

F. TOWN OF COLONIE LATHAM WATER DISTRICT

The following comments are taken from a letter dated April 26, 1996 from the Town of Colonie Latham Water District. A copy of the letter is provided in Appendix 1.

1. Comment:

Pages ES-10 - The value of "\$9.7 million" outlined in the second paragraph of the second column appears to contradiction with the value of \$10,999,800 outlined in Table ES-1. Please clarify the discrepancy.

Response:

The apportioned cost of the improvements within the Study Area is \$10,999,800.

2. Comment:

Page II-51 - Revise the line that reads "The LWD is limited to the following quantities of raw water..." to read "The LWD is limited to the following quantities of raw water that can be drawn from these sources: 1) Mohawk River - 15 million gallons per day (MGD), November through April and 20 MGD, May through October; Stony Creek Reservoir - 6 MGD; and 3) Mohawk - View Well Complex - 7 MGD

Response:

The correction is noted.

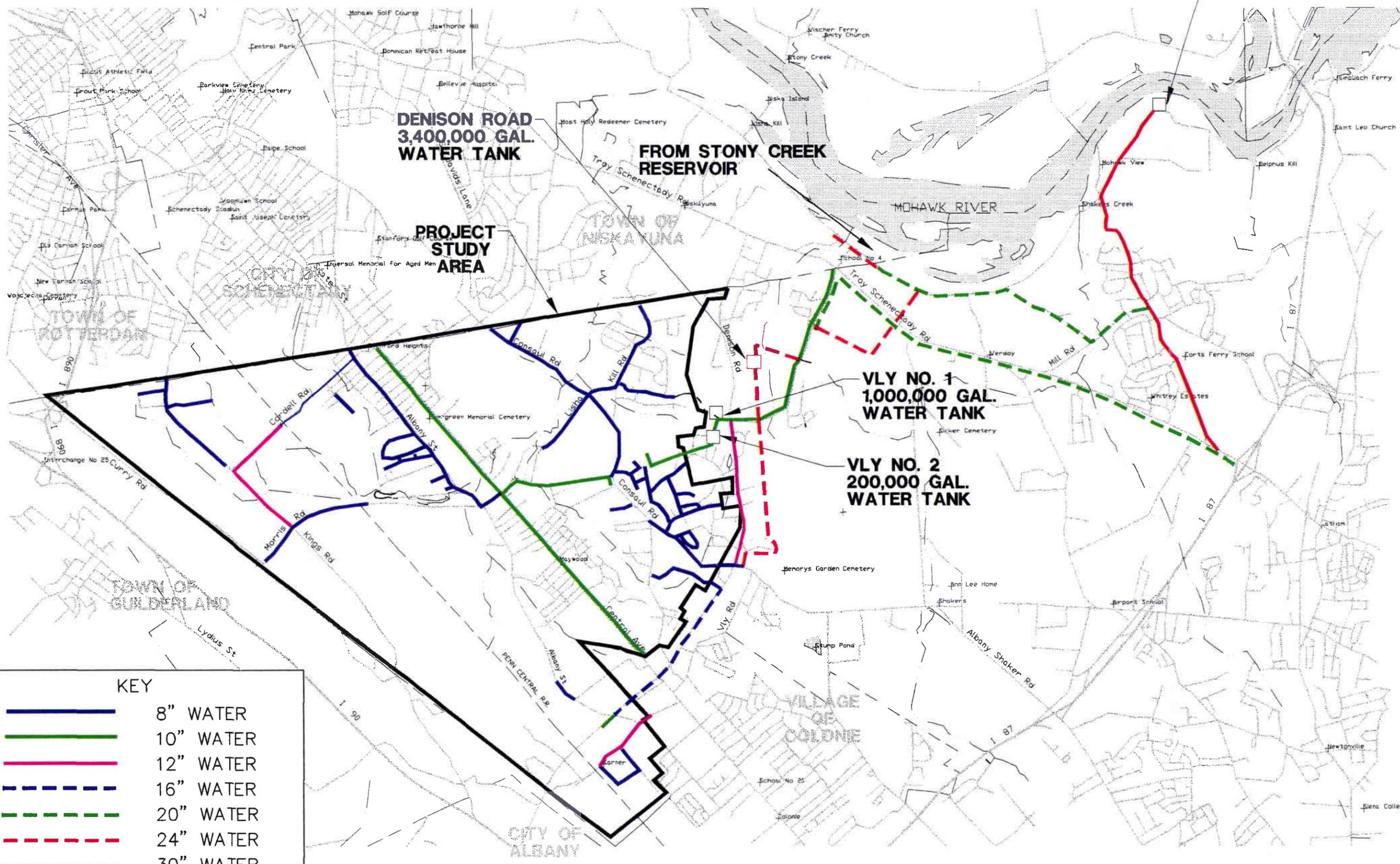
3. Comment:

Figure II-G-5 - To adequately show the facilities that provide water to the study area, the LWD recommends that the 24" main from the Dennison Road tank along Vly Road to Watervliet Shaker Road, the 16" main along New Karner Road from Watervliet Shaker to Albany Street, the 12" watermains on Albany Street and Karner Road and the eight inch main on Plaske Drive should be shown on the figure.

Response:

The correction is noted and illustrated on revised Figure II-G-5.

MOHAWK-VIEW WATER TREATMENT PLANT AND WELL COMPLEX



**DENISON ROAD
3,400,000 GAL.
WATER TANK**

**FROM STONY CREEK
RESERVOIR**

**PROJECT
STUDY
AREA**

**VLY NO. 1
1,000,000 GAL.
WATER TANK**

**VLY NO. 2
200,000 GAL.
WATER TANK**

KEY

	8" WATER
	10" WATER
	12" WATER
	16" WATER
	20" WATER
	24" WATER
	30" WATER

**EXISTING WATER SYSTEM
TRANSMISSION AND MAJOR DISTRIBUTION LINES
(8" AND GREATER)**

**LISHA KILL - KINGS ROAD AREA
GENERIC ENVIRONMENTAL IMPACT STATEMENT**



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III WINNERS CIRCLE - ALBANY, NEW YORK - 12205

FIGURE NO. 11-G-5 (REVISED) SCALE: 1" = 3500'

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4. **Comment:**

Page II-52 - Revise the line that reads "The first in the River Road Raw Water Pump Station" to read "The first in the Reservoir Pump Station which..."

Response:

The correction is noted.

5. **Comment:**

Page II-52 - Revise the line that reads "The second storage tank, located 600 feet to the south..." to read "The second storage tank, located 600 feet to the north..."

Response:

The correction is noted.

6. **Comment:**

Page II-54 - Revise the line that reads "...the future peak demand for the Study Area is 3,163,041 gallons per hour (GPH)." to read "...3,163,041 gallons per day (GPD)."

Response:

The correction is noted.

7. **Comment:**

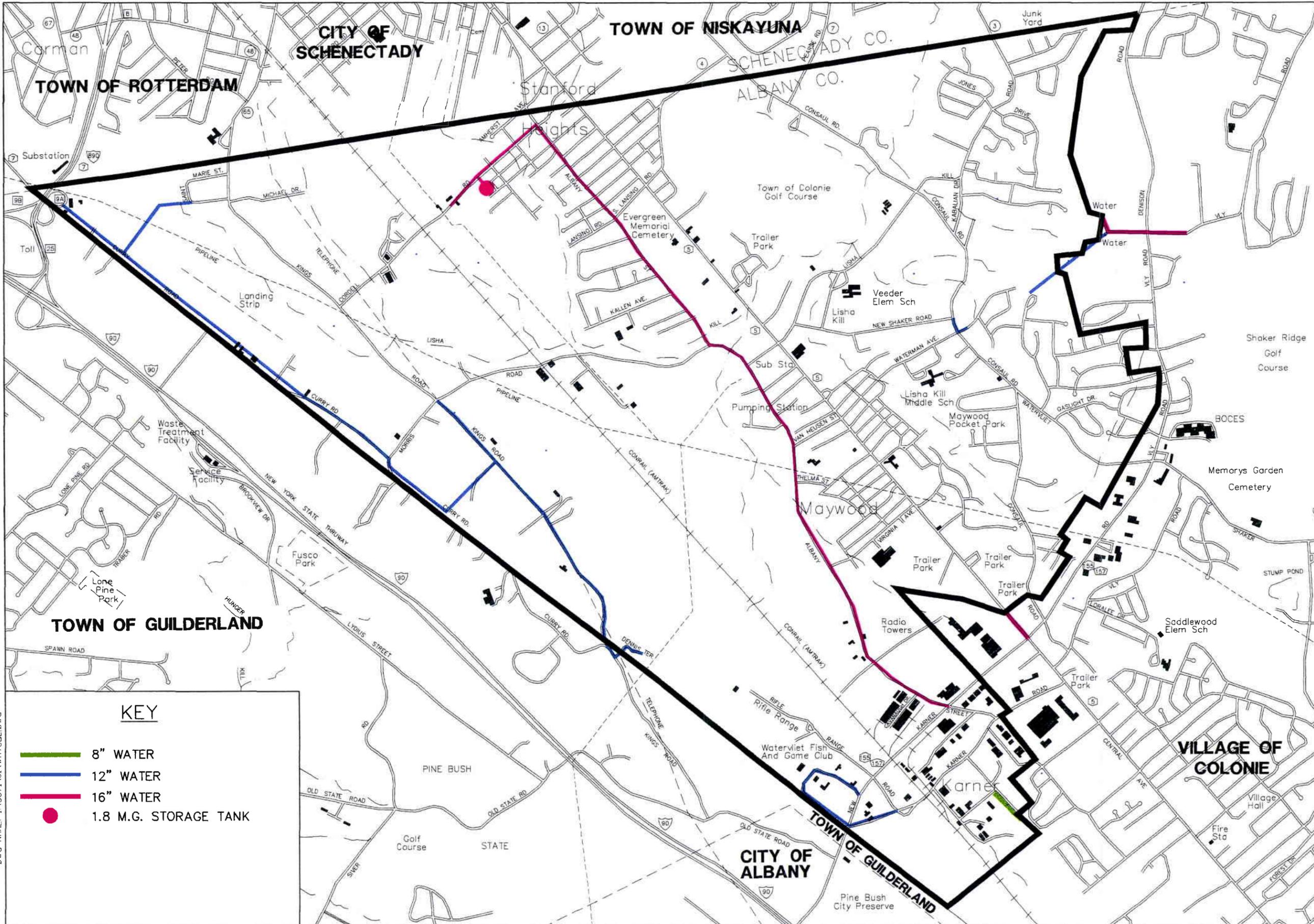
Figure II-G-7 - The water main proposed along Albany Street should be shown as a 16" main.

Response:

The map has been revised and is attached.

8. **Comment:**

Page II-58 - The units used for the Apportionment Factor should be changed to gallons per day (GPD).



DWG NAME: I:\5371\01\WATC01.DWG

KEY

- 8" WATER
- 12" WATER
- 16" WATER
- 1.8 M.G. STORAGE TANK

PROPOSED WATER IMPROVEMENTS

LISHA KILL - KINGS ROAD AREA

GENERIC ENVIRONMENTAL IMPACT STATEMENT



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FIGURE NO. II-G-7 (REVISED) SCALE: 1" = 2000'

Response:

The corrected apportionment factor is as follows

$$\frac{3.163 \text{ MGD}}{38 \text{ MGD} - 22.5 \text{ MGD}} = 0.204$$

9. Comment:

Table II-G-3 - The "Total Peak Water Demand (GPH)" units should be changed to gallons per day (GPD).

Response:

The revised table is included herein.

Table II-G-3
Lisha Kill - Kings Road Area DGEIS
Water Systems Improvements

Water Improvement Sub--Area	TOTAL APPORTIONED COST	COST ALLOCATION TO WATER IMPROVEMENT SUB- AREA				
		1	2	3	4	5
Total Peak Water Demand (GPD)	N/A	809,100	142,100	522,000	976,488	713,353
Flow Apportionment as a % of Total	N/A	0.2558	0.0449	0.1650	0.3087	0.2255
IMPROVEMENT DESCRIPTION						
SUPPLY, TREATMENT & FILTRATION						
WTP Upgrade & Optimization Study	\$3,060,000	\$782,742	\$137,471	\$504,995	\$944,677	\$690,114
Intake Structure Upgrade	\$81,600	\$20,873	\$3,666	\$13,467	\$25,191	\$18,403
River Road Groundwater Investigation/Development	\$408,000	\$104,366	\$18,329	\$67,333	\$125,957	\$92,015
PUMPING						
Modify & Upgrade Mohawk View Low Lift Pump Station	\$134,600	\$34,430	\$6,047	\$22,213	\$41,553	\$30,356
Modify & Upgrade Mohawk View High Lift Pump Station	\$134,600	\$34,430	\$6,047	\$22,213	\$41,553	\$30,356
Construct Airport West Booster/Rechlorination System	\$360,200	\$92,138	\$16,182	\$59,444	\$111,200	\$81,235
STORAGE						
Construct 1.8 MG Water Storage Tank (0.70 MG Usable Storage)	\$1,045,000	\$436,613	\$77,032	N/A	\$529,354	N/A
TRANSMISSION						
Install 4,800 LF 24" Main from Mohawk View Plant	\$105,800	\$27,063	\$4,753	\$17,460	\$32,662	\$23,861
Install 1,000 LF of 16" Main along Central Ave. from New Karner Rd. to Jack's Motel	\$120,600	N/A	N/A	N/A	\$69,690	\$50,910
Install 2,200 LF of 16" Main from Vly Tank to 24" Main	\$47,000	\$12,023	\$2,111	\$7,756	\$14,510	\$10,600
Install 2,300 LF of 12" & 16" Main from Vly Tank to Partridge Run	\$227,600	N/A	N/A	N/A	N/A	\$227,600
Install 16,900 LF of 16" Main along Albany St. from New Karner Rd. to Cordell Rd.	\$2,029,000	\$519,014	\$91,153	\$334,848	\$626,389	\$457,595
Install 350 LF of 12" Main from Upper Vly Tank to Mary Hadge Dr.	\$40,200	N/A	N/A	N/A	N/A	\$40,200
DISTRIBUTION						
Install 3,200 LF of 12" Main along Cordell Rd. from Albany St. to RR Crossing	\$309,800	\$130,031	\$22,837	N/A	\$156,932	N/A
Install 650 LF of 12" Main along Consaul Rd. from Vanessa Ct. to New Shaker Rd.	\$86,100	N/A	N/A	N/A	N/A	\$36,100
Install 7,900 LF of 12" Main along Kings Rd. from Morris Rd. to Dennis Terr.	\$735,100	N/A	\$735,100	N/A	N/A	N/A
Install 11,700 LF of 12" Main along Curry Rd. from I-890 to Morris Rd.	\$1,085,000	\$1,085,000	N/A	N/A	N/A	N/A
Install 4,800 LF of 12" Main along Curry Road from Morris Rd to Town Line/Kings Rd.	\$458,000	N/A	\$458,000	N/A	N/A	N/A
Install 4,300 LF of 12" Main along Apollo Dr. & VFW Rd. from Thompson St.	\$443,900	N/A	N/A	\$443,900	N/A	N/A
Install 1,350 LF of 8" Main along Broderick St. from Norman Dr. toward the Village	\$87,700	N/A	N/A	\$87,700	N/A	N/A
Total Cost Apportionment For Improvements/Sub- Area:	\$10,999,800	\$3,280,725	\$1,578,729	\$1,581,330	\$2,719,670	\$1,839,346

10. Comment:

Table II-G-4. Same as above.

Response:

The correction is noted. The revised table is as follows:

**Table II-G-4
 Lisha Kill - Kings Road Area DGEIS
 Summary of Water Mitigation Costs/
 Water Improvement Sub-Areas**

Water Improvement Sub-Area	Cost Apportionment	Total Peak Hourly Water Demand (GPD)	Residential Cost (\$/DU)	Industrial/Commercial/Retail Cost (\$/SF)
1	\$3,280,725	809,100	\$3,010	\$1.18
2	\$1,578,729	142,100	-----*	\$3.22
3	\$1,581,330	522,000	-----*	\$0.88
4	\$2,719,670	976,488	\$2,068	\$0.81
5	\$1,839,346	713,353	\$1,914	-----*

* This type of development not projected for the subarea.