

INFORMATIONAL BOOKLET

Prepared by

THE TOWN OF GUILDERLAND

DEPARTMENT OF WATER AND WASTEWATER

MANAGEMENT

AUGUST 1980

It is the intention of this booklet to provide some additional thoughts on the matter of the consolidation of the McKownville and Westmere Water Districts. Due to time limitations placed on all the speakers tonight, it would be impossible to cover every item in the detail we had wanted. This is the reason this booklet was prepared to supply you with some additional items that we feel you should consider.

Also included, is a brief fact sheet on the Department. Hopefully this will give you some additional insight into the Department of Water & Wastewater Management..

EFFECTS ON FIRE FLOWS

The McKownville Fire Department and the Board of Fire Commissioners of the McKownville Fire District have expressed a concern over fire flows, and rehablility of water supplies.

One critical area is the water supply line from the water tower, and along Western Avenue. If the watermain breaks in the area of Highland Drive, the only way the water could get into the rest of the system, is via the loop around Stuyvesant Plaza. If the line breaks on Schoolhouse Road between Country Road and Western Ave. (Including a small portion on Western Ave.) there would be a total loss of water in the District.

If you look at Exhibit #2, you will notice that there is a break in the watermain shown on McKown Road. This break represents the approximate location of the boundary line between the two water districts.

If you look at the overall McKownville District map you will see this is also approximately the "middle" of the district. This is one of the reasons why we feel a connection should be made at this point. If this connection was made, the water could flow through a relatively short distance of pipe on McKown Road to Western Ave. It could also flow over Westlyn Place to Westlyn Court , then to Western Ave. Once the water reaches Western Ave., the water then could flow through the mains along Western Ave. to where ever the water demand might exist. There have been discussions concerning the existing concrete pit on West Dillenbeck Drive. This pit was once used by the Birchmont Water District (now part of McKownville Water District), to supply water to the Three Hills Water District (now part of Westmere Water District).

With the addition of some equipment (pressure reading valve), this pit should be able to supply water from the Westmere Water District to the McKownville Water District. This connection would make possible an additional connection after the McKownville connection.

With the addition of the McKown Road connection, fire flows should be increased. However, because of the age of the pipe, it would be difficult to determine the flow carrying capacities of the pipe, (friction loss - tuberculation in the cast iron pipes).

Just as important as increasing the flows, is the dependability of the water system to deliver the water to you. With the addition of these connections, the dependability will be increased.

By this we mean, that in the advent of a watermain break, we should be able to better isolate the area affected. Thusly, have fewer residents without water. These additional connections should help in our bi-annual flushing program.

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EFFECT ON WATER RATES

The Westmere Water District sells water to the McKownville Water District at the rate of 80¢/1000 gallons. The Westmere and McKownville homeowner sees a 40¢/1000 gallon rate on their bi-annual water bill.

The question that has been raised is that: is the 80¢/1000 gallon fair to the McKownville resident? We feel it is, our current cost to produce water is approximately 40¢/1000 gallons. This covers the cost of labor, chemicals, employee benefits, electricity, and other daily costs. The Westmere resident also pays a water tax in January. This pays for the cost of the water treatment plant, the pipe system, and the elevated water storage towers. The additional 40¢/1000 being paid in the 80¢ rate, helps to pay for a portion of the Westmere system that is used to get the water to McKownville.

If the consolidation is approved, the 80¢/1000 gallon rate would be eliminated. The Westmere and the McKownville resident would share the costs for water production, (40¢/1000), and construction costs on the same basis (ad valorem tax that appears on your January bill).

EFFECTS ON THIS DEPARTMENT

This Department currently administers the daily operation of 5 separate water districts, and the one sanitary sewer district.

The consolidation would result in us keeping a set of books on 4 separate water districts, and one sewer district. It is hoped that all of the water districts will be consolidated in the future.....

WHAT DOES THE FUTURE HOLD?

There have been many good points brought out in recent weeks regarding the consolidation matter.

One which may not have been sufficiently expressed is, what does the future hold for the McKownville Water District?

If consolidated, the combined districts would be one district working to solve the problems of its residents. Along those same lines, we want you to understand that if this consolidation is approved Wednesday night, when you wake up Thursday morning, the problems are not going to be gone. The consolidation is only the start of the process to begin an improvement program in the McKownville Area.

This Department is concerned with what the future holds for the McKownville Water District, both in terms of problems and what its goals should be.

we have not seen or read of a plan by those opposing the consolidation, of how the district will operate in the future.

If defeated where will the McKownville Water District get its water?

1. Continue to buy it from Westmere?
2. Rehabilitate the Water Treatment Plant, which could not meet the water requirements of the district?
3. How would rehabilitation of the water system (now some 40 years old), be accomplished?

The problems I just raised are not impossible to solve.

If the consolidation is defeated, life will still go on in both districts.

However, the basic point we are trying to raise is, what are you willing to pay for water? The way you vote, will determine the answer to this question.

Town of Gu' Herland
 Dept. of Water & Wastewater Mgt.

Data 1980 Budget
\$20,000.00 Expenditure

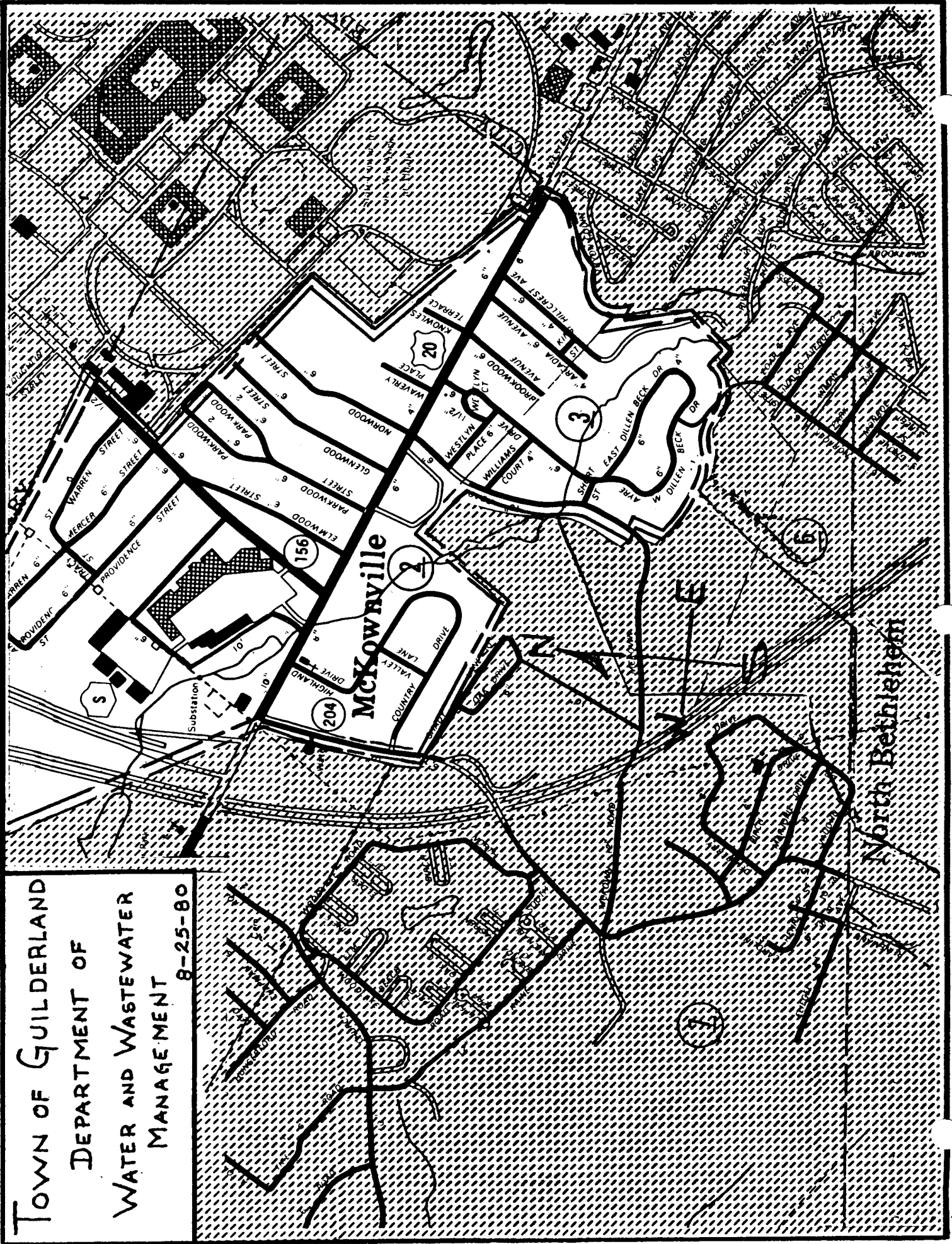
	Westmere Water District	McKownville Water District	Consolidated Water Districts
Total Appropriation =	\$ 804,423.00	\$-132,102.00	\$-936,525.00
Revenues (Exc. Taxes) =	<u>+274,150.00</u>	<u>+ 33,100.00</u>	<u>+307,250.00</u>
	-530,273.00	-99,002.00	- 629,275.00
Unexpended Balance =	<u>+ 63,000.00</u>	<u>+12,000.00</u>	<u>+ 75,000.00</u>
Deficit (Taxes)	-467,273.00	-87,002.00	- 554,275.00
\$20,000 Expenditure =	<u>(+)-20,000.00</u>	<u>(+)-20,000.00</u>	<u>(+)- 20,000.00</u>
New Deficit =	\$ 487,273.00	\$107,002.00	\$ 574,275.00

Tax Rate = Deficit
 Assessed Val. in 1,000's

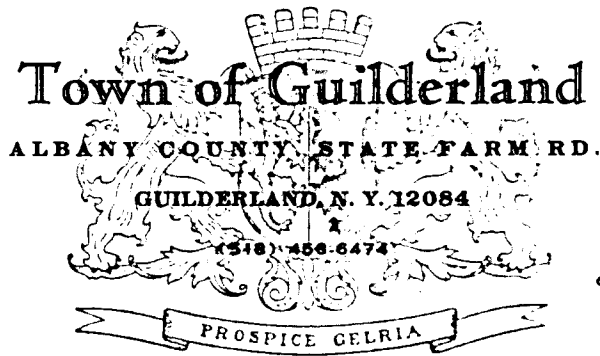
Rate w/o Expenditure =	\$ <u>467,273.00</u>	\$ <u>87,002.00</u>	\$ <u>554,275.00</u>
	24,229.000	4,218.955	28,447.955
=	\$ 19.29/1000	= \$ 20.62/1000	\$ 19.48/1000
Rate w/ Expenditure =	\$ <u>487,273.00</u>	\$ <u>107,002.00</u>	= \$ <u>574,275.00</u>
	24,229.000	4,218.955	28,447.955
=	\$20.11/1000	= \$25.36/1000	= \$20.19/1000
Tax increase for \$20,000.00 Exp. =	.82¢/1000	= 4.74/1000	= .71¢/1000

EXHIBIT 2

TOWN OF GUILDERLAND
DEPARTMENT OF
WATER AND WASTEWATER
MANAGEMENT 8-25-80



McKOWNVILLE WATER DISTRICT



DEPARTMENT OF WATER AND
WASTEWATER MANAGEMENT

OFFICE OF THE SUPERINTENDENT
DENNIS L. TYSON

DID YOU KNOW?

1. That we produced over 644 Million gallons of water last year.
2. That we operate and maintain your water and sanitary sewer facilities with a combined total value in excess of 15 Million Dollars.
3. That there is over 100 miles of water and sewer pipe in operation.
4. That we treated over 280 Million gallons of wastewater last year.
5. That we obtained, Operation and Maintenance grants from New York State Dept. of EnCon. in the amount of \$22,273.46 last year. This aid was for Operation and Maintenance cost at the 3 Wastewater Treatment facilities.
6. That purchases were made through the Corcraft, Division of N.Y.S. Dept. of Corrections, at lower cost than through other resources.
7. That paint, laboratory supplies, a pick-up truck was purchased through N.Y. State's contract system.
8. That we purchase items, valued at \$733.60 for \$89.60, from the Bureau of Federal Property Assistance (Army Surplus).
9. That we do not receive any special rates on electricity, because of being a Municipality. We are treated as an industrial user, and every time there is an electrical rate increase, our costs go up.
10. That on the water systems, there are over 750 fire hydrants we maintain.
11. That this Department oversees the operation of 5 separate water districts, (Westmere, McKownville, Guilderland, Fort Hunter and Lone Pine) and the Townwide Sewer Improvement Area.
12. That in the last 12 years, the water rent (40¢/1000 gallons), HAS NOT BEEN INCREASED.