

Debt Service Impact: Sludge Processing Improvement Project

Baseline	Total
Capital Cost	\$65,000,000
Grants (BIL & ARPA)	\$28,500,000
Hardship Eligible	\$25,000,000
Interest Portion	\$11,500,000.00
Interest (Subsidized)	3.5% ==> Assumed
Interest (Hardship)	0%
Term (years)	30
Annual Debt Service Cost	(\$1,458,603.65)

Community Impact	Debt Service %	Annual Service	Population	Annual Avg Flow (mgd)	EDU Estimate based on Flow	Cost per EDU
City of Albany	54.40%	(793,480.38)	100,081	23.4	94,968	\$ (8.36)
Town of Colonie	14.40%	(210,038.93)	42,577	5.5	22,321	\$ (9.41)
Village of Colonie	4.10%	(59,802.75)	7,705	1.1	4,464	\$ (13.40)
Guilderland	1.70%	(24,796.26)	5,462	0.7	2,841	\$ (8.73)
Menands	2.40%	(35,006.49)	4,503	1	4,058	\$ (8.63)
Watervliet	4.30%	(62,719.96)	10,285	1.9	7,711	\$ (8.13)
Green Island	11.90%	(173,573.83)	2,966	1.4	5,682	\$ (30.55)
Cohoes	6.80%	(99,185.05)	18,043	3.1	12,581	\$ (7.88)
Total		(1,458,603.65)	191,622	38.1	154,627	\$ (9.43)

Avg. People per House 2.24 ==> Based on 2024 Census Data for Albany County
 Flow per bedroom 110 gpd Based DEC Design Standards for Intermediate Sized Wastewater Systems
 Flow Estimate Per household 246.4 gpd per EDU
 NYS Comptroller Cost Limit \$299 ==> Sewer District Cost to Household limit

Notes:

1. Flow data based on averaged metered flows between March 2024 and February 2025

Debt Service Impact: North Plant Improvement Project

Baseline	Total
Capital Cost	\$72,594,000
Grants	\$0
Hardship Eligible	\$0
Interest Portion	\$72,594,000
Interest	4.5% ==> Assumed
Interest (Hardship)	0%
Term (years)	30
Annual Debt Service Cost	(\$4,456,657.67)

Community Impact	Debt Service %	Annual Service	Population	Annual Avg Flow (mgd)	EDU Estimate based on Flow	Cost per EDU
City of Albany	54.40%	(2,424,421.77)	100,081	23.4	94,968	\$ (25.53)
Town of Colonie	14.40%	(641,758.70)	42,577	5.5	22,321	\$ (28.75)
Village of Colonie	4.10%	(182,722.96)	7,705	1.1	4,464	\$ (40.93)
Guilderland	1.70%	(75,763.18)	5,462	0.7	2,841	\$ (26.67)
Menands	2.40%	(106,959.78)	4,503	1	4,058	\$ (26.35)
Watervliet	4.30%	(191,636.28)	10,285	1.9	7,711	\$ (24.85)
Green Island	11.90%	(530,342.26)	2,966	1.4	5,682	\$ (93.34)
Cohoes	6.80%	(303,052.72)	18,043	3.1	12,581	\$ (24.09)
Total		(4,456,657.67)	191,622	38.1	154,627	\$ (28.82)

Avg. People per House 2.24 ==> Based on 2024 Census Data for Albany County
 Flow per bedroom 110 gpd Based DEC Design Standards for Intermediate Sized Wastewater Systems
 Flow Estimate Per household 246.4 gpd per EDU
 NYS Comptroller Cost Limit \$299 ==> Sewer District Cost to Household limit

Notes:

1. Flow data based on averaged metered flows between March 2024 and February 2025

Debt Service Impact: South Plant Improvement Project

Baseline	Total
Capital Cost	\$41,042,000
Grants	\$0
Hardship Eligible	\$0
Interest Portion	\$41,042,000
Interest	4.5% ==> Assumed
Interest (Hardship)	0%
Term (years)	30
Annual Debt Service Cost	(\$2,519,631.70)

Community Impact	Debt Service %	Annual Service	Population	Annual Avg Flow (mgd)	EDU Estimate based on Flow	Cost per EDU
City of Albany	54.40%	(1,370,679.65)	100,081	23.4	94,968	\$ (14.43)
Town of Colonie	14.40%	(362,826.97)	42,577	5.5	22,321	\$ (16.25)
Village of Colonie	4.10%	(103,304.90)	7,705	1.1	4,464	\$ (23.14)
Guilderland	1.70%	(42,833.74)	5,462	0.7	2,841	\$ (15.08)
Menands	2.40%	(60,471.16)	4,503	1	4,058	\$ (14.90)
Watervliet	4.30%	(108,344.16)	10,285	1.9	7,711	\$ (14.05)
Green Island	11.90%	(299,836.17)	2,966	1.4	5,682	\$ (52.77)
Cohoes	6.80%	(171,334.96)	18,043	3.1	12,581	\$ (13.62)
Total		(2,519,631.70)	191,622	38.1	154,627	\$ (16.29)

Avg. People per House 2.24 ==> Based on 2024 Census Data for Albany County
 Flow per bedroom 110 gpd Based DEC Design Standards for Intermediate Sized Wastewater Systems
 Flow Estimate Per household 246.4 gpd per EDU
 NYS Comptroller Cost Limit \$299 ==> Sewer District Cost to Household limit

Notes:

1. Flow data based on averaged metered flows between March 2024 and February 2025

Debt Service Impact: HVAC Improvement Project

Baseline	Total
Capital Cost	\$1,500,000
Grants	\$0
Hardship Eligible	\$0
Interest Portion	\$1,500,000
Interest	4.5% ==> Assumed
Interest (Hardship)	0%
Term (years)	30
Annual Debt Service Cost	(\$92,087.31)

Community Impact	Debt Service %	Annual Service	Population	Annual Avg Flow (mgd)	EDU Estimate based on Flow	Cost per EDU
City of Albany	54.40%	(50,095.50)	100,081	23.4	94,968	\$ (0.53)
Town of Colonie	14.40%	(13,260.57)	42,577	5.5	22,321	\$ (0.59)
Village of Colonie	4.10%	(3,775.58)	7,705	1.1	4,464	\$ (0.85)
Guilderland	1.70%	(1,565.48)	5,462	0.7	2,841	\$ (0.55)
Menands	2.40%	(2,210.10)	4,503	1	4,058	\$ (0.54)
Watervliet	4.30%	(3,959.75)	10,285	1.9	7,711	\$ (0.51)
Green Island	11.90%	(10,958.39)	2,966	1.4	5,682	\$ (1.93)
Cohoes	6.80%	(6,261.94)	18,043	3.1	12,581	\$ (0.50)
Total		(92,087.31)	191,622	38.1	154,627	\$ (0.60)

Avg. People per House 2.24 ==> Based on 2024 Census Data for Albany County
 Flow per bedroom 110 gpd Based DEC Design Standards for Intermediate Sized Wastewater Systems
 Flow Estimate Per household 246.4 gpd per EDU
 NYS Comptroller Cost Limit \$299 ==> Sewer District Cost to Household limit

Notes:

1. Flow data based on averaged metered flows between March 2024 and February 2025