 | $2,000 |
| Water Testing and Sampling ($) | $1,258 | $1,417 | $1,198 | $1,229 | $1,880 | $1,000 |
| Materials and Supplies ($) | $14,541 | $7,718 | $17,234 | $25,255 | $26,654 | $18,000 |
| Equipment Maintenance and Repair ($) | $1,130 | $1,009 | $6,157 | $1,824 | $722 | $2,000 |
| Equipment ($) | $10,480 | $66,482 | $8,240 | $- | $- | $17,000 |
| Engineering ($) | $585 | $- | $2,505 | $1,950 | $- | $1,000 |
| Total Operating Expenses ($) | $171,938 | $186,738 | $141,259 | $144,192 | $141,453 | $270,000 |

* Benefits and Salaries adjusted due to 2022 increase reported by Town staff.

For the purpose of projecting future operations and maintenance cost, we have assumed the costs will increase by the following percentages per year.

| | |
|---|---|
| Administration, Information Technology, Equipment, Water Sampling and Testing, Maintenance and Repairs | 3.0% |
| Salaries and Benefits | 2.5% |
| Materials and Supplies | 2.0% |
| Fuel | 1.0% |

Based on the above, and using the average cost of operations and maintenance as a baseline quantity for the operations and maintenance cost in 2022 the following O&M costs have been projected for a 20 year period.

| | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 |
|---|---|---|---|---|---|---|---|---|---|---|
| Administration ($) | $5,000 | $5,200 | $5,400 | $5,600 | $5,800 | $6,000 | $6,200 | $6,400 | $6,600 | $6,800 |
| Benefits ($) | $73,000 | $74,800 | $76,700 | $78,600 | $80,600 | $82,600 | $84,700 | $86,800 | $89,000 | $91,200 |
| Salaries ($) | $146,000 | $149,700 | $153,400 | $157,200 | $161,100 | $165,100 | $169,200 | $173,400 | $177,700 | $182,100 |
| Information Technology (IT) ($) | $4,000 | $4,100 | $4,200 | $4,300 | $4,400 | $4,500 | $4,600 | $4,700 | $4,800 | $4,900 |
| Fuel ($) | $2,000 | $2,000 | $2,000 | $2,000 | $2,000 | $2,000 | $2,000 | $2,000 | $2,000 | $2,000 |
| Water Testing and Sampling ($) | $1,000 | $1,000 | $1,000 | $1,000 | $1,000 | $1,000 | $1,000 | $1,000 | $1,000 | $1,000 |
| Materials and Supplies ($) | $19,000 | $19,600 | $20,200 | $20,800 | $21,400 | $22,000 | $22,700 | $23,400 | $24,100 | $24,800 |
| Equipment Maintenance and Repair ($) | $2,000 | $2,100 | $2,200 | $2,300 | $2,400 | $2,500 | $2,600 | $2,700 | $2,800 | $2,900 |
| Equipment ($) | $17,000 | $17,300 | $17,600 | $18,000 | $18,400 | $18,800 | $19,200 | $19,600 | $20,000 | $20,400 |
| Engineering ($) | $1,000 | $1,000 | $1,000 | $1,000 | $1,000 | $1,000 | $1,000 | $1,000 | $1,000 | $1,000 |
| Total Operating Expenses ($) | $270,000 | $276,800 | $283,700 | $290,800 | $298,100 | $305,500 | $313,200 | $321,000 | $329,000 | $337,100 |

| | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 | 2041 |
|---|---|---|---|---|---|---|---|---|---|---|
| Administration ($) | $7,000 | $7,200 | $7,400 | $7,600 | $7,800 | $8,000 | $8,200 | $8,400 | $8,700 | $9,000 |
| Benefits ($) | $93,500 | $95,800 | $98,200 | $100,700 | $103,200 | $105,800 | $108,400 | $111,100 | $113,900 | $116,700 |
| Salaries ($) | $186,700 | $191,400 | $196,200 | $201,100 | $206,100 | $211,300 | $216,600 | $222,000 | $227,600 | $233,300 |
| Information Technology (IT) ($) | $5,000 | $5,200 | $5,400 | $5,600 | $5,800 | $6,000 | $6,200 | $6,400 | $6,600 | $6,800 |
| Fuel ($) | $2,000 | $2,000 | $2,000 | $2,000 | $2,000 | $2,000 | $2,000 | $2,000 | $2,000 | $2,000 |
| Water Testing and Sampling ($) | $1,000 | $1,000 | $1,000 | $1,000 | $1,000 | $1,000 | $1,000 | $1,000 | $1,000 | $1,000 |
| Materials and Supplies ($) | $25,500 | $26,300 | $27,100 | $27,900 | $28,700 | $29,600 | $30,500 | $31,400 | $32,300 | $33,300 |
| Equipment Maintenance and Repair ($) | $3,000 | $3,100 | $3,200 | $3,300 | $3,400 | $3,500 | $3,600 | $3,700 | $3,800 | $3,900 |
| Equipment ($) | $20,800 | $21,200 | $21,600 | $22,000 | $22,400 | $22,800 | $23,300 | $23,800 | $24,300 | $24,800 |
| Engineering ($) | $1,000 | $1,000 | $1,000 | $1,000 | $1,000 | $1,000 | $1,000 | $1,000 | $1,000 | $1,000 |
| Total Operating Expenses ($) | $345,500 | $354,200 | $363,100 | $372,200 | $381,400 | $391,000 | $400,800 | $410,800 | $421,200 | $431,800 |

## 3.3 Operating and Capital Reserves

We recommend the Town develop a policy regarding an Operating Reserve fund and a Capital Reserve fund.

Operating Reserve – It is recommended that the minimum operating reserve balance should be 90 days of annual Operating and Maintenance (O&M) expenses each year. This reserve allows for continued operations and department self-sufficiency in the event that collections from monthly or quarterly customer bills are slow in any given month and assumes that the reserve will be replenished by collections by the end of each year. This fund will increase accordingly as O&M expenses increase each year in the future. The Town currently carries a reserve of approximately $13,000.00.

Assuming a baseline amount of the current reserve money on hand and based on the O&M costs presented in the section above, the additional funds required to maintain the Operating Reserve would be as follows.

| Year | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 |
|---|---|---|---|---|---|---|---|---|---|---|
| Reserve Amount ($) | $53,600 | $1,700 | $1,700 | $1,700 | $1,800 | $1,800 | $1,900 | $2,000 | $1,900 | $2,000 |

| Year | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 | 2041 |
|---|---|---|---|---|---|---|---|---|---|---|
| Reserve Amount ($) | $2,100 | $2,100 | $2,200 | $2,300 | $2,200 | $2,400 | $2,400 | $2,500 | $2,600 | $2,600 |

Capital Reserve – Municipal utilities can reduce the amount of future rate increases and build a fund for future capital projects by reserving the funds collected from customer billing that exceeds the annual operating costs of the utility rather than comingling that money into the Town's general fund. The Town does not currently have a formal Capital Reserve fund. We recommend that the Town establish a Capital Reserve. The impact of the capital reserve will be shown after the discussion of future capital projects below.

## 3.4 Future Capital Projects and Bond Service Costs

The Town Water Department has provided a list of future capital improvement projects required in the Town's water distribution system. That lists included estimated project costs, prioritization and a general timeframe in which each project should be constructed.

The list of future capital projects are shown on the table below.

| Priority | Project General Location | Present Cost | Time Frame |
|---|---|---|---|
| 1 | Jordan Road PRV | $30,000 | Current |
| 2 | Creek Crossing at Maple | $75,000 | 5 |
| 3 | Jewett Road | $400,000 | 5 |
| 4 | State Street | $750,000 | 5 |
| 5 | O'Neill Lane North | $20,000 | 2 |
| 6 | Phillips Street | $1,000,000 | 5 |
| 7 | Mottville Road and Route 321 | $1,000,000 | 5 |
| 8 | School Street | $500,000 | 15 |
| 9 | Miller Street and Railroad Street | $1,000,000 | 15 |

| Priority | Project General Location | Present Cost | Time Frame |
|---|---|---|---|
| 10 | Church Street | $140,000 | 5 |
| 11 | Sheldon Road | $500,000 | 10 |
| 12 | O'Neill Lane South | $150,000 | 10 |

It is assumed that all projects over $20,000 will be paid for by the proceeds of municipal bond sales and that the term of the bonds will be 30 years. Bond rates will vary over time but for the purpose of this study we have assumed that the rate for a 30 year bond for an AA rated community (the Town's current rating) will be approximately 2.0%.

Since the service of annual bond payments is a major driver of customer rates and annual rate increases, we have calculated two scenarios for the timing of the construction of the capital projects described above. The first scenario would construct all projects within a 24 year period (beginning 2022). The second scenario would construct all projects within a 10 year period.

The year each project would begin construction in each scenario is shown in the table below.

| Priority | | Scenario 1 Year | Scenario 2 Year |
|---|---|---|---|
| 1 | Jordan Road PRV | 2022 | 2022 |
| 2 | Creek Crossing at Maple | 2024 | 2023 |
| 3 | Jewett Road | 2026 | 2024 |
| 4 | State Street | 2028 | 2025 |
| 5 | O'Neill Lane North | 2023 | 2023 |
| 6 | Phillips Street | 2030 | 2026 |
| 7 | Mottville Road and Route 321 | 2032 | 2027 |
| 8 | School Street | 2044 | 2031 |
| 9 | Miller Street and Railroad Street | 2046 | 2032 |
| 10 | Church Street | 2036 | 2028 |
| 11 | Sheldon Road | 2039 | 2029 |
| 12 | O'Neill Lane South | 2042 | 2030 |

The amortization schedule for a 20 year period for all projects in each scenario are shown in the tables below.

Scenario 1

| | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 |
|---|---|---|---|---|---|---|---|---|---|---|
| Annual Bond Service Payment ($) | $1,300 | $22,300 | $4,900 | $4,900 | $23,800 | $23,800 | $60,100 | $60,100 | $109,400 | $109,400 |

| Year | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 | 2041 |
|---|---|---|---|---|---|---|---|---|---|---|
| Annual Bond Service Payment ($) | $159,700 | $159,700 | $159,700 | $159,700 | $166,900 | $166,900 | $166,900 | $193,000 | $193,000 | $193,000 |

Scenario 2

| Year | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 |
|---|---|---|---|---|---|---|---|---|---|---|
| Annual Bond Service Payment ($) | $1,300 | $25,800 | $23,800 | $60,000 | $109,300 | $159,600 | $166,800 | $192,900 | $200,900 | $228,100 |

| Year | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 | 2041 |
|---|---|---|---|---|---|---|---|---|---|---|
| Annual Bond Service Payment ($) | $283,600 | $283,600 | $283,600 | $283,600 | $283,600 | $283,600 | $283,600 | $283,600 | $283,600 | $283,600 |

## 3.5 Total Operational Budget

A summation of all the operational budget costs is presented on the table below.

Scenario 1

| Year | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 |
|---|---|---|---|---|---|---|---|---|---|---|
| Annual Operational Budget($) | $517,900 | $493,700 | $488,100 | $500,200 | $531,500 | $544,100 | $593,600 | $606,900 | $669,700 | $683,700 |

| Year | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 | 2041 |
|---|---|---|---|---|---|---|---|---|---|---|
| Annual Operational Budget($) | $748,300 | $763,100 | $778,200 | $793,800 | $816,600 | $833,000 | $849,600 | $892,800 | $910,500 | $928,400 |

Scenario2

| Year | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 |
|---|---|---|---|---|---|---|---|---|---|---|
| Annual Operational Budget($) | $517,900 | $497,200 | $507,000 | $555,300 | $617,000 | $679,900 | $700,300 | $739,700 | $761,200 | $802,400 |

| Year | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 | 2041 |
|---|---|---|---|---|---|---|---|---|---|---|
| Annual Operational Budget($) | $872,200 | $887,000 | $902,100 | $917,700 | $933,300 | $949,700 | $966,300 | $983,400 | $1,001,100 | $1,019,000 |

## 4.0 Customer Revenue

The Town has a current system by which customers are charged for the water they consume. The current rates (as of 2021) and rate structure is as follows.

| Residential Charges | |
|---|---|
| Basic Quarterly Meter Charge($) | $31.30 |
| First Tier Quantity (gallons) | 5,000 |
| First Tier Charge ($/ kgal) | $1.07 |
| Second Tier Quantity (gallons) | All water greater than 5,000 gallons. |
| Second Tier Charge ($ / kgal) | $4.26 |
| | |
| Commercial Rate ($ / kgal) | $4.26 |
| Special Dairy Rate ($ / kgal) | $3.65 |
| | |
| Inside Trailer Fee (unmetered customer) ($ / quarter) | $67.95 |
| Outside Trailer Fee (unmetered customer) ($ / quarter) | $87.95 |

Commercial and dairy customers are not charged a basic meter fee and do not have a tiered charge system (i.e. they pay one rate regardless of the quantity of water they use).

The break out of consumption versus revenue for the years 2019 and 2020 is as follows.

| Account Type | Account Type | 2019 Revenue | 2019 % of Revenue | 2019 Consumption | 2019 % of Consumption | 2020 Revenue | 2020 % of Revenue | 2020 Consumption | 2020 % of Consumption |
|---|---|---|---|---|---|---|---|---|---|
| 1 | Quarterly Residential | $215,047 | 57.8% | 35,033,970 | 48.7% | $234,141 | 59.3% | 39,710,584 | 51.1% |
| 2 | Commercial | $45,396 | 12.2% | 10,656,250 | 14.8% | $42,803 | 10.8% | 10,047,700 | 12.9% |
| 3 | Monthly Residential | $44,619 | 12.0% | 9,742,810 | 13.5% | $50,474 | 12.8% | 11,092,980 | 14.3% |
| 7 | Dairy Farmers | $47,488 | 12.8% | 13,010,380 | 18.1% | $50,803 | 12.9% | 13,918,620 | 17.9% |
| 8 | Unmetered Trailers | $3,262 | 0.9% | 0 | 0.0% | $3,262 | 0.8% | 0 | 0.0% |
| 9 | Unmetered Trailers | $352 | 0.1% | 0 | 0.0% | $352 | 0.1% | 0 | 0.0% |
| 13 | Monthly Mixed | $2,388 | 0.6% | 571,830 | 0.8% | $1,741 | 0.4% | 421,290 | 0.5% |
| 15 | Quarterly Residential 2 Units | $2,868 | 0.8% | 634,150 | 0.9% | $2,868 | 0.7% | 647,860 | 0.8% |
| 16 | Quarterly Residential 3 Units | $811 | 0.2% | 212,490 | 0.3% | $912 | 0.2% | 225,880 | 0.3% |
| 17 | Quarterly Residential 4 Units | $371 | 0.1% | 117,690 | 0.2% | $422 | 0.1% | 128,860 | 0.2% |
| 19 | Quarterly Residential 6 Units | $155 | 0.0% | 27,750 | 0.0% | $151 | 0.0% | 24,480 | 0.0% |
| 20 | Quarterly Residential 7 Units | $691 | 0.2% | 235,830 | 0.3% | $1,034 | 0.3% | 318,260 | 0.4% |
| 21 | Quarterly Residential 5 Units | $126 | 0.0% | 730 | 0.0% | $125 | 0.0% | 0 | 0.0% |
| 22 | Quarterly Mixed | $7,202 | 1.9% | 1,606,030 | 2.2% | $4,953 | 1.3% | 1,073,750 | 1.4% |
| 23 | Monthly Mixed | $942 | 0.3% | 76,190 | 0.1% | $920 | 0.2% | 75,910 | 0.1% |
| 24 | Quarterly Mixed | $159 | 0.0% | 31,480 | 0.0% | $159 | 0.0% | 30,500 | 0.0% |
| Totals | | $371,877 | 100% | 71,957,580 | 100% | $395,120 | 100% | 77,716,674 | 100% |

The table above demonstrates that the ratio of consumption to revenue is approximately balanced with a small preference shown to farmers.

Based on the current rate structure, annual increases were calculated to create a self-sustaining budget for the water department for each of the capital improvement scenarios described in the section above. Those rate increase for a 20 year period are presented on the table below.

Scenario 1

| Year | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Rate Increase | | 45.0% | 3.1% | 3.1% | 3.1% | 3.1% | 3.1% | 3.1% | 3.1% | 3.1% | 3.1% |
| Basic Quarterly Meter Charge($) | $31.30 | $45.39 | $46.79 | $48.24 | $49.74 | $51.28 | $52.87 | $54.51 | $56.20 | $57.94 | $59.74 |
| First Tier Charge ($/ kgal) | $1.07 | $1.552 | $1.600 | $1.649 | $1.700 | $1.753 | $1.807 | $1.863 | $1.921 | $1.981 | $2.042 |
| Second Tier Charge ($ / kgal) | $4.26 | $6.177 | $6.368 | $6.566 | $6.769 | $6.979 | $7.196 | $7.419 | $7.649 | $7.886 | $8.130 |
| | | | | | | | | | | | |
| Commercial Rate ($ / kgal) | $4.26 | $6.177 | $6.368 | $6.566 | $6.769 | $6.979 | $7.196 | $7.419 | $7.649 | $7.886 | $8.130 |
| Special Dairy Rate ($ / kgal) | $3.65 | $5.293 | $5.457 | $5.626 | $5.800 | $5.980 | $6.165 | $6.356 | $6.553 | $6.757 | $6.966 |
| | | | | | | | | | | | |
| Inside Trailer Fee (unmetered customer) ($ / quarter) | $67.95 | $98.53 | $101.58 | $104.73 | $107.98 | $111.32 | $114.78 | $118.33 | $122.00 | $125.78 | $129.68 |
| Outside Trailer Fee (unmetered customer) ($ / quarter) | $87.95 | $127.53 | $131.48 | $135.56 | $139.76 | $144.09 | $148.56 | $153.16 | $157.91 | $162.81 | $167.85 |

| Year | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 | 2041 |
|---|---|---|---|---|---|---|---|---|---|---|
| Rate Increase | 3.1% | 3.1% | 3.1% | 3.1% | 3.1% | 3.1% | 3.1% | 3.1% | 3.1% | 3.1% |
| Basic Quarterly Meter Charge($) | $61.59 | $63.50 | $65.47 | $67.50 | $69.59 | $71.75 | $73.97 | $76.26 | $78.63 | $81.06 |
| First Tier Charge ($/ kgal) | $2.105 | $2.171 | $2.238 | $2.307 | $2.379 | $2.453 | $2.529 | $2.607 | $2.688 | $2.771 |
| Second Tier Charge ($ / kgal) | $8.382 | $8.642 | $8.910 | $9.186 | $9.471 | $9.765 | $10.067 | $10.379 | $10.701 | $11.033 |
| | | | | | | | | | | |
| Commercial Rate ($ / kgal) | $8.382 | $8.642 | $8.910 | $9.186 | $9.471 | $9.765 | $10.067 | $10.379 | $10.701 | $11.033 |
| Special Dairy Rate ($ / kgal) | $7.182 | $7.405 | $7.634 | $7.871 | $8.115 | $8.366 | $8.626 | $8.893 | $9.169 | $9.453 |
| | | | | | | | | | | |
| Inside Trailer Fee (unmetered customer) ($ / quarter) | $133.70 | $137.85 | $142.12 | $146.53 | $151.07 | $155.75 | $160.58 | $165.56 | $170.69 | $175.98 |
| Outside Trailer Fee (unmetered customer) ($ / quarter) | $173.06 | $178.42 | $183.95 | $189.66 | $195.54 | $201.60 | $207.85 | $214.29 | $220.93 | $227.78 |

Scenario 2

| Year | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Rate Increase | | 45.0% | 4.6% | 4.6% | 4.6% | 4.6% | 4.6% | 4.6% | 4.6% | 4.6% | 4.6% |
| Basic Quarterly Meter Charge($) | $31.30 | $45.39 | $47.47 | $49.66 | $51.94 | $54.33 | $56.83 | $59.44 | $62.18 | $65.04 | $68.03 |
| First Tier Charge ($/ kgal) | $1.07 | $1.552 | $1.623 | $1.698 | $1.776 | $1.857 | $1.943 | $2.032 | $2.126 | $2.223 | $2.326 |
| Second Tier Charge ($ / kgal) | $4.26 | $6.177 | $6.461 | $6.758 | $7.069 | $7.394 | $7.735 | $8.090 | $8.463 | $8.852 | $9.259 |
| | | | | | | | | | | | |
| Commercial Rate ($ / kgal) | $4.26 | $6.177 | $6.461 | $6.758 | $7.069 | $7.394 | $7.735 | $8.090 | $8.463 | $8.852 | $9.259 |
| Special Dairy Rate ($ / kgal) | $3.65 | $5.293 | $5.536 | $5.791 | $6.057 | $6.336 | $6.627 | $6.932 | $7.251 | $7.584 | $7.933 |
| | | | | | | | | | | | |
| Inside Trailer Fee (unmetered customer) ($ / quarter) | $67.95 | $98.53 | $103.06 | $107.80 | $112.76 | $117.95 | $123.37 | $129.05 | $134.98 | $141.19 | $147.69 |
| Outside Trailer Fee (unmetered customer) ($ / quarter) | $87.95 | $127.53 | $133.39 | $139.53 | $145.95 | $152.66 | $159.68 | $167.03 | $174.71 | $182.75 | $191.16 |

| Year | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 | 2041 |
|---|---|---|---|---|---|---|---|---|---|---|
| Rate Increase | 4.6% | 4.6% | 4.6% | 4.6% | 4.6% | 4.6% | 4.6% | 4.6% | 4.6% | 4.6% |
| Basic Quarterly Meter Charge($) | $71.16 | $74.43 | $77.86 | $81.44 | $85.18 | $89.10 | $93.20 | $97.49 | $101.97 | $106.66 |
| First Tier Charge ($/ kgal) | $2.433 | $2.544 | $2.662 | $2.784 | $2.912 | $3.046 | $3.186 | $3.333 | $3.486 | $3.646 |
| Second Tier Charge ($ / kgal) | $9.685 | $10.130 | $10.596 | $11.084 | $11.594 | $12.127 | $12.685 | $13.268 | $13.879 | $14.517 |
| | | | | | | | | | | |
| Commercial Rate ($ / kgal) | $9.685 | $10.130 | $10.596 | $11.084 | $11.594 | $12.127 | $12.685 | $13.268 | $13.879 | $14.517 |
| Special Dairy Rate ($ / kgal) | $8.298 | $8.680 | $9.079 | $9.497 | $9.934 | $10.390 | $10.868 | $11.368 | $11.891 | $12.438 |
| | | | | | | | | | | |
| Inside Trailer Fee (unmetered customer) ($ / quarter) | $154.48 | $161.59 | $169.02 | $176.79 | $184.93 | $193.43 | $202.33 | $211.64 | $221.37 | $231.56 |
| Outside Trailer Fee (unmetered customer) ($ / quarter) | $199.95 | $209.15 | $218.77 | $228.83 | $239.36 | $250.37 | $261.89 | $273.93 | $286.53 | $299.71 |

## 5.0 Full Expense and Revenue Summary

Charts presenting the full summary of the all operating expenses and revenues for both capital improvements scenarios are presented on the tables that follow.

| Scenario 1 | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| **Year** | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 |
| **Water Purchase** | | | | | | | | | | |
| Water Consumed (kgal) | 77,717 | 77,873 | 78,028 | 78,184 | 78,341 | 78,498 | 78,654 | 78,812 | 78,969 | 79,127 |
| Consumption Growth at 0.2%(kgal) | | | | | | | | | | |
| LOA Water (@10%) | 7,772 | 7,787 | 7,803 | 7,818 | 7,834 | 7,850 | 7,865 | 7,881 | 7,897 | 7,913 |
| Total Water Consumed (kgal) | 85,489 | 85,660 | 85,831 | 86,003 | 86,175 | 86,347 | 86,520 | 86,693 | 86,866 | 87,040 |
| Total Water Purchased (kgal) | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 |
| Bulk Purchase Cost ($/kgal) | $1.930 | $1.930 | $1.978 | $2.028 | $2.078 | $2.130 | $2.184 | $2.238 | $2.294 | $2.352 |
| **Total Bulk Water Cost ($)** | $193,000 | $193,000 | $197,800 | $202,800 | $207,800 | $213,000 | $218,400 | $223,800 | $229,400 | $235,200 |
| | | | | | | | | | | |
| **Operating Expenses** | | | | | | | | | | |
| Administration ($) | $5,000 | $5,200 | $5,400 | $5,600 | $5,800 | $6,000 | $6,200 | $6,400 | $6,600 | $6,800 |
| Benefits ($) | $73,000 | $74,800 | $76,700 | $78,600 | $80,600 | $82,600 | $84,700 | $86,800 | $89,000 | $91,200 |
| Salaries ($) | $146,000 | $149,700 | $153,400 | $157,200 | $161,100 | $165,100 | $169,200 | $173,400 | $177,700 | $182,100 |
| Information Technology (IT) ($) | $4,000 | $4,100 | $4,200 | $4,300 | $4,400 | $4,500 | $4,600 | $4,700 | $4,800 | $4,900 |
| Fuel ($) | $2,000 | $2,000 | $2,000 | $2,000 | $2,000 | $2,000 | $2,000 | $2,000 | $2,000 | $2,000 |
| Water Testing and Sampling ($) | $1,000 | $1,000 | $1,000 | $1,000 | $1,000 | $1,000 | $1,000 | $1,000 | $1,000 | $1,000 |
| Materials and Supplies ($) | $19,000 | $19,600 | $20,200 | $20,800 | $21,400 | $22,000 | $22,700 | $23,400 | $24,100 | $24,800 |
| Equipment Maintenance and Repair ($) | $2,000 | $2,100 | $2,200 | $2,300 | $2,400 | $2,500 | $2,600 | $2,700 | $2,800 | $2,900 |
| Equipment ($) | $17,000 | $17,300 | $17,600 | $18,000 | $18,400 | $18,800 | $19,200 | $19,600 | $20,000 | $20,400 |
| Engineering ($) | $1,000 | $1,000 | $1,000 | $1,000 | $1,000 | $1,000 | $1,000 | $1,000 | $1,000 | $1,000 |
| **Total Operating Expenses ($)** | $270,000 | $276,800 | $283,700 | $290,800 | $298,100 | $305,500 | $313,200 | $321,000 | $329,000 | $337,100 |
| | | | | | | | | | | |
| **Operating Reserve** | | | | | | | | | | |
| Current Reserve ($) | $13,000 | $66,600 | $68,300 | $70,000 | $71,700 | $73,500 | $75,300 | $77,200 | $79,200 | $81,100 |
| Reserve Period (days per year) | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 |
| Reserve Amount Required ($) | $66,600 | $68,300 | $70,000 | $71,700 | $73,500 | $75,300 | $77,200 | $79,200 | $81,100 | $83,100 |
| **Reserve Deficit ($)** | $53,600 | $1,700 | $1,700 | $1,700 | $1,800 | $1,800 | $1,900 | $2,000 | $1,900 | $2,000 |
| | | | | | | | | | | |
| **Capital Reserve ($)** | | $(36,100) | $(113,800) | $(100,700) | $(106,500) | $(93,700) | $(100,100) | $(70,300) | $(77,300) | $(35,500) |
| | | | | | | | | | | |
| **Bond Service Payments on Capital Projects ($)** | $1,300 | $22,300 | $4,900 | $4,900 | $23,800 | $23,800 | $60,100 | $60,100 | $109,400 | $109,400 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| **Total Revenue Requirement ($)** | $517,900 | $457,700 | $488,100 | $500,200 | $531,500 | $544,100 | $593,600 | $606,900 | $669,700 | $683,700 |
| | | | | | | | | | | |
| **Total Revenue From Customers ($)** | $554,000 | $571,500 | $588,800 | $606,700 | $625,200 | $644,200 | $663,900 | $684,200 | $705,200 | $726,900 |
| | | | | | | | | | | |
| Surplus/Deficit | Surplus | Surplus | Surplus | Surplus | Surplus | Surplus | Surplus | Surplus | Surplus | Surplus |
| Annual Rate Increase | 45.0% | 3.1% | 3.1% | 3.1% | 3.1% | 3.1% | 3.1% | 3.1% | 3.1% | 3.1% |

| **Scenario 1** | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| **Year** | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 | 2041 |
| **Water Purchase** | | | | | | | | | | |
| Water Consumed (kgal) | 79,286 | 79,444 | 79,603 | 79,762 | 79,922 | 80,082 | 80,242 | 80,402 | 80,563 | 80,724 |
| Consumption Growth at 0.2%(kgal) | | | | | | | | | | |
| LOA Water (@10%) | 7,929 | 7,944 | 7,960 | 7,976 | 7,992 | 8,008 | 8,024 | 8,040 | 8,056 | 8,072 |
| Total Water Consumed (kgal) | 87,214 | 87,389 | 87,563 | 87,739 | 87,914 | 88,090 | 88,266 | 88,443 | 88,619 | 88,797 |
| Total Water Purchased (kgal) | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 |
| Bulk Purchase Cost ($/kgal) | $2.410 | $2.471 | $2.532 | $2.596 | $2.661 | $2.727 | $2.80 | $2.87 | $2.94 | $3.01 |
| **Total Bulk Water Cost ($)** | $241,000 | $247,100 | $253,200 | $259,600 | $266,100 | $272,700 | $279,500 | $286,500 | $293,700 | $301,000 |
| | | | | | | | | | | |
| **Operating Expenses** | | | | | | | | | | |
| Administration ($) | $7,000 | $7,200 | $7,400 | $7,600 | $7,800 | $8,000 | $8,200 | $8,400 | $8,700 | $9,000 |
| Benefits ($) | $93,500 | $95,800 | $98,200 | $100,700 | $103,200 | $105,800 | $108,400 | $111,100 | $113,900 | $116,700 |
| Salaries ($) | $186,700 | $191,400 | $196,200 | $201,100 | $206,100 | $211,300 | $216,600 | $222,000 | $227,600 | $233,300 |
| Information Technology (IT) ($) | $5,000 | $5,200 | $5,400 | $5,600 | $5,800 | $6,000 | $6,200 | $6,400 | $6,600 | $6,800 |
| Fuel ($) | $2,000 | $2,000 | $2,000 | $2,000 | $2,000 | $2,000 | $2,000 | $2,000 | $2,000 | $2,000 |
| Water Testing and Sampling ($) | $1,000 | $1,000 | $1,000 | $1,000 | $1,000 | $1,000 | $1,000 | $1,000 | $1,000 | $1,000 |
| Materials and Supplies ($) | $25,500 | $26,300 | $27,100 | $27,900 | $28,700 | $29,600 | $30,500 | $31,400 | $32,300 | $33,300 |
| Equipment Maintenance and Repair ($) | $3,000 | $3,100 | $3,200 | $3,300 | $3,400 | $3,500 | $3,600 | $3,700 | $3,800 | $3,900 |
| Equipment ($) | $20,800 | $21,200 | $21,600 | $22,000 | $22,400 | $22,800 | $23,300 | $23,800 | $24,300 | $24,800 |
| Engineering ($) | $1,000 | $1,000 | $1,000 | $1,000 | $1,000 | $1,000 | $1,000 | $1,000 | $1,000 | $1,000 |
| **Total Operating Expenses ($)** | $345,500 | $354,200 | $363,100 | $372,200 | $381,400 | $391,000 | $400,800 | $410,800 | $421,200 | $431,800 |
| | | | | | | | | | | |
| **Operating Reserve** | | | | | | | | | | |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Current Reserve ($) | $83,100 | $85,200 | $87,300 | $89,500 | $91,800 | $94,000 | $96,400 | $98,800 | $101,300 | $103,900 |
| Reserve Period (days per year) | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 |
| Reserve Amount Required ($) | $85,200 | $87,300 | $89,500 | $91,800 | $94,000 | $96,400 | $98,800 | $101,300 | $103,900 | $106,500 |
| **Reserve Deficit ($)** | $2,100 | $2,100 | $2,200 | $2,300 | $2,200 | $2,400 | $2,400 | $2,500 | $2,600 | $2,600 |
| | | | | | | | | | | |
| **Capital Reserve ($) Bracketed Number Indicates a Surplus** | $(43,200) | $(900) | $(9,200) | $(18,000) | $(27,000) | $(29,600) | $(39,500) | $(50,000) | $(34,700) | $(45,900) |
| | | | | | | | | | | |
| **Bond Service Payments on Capital Projects ($)** | $159,700 | $159,700 | $159,700 | $159,700 | $166,900 | $166,900 | $166,900 | $193,000 | $193,000 | $193,000 |
| | | | | | | | | | | |
| **Total Revenue Requirement ($)** | $748,300 | $763,100 | $778,200 | $793,800 | $816,600 | $833,000 | $849,600 | $892,800 | $910,500 | $928,400 |
| | | | | | | | | | | |
| **Total Revenue From Customers ($)** | $749,200 | $772,300 | $796,200 | $820,800 | $846,200 | $872,500 | $899,600 | $927,500 | $956,400 | $986,300 |
| | | | | | | | | | | |
| Surplus/Deficit | Surplus | Surplus | Surplus | Surplus | Surplus | Surplus | Surplus | Surplus | Surplus | Surplus |
| Annual Rate Increase | 3.1% | 3.1% | 3.1% | 3.1% | 3.1% | 3.1% | 3.1% | 3.1% | 3.1% | 3.1% |

| **Scenario 2** | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| **Year** | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 |
| **Water Purchase** | | | | | | | | | | |
| Water Consumed (kgal) | 77,717 | 77,873 | 78,028 | 78,184 | 78,341 | 78,498 | 78,654 | 78,812 | 78,969 | 79,127 |
| Consumption Growth at 0.2%(kgal) | | | | | | | | | | |
| LOA Water (@10%) | 7,772 | 7,787 | 7,803 | 7,818 | 7,834 | 7,850 | 7,865 | 7,881 | 7,897 | 7,913 |
| Total Water Consumed (kgal) | 85,489 | 85,660 | 85,831 | 86,003 | 86,175 | 86,347 | 86,520 | 86,693 | 86,866 | 87,040 |
| Total Water Purchased (kgal) | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 |
| Bulk Purchase Cost ($/kgal) | $1.930 | $1.930 | $1.978 | $2.028 | $2.078 | $2.130 | $2.184 | $2.238 | $2.294 | $2.352 |
| **Total Bulk Water Cost ($)** | $193,000 | $193,000 | $197,800 | $202,800 | $207,800 | $213,000 | $218,400 | $223,800 | $229,400 | $235,200 |
| | | | | | | | | | | |
| **Operating Expenses** | | | | | | | | | | |
| Administration ($) | $5,000 | $5,200 | $5,400 | $5,600 | $5,800 | $6,000 | $6,200 | $6,400 | $6,600 | $6,800 |
| Benefits ($) | $73,000 | $74,800 | $76,700 | $78,600 | $80,600 | $82,600 | $84,700 | $86,800 | $89,000 | $91,200 |
| Salaries ($) | $146,000 | $149,700 | $153,400 | $157,200 | $161,100 | $165,100 | $169,200 | $173,400 | $177,700 | $182,100 |
| Information Technology (IT) ($) | $4,000 | $4,100 | $4,200 | $4,300 | $4,400 | $4,500 | $4,600 | $4,700 | $4,800 | $4,900 |
| Fuel ($) | $2,000 | $2,000 | $2,000 | $2,000 | $2,000 | $2,000 | $2,000 | $2,000 | $2,000 | $2,000 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Water Testing and Sampling ($) | $1,000 | $1,000 | $1,000 | $1,000 | $1,000 | $1,000 | $1,000 | $1,000 | $1,000 | $1,000 |
| Materials and Supplies ($) | $19,000 | $19,600 | $20,200 | $20,800 | $21,400 | $22,000 | $22,700 | $23,400 | $24,100 | $24,800 |
| Equipment Maintenance and Repair ($) | $2,000 | $2,100 | $2,200 | $2,300 | $2,400 | $2,500 | $2,600 | $2,700 | $2,800 | $2,900 |
| Equipment ($) | $17,000 | $17,300 | $17,600 | $18,000 | $18,400 | $18,800 | $19,200 | $19,600 | $20,000 | $20,400 |
| Engineering ($) | $1,000 | $1,000 | $1,000 | $1,000 | $1,000 | $1,000 | $1,000 | $1,000 | $1,000 | $1,000 |
| **Total Operating Expenses ($)** | $270,000 | $276,800 | $283,700 | $290,800 | $298,100 | $305,500 | $313,200 | $321,000 | $329,000 | $337,100 |
| | | | | | | | | | | |
| **Operating Reserve** | | | | | | | | | | |
| Current Reserve ($) | $13,000 | $66,600 | $68,300 | $70,000 | $71,700 | $73,500 | $75,300 | $77,200 | $79,200 | $81,100 |
| Reserve Period (days per year) | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 |
| Reserve Amount Required ($) | $66,600 | $68,300 | $70,000 | $71,700 | $73,500 | $75,300 | $77,200 | $79,200 | $81,100 | $83,100 |
| **Reserve Deficit ($)** | $53,600 | $1,700 | $1,700 | $1,700 | $1,800 | $1,800 | $1,900 | $2,000 | $1,900 | $2,000 |
| | | | | | | | | | | |
| **Capital Reserve ($) Bracketed Number Indicates a Surplus** | | $(36,100) | $(118,000) | $(97,800) | $(76,400) | $(42,800) | $(9,300) | $(19,800) | $(12,700) | $(25,100) |
| | | | | | | | | | | |
| **Bond Service Payments on Capital Projects ($)** | $1,300 | $25,800 | $23,800 | $60,000 | $109,300 | $159,600 | $166,800 | $192,900 | $200,900 | $228,100 |
| | | | | | | | | | | |
| **Total Revenue Requirement ($)** | $517,900 | $461,200 | $507,000 | $555,300 | $617,000 | $679,900 | $700,300 | $739,700 | $761,200 | $802,400 |
| | | | | | | | | | | |
| **Total Revenue From Customers ($)** | $554,000 | $579,200 | $604,800 | $631,700 | $659,800 | $689,200 | $720,100 | $752,400 | $786,300 | $821,700 |
| | | | | | | | | | | |
| Surplus/Deficit | Surplus | Surplus | Surplus | Surplus | Surplus | Deficit | Surplus | Surplus | Surplus | Surplus |
| Annual Rate Increase | 45.0% | 4.6% | 4.6% | 4.6% | 4.6% | 4.6% | 4.6% | 4.6% | 4.6% | 4.6% |

| **Scenario 2** | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| **Year** | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 | 2041 |
| **Water Purchase** | | | | | | | | | | |
| Water Consumed (kgal) | 79,286 | 79,444 | 79,603 | 79,762 | 79,922 | 80,082 | 80,242 | 80,402 | 80,563 | 80,724 |
| Consumption Growth at 0.2%(kgal) | | | | | | | | | | |
| LOA Water (@10%) | 7,929 | 7,944 | 7,960 | 7,976 | 7,992 | 8,008 | 8,024 | 8,040 | 8,056 | 8,072 |
| Total Water Consumed (kgal) | 87,214 | 87,389 | 87,563 | 87,739 | 87,914 | 88,090 | 88,266 | 88,443 | 88,619 | 88,797 |
| Total Water Purchased (kgal) | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 | 100,000 |
| Bulk Purchase Cost ($/kgal) | $2.410 | $2.471 | $2.532 | $2.596 | $2.661 | $2.727 | $2.80 | $2.87 | $2.94 | $3.01 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| **Total Bulk Water Cost ($)** | $241,000 | $247,100 | $253,200 | $259,600 | $266,100 | $272,700 | $279,500 | $286,500 | $293,700 | $301,000 |
| | | | | | | | | | | |
| **Operating Expenses** | | | | | | | | | | |
| Administration ($) | $7,000 | $7,200 | $7,400 | $7,600 | $7,800 | $8,000 | $8,200 | $8,400 | $8,700 | $9,000 |
| Benefits ($) | $93,500 | $95,800 | $98,200 | $100,700 | $103,200 | $105,800 | $108,400 | $111,100 | $113,900 | $116,700 |
| Salaries ($) | $186,700 | $191,400 | $196,200 | $201,100 | $206,100 | $211,300 | $216,600 | $222,000 | $227,600 | $233,300 |
| Information Technology (IT) ($) | $5,000 | $5,200 | $5,400 | $5,600 | $5,800 | $6,000 | $6,200 | $6,400 | $6,600 | $6,800 |
| Fuel ($) | $2,000 | $2,000 | $2,000 | $2,000 | $2,000 | $2,000 | $2,000 | $2,000 | $2,000 | $2,000 |
| Water Testing and Sampling ($) | $1,000 | $1,000 | $1,000 | $1,000 | $1,000 | $1,000 | $1,000 | $1,000 | $1,000 | $1,000 |
| Materials and Supplies ($) | $25,500 | $26,300 | $27,100 | $27,900 | $28,700 | $29,600 | $30,500 | $31,400 | $32,300 | $33,300 |
| Equipment Maintenance and Repair ($) | $3,000 | $3,100 | $3,200 | $3,300 | $3,400 | $3,500 | $3,600 | $3,700 | $3,800 | $3,900 |
| Equipment ($) | $20,800 | $21,200 | $21,600 | $22,000 | $22,400 | $22,800 | $23,300 | $23,800 | $24,300 | $24,800 |
| Engineering ($) | $1,000 | $1,000 | $1,000 | $1,000 | $1,000 | $1,000 | $1,000 | $1,000 | $1,000 | $1,000 |
| **Total Operating Expenses ($)** | $345,500 | $354,200 | $363,100 | $372,200 | $381,400 | $391,000 | $400,800 | $410,800 | $421,200 | $431,800 |
| | | | | | | | | | | |
| **Operating Reserve** | | | | | | | | | | |
| Current Reserve ($) | $83,100 | $85,200 | $87,300 | $89,500 | $91,800 | $94,000 | $96,400 | $98,800 | $101,300 | $103,900 |
| Reserve Period (days per year) | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 |
| Reserve Amount Required ($) | $85,200 | $87,300 | $89,500 | $91,800 | $94,000 | $96,400 | $98,800 | $101,300 | $103,900 | $106,500 |
| **Reserve Deficit ($)** | $2,100 | $2,100 | $2,200 | $2,300 | $2,200 | $2,400 | $2,400 | $2,500 | $2,600 | $2,600 |
| | | | | | | | | | | |
| **Capital Reserve ($) Bracketed Number Indicates a Surplus** | $(19,300) | $13,300 | $(10,800) | $(36,400) | $(63,600) | $(92,700) | $(123,100) | $(155,600) | $(190,000) | $(226,100) |
| | | | | | | | | | | |
| **Bond Service Payments on Capital Projects ($)** | $283,600 | $283,600 | $283,600 | $283,600 | $283,600 | $283,600 | $283,600 | $283,600 | $283,600 | $283,600 |
| | | | | | | | | | | |
| **Total Revenue Requirement ($)** | $872,200 | $887,000 | $902,100 | $917,700 | $933,300 | $949,700 | $966,300 | $983,400 | $1,001,100 | $1,019,000 |
| | | | | | | | | | | |
| **Total Revenue From Customers ($)** | $858,900 | $897,800 | $938,500 | $981,300 | $1,026,000 | $1,072,800 | $1,121,900 | $1,173,400 | $1,227,200 | $1,283,700 |
| | | | | | | | | | | |
| Surplus/Deficit | Surplus | Surplus | Surplus | Surplus | Surplus | Surplus | Surplus | Surplus | Surplus | Surplus |
| Annual Rate Increase | 4.6% | 4.6% | 4.6% | 4.6% | 4.6% | 4.6% | 4.6% | 4.6% | 4.6% | 4.6% |

COMMUNITY MEDIA GROUP, LLC
PO BOX 182
ELIZABETHTOWN NY 12932
(518)873-6368ext
Fax (315)434-8883

ORDER CONFIRMATION

Salesperson: SYRACUSE LEGAL — Printed at 04/19/22 11:34 by lcong

Acct #: 2254411 — Ad #: 288620 — Status: New WHOLD

TOWN OF SKANEATELES
ATTN ACCOUNTS PAYABLE
24 JORDAN ST
SKANEATELES NY 13152

Start: 04/27/2022 — Stop: 04/27/2022
Times Ord: 1 — Times Run: ***
LGL 1.00 X 23.00 — Words: 72
Total LGL 23.00
Class: 001 LEGAL ADS
Rate: LGL — Cost: 23.86
# Affidavits: 1

Contact: JULIE STENGER
Phone: (315)685-3473
Fax#: (000)000-0000
Email: jstenger@townofskaneateles.c
Agency:

Ad Descrpt: CAMERA SERVER
Given by: *
P.O. #:
Created: lcong 04/19/22 11:25
Last Changed: lcong 04/19/22 11:34

| PUB | ZONE | EDT | TP | START | INS | STOP | SMTWTFS |
|---|---|---|---|---|---|---|---|
| C05 | A | 96 | W | Wed 04/27/22 | 1 | Wed 04/27/22 | W |

AUTHORIZATION

Under this agreement rates are subject to change with 30 days notice. In the event of a cancellation before schedule completion, I understand that the rate charged will be based upon the rate for the number of insertions used.

Name (print or type) _____ Name (signature) _____

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**TOWN OF SKANEATELES PUBLIC NOTICE**

NOTICE IS HEREBY GIVEN that on April 18, 2021, the Town Board of the Town of Skaneateles authorized the transfer of not to exceed, $6,300 from the Town Hall Equipment Reserve Fund Account for a AI NVR Avigilon Server to run the cameras and software at the Transfer Station subject to the permissive referendum requirements of Town Law and General Municipal Law.

Dated: April 18, 2022
PO-288620