



Memorandum

TO: *Matthew Johnson*

FROM: *Steven Miller*

DATE: *March 16, 2018*

SUBJECT: *Jamestown System Development Fee Analysis*

WR Martin was commissioned by the Town of Jamestown to create Water and Sewer System Development Fees (SDF) considering current data so they comply with North Carolina House Bill 436 (HB 436). The bill was ratified to address fee inconsistencies among public providers including calculation methodologies and implementation. The new law provides specific guidelines that public water and sewer providers must follow to charge SDFs effective October 1, 2017. The law also provides a grace period through July 1, 2018 for public providers to create or update fees in accordance with the new procedures and conditions.

This analysis focused on reviewing the latest available fixed asset information and debt service data to determine the cost of capacity for the Town, and on developing other assumptions necessary to establish appropriate fee levels for different types of customers using the American Water Works Association (AWWA) System Buy In approach. This study documents the results of the various analyses and our recommendations for implementing SDFs to be charged to new customers connecting to the water and sewer systems.

SDFs are defined as one-time charges assessed against new development to recover a proportional share of the costs of capital facilities constructed to provide service capacity for new customers connecting to the water and sewer systems. Typically, the cost basis for setting capacity fees is based on the system components that are necessary to serve, and that provide benefit to, all customers. These components typically include land, lift stations, tanks, lines, and other equipment.

There are three approaches for calculating water and sewer SDFs outlined in HB 436. They include the following:

1. Buy In
2. Incremental Cost
3. Combination of the above

The Buy-In (Equity) Approach is used when a system has enough capacity to serve new development so developers buy in to existing infrastructure that the rate base has built and maintained. The Incremental Cost approach is used when new facilities must be built to serve new development. The Combination method is chosen when a system foresees a blend of existing and new infrastructure to serve anticipated development over the applicable planning horizon.

The System Buy-In Approach is appropriate for with the Town's status. The Town still has enough capacity to serve new development. This approach calculates a fee based upon the proportional cost of each user's share of existing capacity in core facilities. The cost of the facilities is based on fixed assets records and can include escalation of the depreciated value of any assets to current dollars when necessary. As previously noted, system assets include those listed in the Town depreciation report, staff reports, and in line inventory files.

These fees are one-time charges imposed at one of the following times depending upon the type of development:

1. New development that involves subdivision of land
 - a. Time of plat recordation, or
 - b. When water/sewer service for development is committed by local government
2. All other development
 - a. Time of application for connection of individual unit to water/sewer service

They are designed to recover a portion of the capital investment made by the Town to provide sufficient capacity in its system to serve new users. It should be emphasized that SDFs are charged to only new customers and consequently save existing users substantial capital costs over time.

The following are notable SDF attributes according to the University of North Carolina Environmental Finance Center:

- 39% of water and 44% of sewer rate structures in North Carolina charge SDFs.
- Nearly 78% of SDFs either vary by meter size or are fixed. Fees based upon usage, acreage, square footage, number of bedrooms, or line size are uncommon in North Carolina.
- Statewide average residential water and sewer SDFs are approximately \$1,000 and \$1,498 respectively.

After reviewing the alternative SDF methodologies, the consensus was to pursue the American Water Works Association (AWWA) System Buy In methodology because it was defensible, relatively easy to explain to customers, and generally easy to implement. Our approach and conclusions are as follows:

BUY IN METHODOLOGY

SDFs using the Buy In methodology are derived from estimated values for the water and sewer system's assets. The methodology begins with assigning values to the water and sewer systems. The calculation of the values uses a tabulation of water and sewer assets derived from the Town's depreciation report and other sources. The values are separated and assigned to either water or sewer. When no information is available to allocate an asset to water or sewer, it is assigned equally between each.

Because the Town's depreciation report lacks records for some water and sewer assets, we have analyzed the latest available inventory data for water and sewer lines and utilized Town staff estimates for some other assets. This inventory data, showing the ages, diameters, and linear feet, was used to determine a value of the components using today's estimated hard and soft costs for line installation. After calculating a cost for replacing each line in today's dollars, the analysis depreciated each cost according to the age of each. Recently installed water and sewer lines retain more of their value than those installed several decades ago. If a water or sewer line is older than its expected useful life, it was assumed that 10% of its replacement value remained. Any line data from the depreciation report was replaced with the data derived from the inventory reports. Line inventory data and valuations are shown in the Appendix.

It is estimated that the water system's replacement value is approximately \$6.7 million and the sewer system is approximately \$10.0 million, as shown in Table 1. Though any grant funding must be deducted from the system values, Town staff state that grants did not fund any infrastructure. Also included in the rightmost column of the table is the source for each estimate. However, to account for outstanding debt used to pay for the system, the principal balances of the water and sewer enterprise fund's loans totaling \$1.8 million are deducted from the water and sewer systems' values to determine the net system value. After debt is considered, the net value of the water system is approximately \$5.37 million and the net value of the sewer system is approximately \$9.58 million. These values have been reviewed by the Town's Public Services Director, Finance Director, and Assistant Town Manager.

TABLE 1		
TOWN OF JAMESTOWN		
WATER & SEWER SYSTEM VALUE		
	NET	
	BOOK VALUE	SOURCE
WATER		
BUILDING	\$2,811.45	DEPRECIATION REPORT
EQUIPMENT	\$70,634.87	DEPRECIATION REPORT
LINES	\$5,573,944.48	LINE DATA
TANK	\$57,869.12	DEPRECIATION REPORT
VEHICLE	\$56,614.27	DEPRECIATION REPORT
PUBLIC SERVICES FACILITY	\$625,963.00	TOWN STAFF
NEW LINES	\$330,690.00	TOWN STAFF
TOTAL WATER VALUE	\$6,718,527.19	
	40.06%	
SEWER		
BUILDING	\$2,811.45	DEPRECIATION REPORT
EQUIPMENT	\$164,044.87	DEPRECIATION REPORT
LINES	\$9,097,055.00	LINE DATA
LS	\$107,791.00	DEPRECIATION REPORT
VEHICLE	\$56,614.27	DEPRECIATION REPORT
PUBLIC SERVICES FACILITY	\$625,963.00	TOWN STAFF
NEW LINES AND LS	\$681,925.00	TOWN STAFF
TOTAL SEWER VALUE	\$10,054,279.60	
	59.94%	
TOTAL	\$16,772,806.79	
	100.00%	

To allocate the two system values to users, an analysis of existing customer usage is necessary to determine the equivalent units of residential customers. First, residential users are separated from non-residential users. Then, the average monthly flow per residential user is calculated using historical flow data. As seen in Table 2, at the time of the study there were:

- 1,570 residential inside water users,
- 866 residential outside water users,
- 1,404 residential inside sewer users and
- 829 residential outside sewer users

The average monthly residential water and sewer flows of 3,864 gallons and 3,635 gallons respectively, are reflected in Table 2.

TABLE 2						
TOWN OF JAMESTOWN						
USER EQUIVALENTS						
			Monthly	Annual	Average Monthly	
		Number	Consumption	Consumption	Consumption per User *	User
		of users	in gal	in gal	in gal	Equivalents
Water	Res Inside	1,570	6,312,970	75,755,640	4,021	1,634
	Res Outside	866	3,098,548	37,182,576	3,578	802
	Comm Inside	173	5,804,323	69,651,876		1,502
	Comm Outside	3	24,591	295,092		6
	TOTAL	2,612	15,240,432	182,885,184	3,864	3,945
Sewer	Res Inside	1,404	5,120,388	61,444,656	3,647	1,409
	Res Outside	829	2,996,006	35,952,072	3,614	824
	Comm Inside	161	6,400,394	76,804,728		1,761
	Comm Outside	4	24,592	295,104		7
	TOTAL	2,398	14,541,380	174,496,560	3,635	4,001
* Average consumption figures taken from Town July 2017 - Feb 2018 usage summary.						

Inside residential water customers use more water per month than the weighted average usage of all customers, 4,021 gallons per month vs 3,864 gallons per month. Therefore, when the count of 1,570 residential inside water users are applied to the weighted average of 3,864 gallons, the overall count of equivalent residential users (ERUs) is 1,634, or 1,570 customers multiplied by 4,021 gallons and divided by 3,864 cubic feet. The same application of residential outside customer counts and usage yields 802 ERUs. Sewer and commercial customers are converted to ERUs using the same prorated methodology. Once the count within each customer class is converted to an ERU, the number of water and sewer ERUs are totaled to yield 3,945 water ERUs and 4,001 sewer ERUs.

The water and sewer system net values are further divided by the respective number of ERUs to yield maximum SDFs for a 3/4-inch meter of \$1,362 for water and \$2,395 for sewer, as shown in Table 3.

TABLE 3		
TOWN OF JAMESTOWN		
SYSTEM DEVELOPMENT FEES		
TOTAL VALUE OF WATER SYSTEM	\$6,718,527	
LESS GRANTS	\$0	
LESS OUTSTANDING DEBT PRINCIPAL	\$1,345,765	
NET	\$5,372,762	
DIVIDED BY RESIDENTIAL USER EQUIVALENTS	3,945	
RECOVERY CHARGE FOR 3/4 INCH METERS	\$1,362	WATER
TOTAL VALUE OF SEWER SYSTEM	\$10,054,280	
LESS GRANTS	\$0	
LESS OUTSTANDING DEBT PRINCIPAL	\$474,120	
NET	\$9,580,160	
DIVIDED BY RESIDENTIAL USER EQUIVALENTS	4,001	
RECOVERY CHARGE FOR 3/4 INCH METERS	\$2,395	SEWER

To account for a 2:1 differential between outside and inside user charges, the fees are factored by the ratios of inside to outside customers to yield weighted inside and outside SDFs, as shown in Table 4.

TABLE 4				
TOWN OF JAMESTOWN				
WEIGHTED SYSTEM DEVELOPMENT FEES				
FOR 3/4" METER				
		Weight	Weighted Fees	
Water	Inside	64.45%	\$1,005	
	Outside	35.55%	\$2,010	
Weighted total		100.00%	\$1,362	\$1,362
Sewer	Inside	62.88%	\$1,747	
	Outside	37.12%	\$3,493	
Weighted total		100.00%	\$2,395	\$2,395

For non-residential customers with larger meters, the maximum fees for the smallest residential meter are used and then scaled up by their meter flow ratios for each meter size, as specified by the AWWA. For example, a 1-inch meter has a maximum water flow of 50 gallons per minute, which is 1.67 times greater than the 3/4-inch meter maximum flow of 30 gpm. Therefore the 3/4-inch meter fee is multiplied by 1.67 to yield the 1-inch meter fee. This method provides an approach that is simple to administer and equitable for most new customers.

OTHER HB 436 CONSIDERATIONS

Upon receiving SDF calculations, the Town is required by HB 436 to adhere to the following procedures:

- **PUBLIC COMMENT** – The Town must allow for public comment on the Analysis. The public comment period must last for at least 45 days. The fee sent out for comment is as prepared by the professional, not the governing board. Likewise, the fee preparer of the analysis considers the public comment, not the governing board.
- **PUBLIC HEARING** – The Town must conduct a public hearing after the comment period. After the public hearing, the professional determines if any modifications are required.
- **ADOPTION** - After the consideration of comments, the fee must be adopted by the governing board at a later date. The fee must be adopted by resolution or ordinance and published in the Town’s annual budget ordinance.
- **USE** - The new law prescribes specific uses for the funds collected through SDFs into a reserve fund. They include:
 - Costs of previously completed capital improvements for which capacity exists and capital rehabilitation projects. Rehabilitation includes repairs, maintenance, modernization, upgrades, updates, replacement, or correction of deficiencies of any facility.
 - Expansion or other undertaking to increase the level of preexisting level of service for existing development.

RECOMMENDATIONS

An alternative that helps manage the magnitude of SDFs is to charge a fee based on a fraction of the system values. The Town has the flexibility to discount the total valuation of its systems by a factor that the Town deems appropriate. For example, SDFs reduced to State averages for 3/4-inch inside water and sewer meters respectively compute to \$1,000 and \$1,500 for inside water and sewer users. The fees for meter sizes larger than 3/4 inch are also calculated by prorating the meter size by the maximum flow factor of each meter, as shown in Table 5.

TABLE 5
TOWN OF JAMESTOWN
SYSTEM DEVELOPMENT FEES FOR VARIOUS METER SIZES

Connection size (inches)	Max flow gpm	Water		Sewer	
		inside	outside	inside	outside
3/4	30	\$1,000	\$2,000	\$1,500	\$3,000
1	50	\$1,670	\$3,330	\$2,500	\$5,000
1.5	100	\$3,330	\$6,670	\$5,000	\$10,000
2	160	\$5,330	\$10,670	\$8,000	\$16,000
3	320	\$10,670	\$21,330	\$16,000	\$32,000
4	500	\$16,670	\$33,330	\$25,000	\$50,000
6	1000	\$33,330	\$66,670	\$50,000	\$100,000
8	1600	\$53,330	\$106,670	\$80,000	\$160,000
10	2300	\$76,670	\$153,330	\$115,000	\$230,000
12	3100	\$103,330	\$206,670	\$155,000	\$310,000

The law allows the Town to charge any fraction of the SDFs yielded from the methodology in Table 4.

CONCLUSIONS

The Town has not charged System Development Fees in the past. Nonetheless, SDF's can provide a diversification of the Town's water and sewer fund revenue stream and a revenue source that lessens future water and sewer rate increases. These fees should be viewed as important to ensure the equitable distribution of cost responsibilities between existing and future rate payers. Consequently, they must be reviewed at least every five years to account for changes in system usage and valuations to abide by HB 436.

APPENDIX

1. Depreciation report
2. Water and sewer line data

DRAFT

DEPRECIATION REPORT

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Ass Fund	Capital Debit	Tag	Acq Date	Function	Depr Meth	Life	Acq Cost	Salv Value	Prev Depr	Curr Depr	Total Depr	Current Value	Description
30	1724	17	06/30/2007	7100	SL	50	340,215.00	0.00	61805.70	6804.30	68,610.00	271,605.00	12" Water Line to Scientific
30	1724	21	06/30/2007	7100	SL	50	26,026.00	0.00	4727.68	520.52	5,248.20	20,777.80	8" Water Line on Mackay Rd
30	1724	41	05/23/2008	7100	SL	50	50,332.00	0.00	8161.12	1006.64	9,167.76	41,164.24	Ragsdale Water Line
30	1724	42	06/30/2008	7100	SL	50	11,554.00	0.00	1849.64	231.08	2,080.72	9,473.28	Water Line to Vehicle Wash Facility
30	1724	57	06/15/1956	7100	SL	50	131,428.00	0.00	131428.00	0.00	131,428.00	0.00	WATER IMPROVEMENTS
30	1724	59	06/30/2009	7100	SL	50	60,000.00	0.00	8403.29	1200.00	9,603.29	50,396.71	1300 LF of 12" water main along Guilford
30	1724	61	06/30/2009	7100	SL	50	226,451.00	0.00	31715.14	4529.02	36,244.16	190,206.84	Forestdale Water Line
30	1724	62	06/30/2009	7100	SL	50	31,210.00	0.00	4371.40	624.20	4,995.60	26,214.40	Brookdale Water Line
30	1724	64	06/15/1969	7100	SL	50	54,834.00	0.00	51551.80	1096.68	52,648.48	2,185.52	TRANSFER WATER TANKS
30	1724	66	06/15/1971	7100	SL	50	99,806.00	0.00	89823.20	1996.12	91,819.32	7,986.68	WATER IMPROVEMENTS
30	1724	69	06/15/1975	7100	SL	50	109,162.00	0.00	90599.40	2183.24	92,782.64	16,379.36	WATER IMP FORESTDALE
30	1724	71	06/15/1975	7100	SL	50	135,359.00	0.00	112344.80	2707.18	115,051.98	20,307.02	ELEVATED TANK FORESTDALE
30	1724	83	06/15/1986	7100	SL	50	106,898.00	0.00	64317.60	2137.96	66,455.56	40,442.44	GUILFORD RD WATER EXT
30	1724	84	06/23/2010	7100	SL	40	36,076.00	0.00	5431.40	901.90	6,333.30	29,742.70	Shannon Gray water lines
30	1724	85	11/15/1988	7100	SL	50	248,756.00	0.00	137644.20	4975.12	142,619.32	106,136.68	MONTANK LINE CLEAN
30	1724	86	06/01/1990	7100	SL	50	2,200,000.00	0.00	1147667.00	44000.00	1,191,667.00	1,008,333.00	DONATED LINES C WOOD
30	1724	93	05/31/1991	7100	SL	50	114,721.00	0.00	57739.20	2294.42	60,033.62	54,687.38	VICKERY CH WAT LINES
30	1724	112	06/30/2010	7100	SL	50	243,312.00	0.00	29210.44	4866.24	34,076.68	209,235.32	Guilford Road Water Line Replacement
30	1724	126	06/30/1995	7100	SL	50	120,000.00	0.00	50400.00	2400.00	52,800.00	67,200.00	CONTR LINES WELLINGTON
30	1724	128	06/30/1996	7100	SL	50	100,000.00	0.00	40167.00	2000.00	42,167.00	57,833.00	CONTR LINES FOX HOLLOW
30	1724	133	06/30/1996	7100	SL	50	150,000.00	0.00	60250.00	3000.00	63,250.00	86,750.00	CONTR LINES WITTINGT
30	1724	138	05/30/1997	7100	SL	50	68,416.00	0.00	26225.20	1368.32	27,593.52	40,822.48	WATER LINES
30	1724	141	06/09/1997	7100	SL	50	79,608.00	0.00	30383.60	1592.16	31,975.76	47,632.24	WATER LINES
30	1724	146	06/30/1997	7100	SL	50	100,000.00	0.00	38167.00	2000.00	40,167.00	59,833.00	CONTR LINES FOX HOLLOW
30	1724	147	06/30/1997	7100	SL	50	150,000.00	0.00	57250.00	3000.00	60,250.00	89,750.00	CONTR LINES WHITT II
30	1724	152	06/30/1998	7100	SL	50	200,000.00	0.00	72333.00	4000.00	76,333.00	123,667.00	CONTR LINES WHITT #2
30	1724	162	06/30/1999	7100	SL	50	67,054.00	0.00	22909.80	1341.08	24,250.88	42,803.12	WATER LINES JUNE WIL
30	1724	171	07/01/2012	7100	SL	40	21,298.00	0.00	2129.80	532.45	2,662.25	18,635.75	Water Line - Havershire
30	1724	172	11/30/2012	7100	SL	40	49,190.00	0.00	4406.88	1229.75	5,636.63	43,553.37	Water line - Potter
30	1724	194	06/30/2014	7100	SL	50	169,140.00	0.00	4146.60	2070.30	6,216.90	162,923.10	Water line Kearns Street
30	1724	226	02/28/2017	7100	SL	50	114,654.00	0.00	0.00	772.74	772.74	113,881.26	Gannaway water line
30	1724	241	06/30/2000	7100	SL	50	166,667.00	0.00	53611.40	3333.34	56,944.74	109,722.26	WATER LINES RIVERWALK
30	1724	441	06/30/2005	7100	SL	50	42,456.00	0.00	9411.20	849.12	10,260.32	32,195.68	WATER LINE PARK
30	1724	460	06/30/2005	7100	SL	50	126,461.00	0.00	28032.20	2529.22	30,561.42	95,899.58	WATER LINE MAIN STREET
30	1724	531	06/30/2006	7100	SL	50	9,432.00	0.00	1902.40	188.64	2,091.04	7,340.96	WATER LINES JUDGES COURT
30	1726	22	06/15/1963	7100	SL	50	720,511.00	0.00	720511.00	0.00	720,511.00	0.00	SEWER IMPROVEMENTS
30	1726	23	06/15/1964	7100	SL	50	142,755.00	0.00	142755.00	0.00	142,755.00	0.00	SEWER IMPROVEMENTS
30	1726	24	01/25/2007	7100	SL	30	19,916.00	0.00	6306.83	663.87	6,970.70	12,945.30	Reline Sewer Lines
30	1726	28	06/15/1975	7100	SL	50	62,247.00	0.00	51666.40	1244.94	52,911.34	9,335.66	SEWER IMPROVEMENTS
30	1726	31	06/15/1978	7100	SL	50	79,537.00	0.00	59652.40	1590.74	61,243.14	18,293.86	RAGSDALE ACRES SEWER
30	1726	43	06/30/2008	7100	SL	50	14,280.00	0.00	2285.58	285.60	2,571.18	11,708.82	Sewer Line to Vehicle Wash Facility
30	1726	45	12/15/1983	7100	SL	50	75,475.00	0.00	49191.00	1509.50	50,700.50	24,774.50	MENDENHALL PUMP STATION

30	1726	47	01/15/1985	7100 SL	50	279,879.00	0.00	176328.80	5597.58	181,926.38	97,952.62 CONNECTION WITH HP
30	1726	48	02/15/1985	7100 SL	50	54,717.00	0.00	34376.40	1094.34	35,470.74	19,246.26 E FORK RD SEWER EXT
30	1726	53	12/15/1987	7100 SL	50	1,417,616.00	0.00	810400.20	28352.32	838,752.52	578,863.48 AF SEWER LIN/BR INTER
30	1726	63	06/30/2009	7100 SL	30	173,707.00	0.00	40547.61	5790.23	46,337.84	127,369.16 Reline sewer lines
30	1726	81	06/23/2010	7100 SL	40	291,421.00	0.00	43873.18	7285.53	51,158.71	240,262.29 Sewer Lines at Shannon Gray Nursing
30	1726	82	06/23/2010	7100 SL	40	57,000.00	0.00	8581.00	1425.00	10,006.00	46,994.00 Shannon Gray sewer lines paid by Town
30	1726	127	06/30/1995	7100 SL	50	120,000.00	0.00	50400.00	2400.00	52,800.00	67,200.00 CONTR WELLINGTON
30	1726	129	06/30/1996	7100 SL	50	100,000.00	0.00	40167.00	2000.00	42,167.00	57,833.00 CONTR FOX HOLLOW
30	1726	131	06/30/1996	7100 SL	50	150,000.00	0.00	60250.00	3000.00	63,250.00	86,750.00 CONTR WITTINGTON HALL
30	1726	136	06/24/2011	7100 SL	20	36,510.00	0.00	9162.50	1825.50	10,988.00	25,522.00 Sewer pump upgrade at Mendenhall
30	1726	145	01/12/2011	7100 SL	40	62,045.00	0.00	8477.65	1551.13	10,028.78	52,016.22 Gravity sewer at Scientific
30	1726	148	06/30/1997	7100 SL	50	150,000.00	0.00	57250.00	3000.00	60,250.00	89,750.00 CONTR LINES WHITT II
30	1726	150	06/30/1997	7100 SL	50	100,000.00	0.00	38167.00	2000.00	40,167.00	59,833.00 CONTR LINES FOX HOLLOW
30	1726	151	06/30/1998	7100 SL	50	300,000.00	0.00	108500.00	6000.00	114,500.00	185,500.00 CONTR LINES WHITT #2
30	1726	173	01/13/2013	7100 SL	20	57,634.00	0.00	9312.23	2881.70	12,193.93	45,440.07 Outfall line improvements - Jamestown Oaks
30	1726	178	06/30/2013	7100 SL	20	236,138.00	0.00	35436.70	11806.90	47,243.60	188,894.40 Reline sewer mains - Jamestown Oaks
30	1726	179	08/28/2013	7100 SL	30	117,865.00	0.00	11162.19	3928.83	15,091.02	102,773.98 Sewer line Gardner Hill Station
30	1726	221	06/30/2000	7100 SL	50	333,333.00	0.00	107222.60	6666.66	113,889.26	219,443.74 SEWER LINES RIVERWALK
30	1726	224	08/31/2016	7100 SL	50	147,827.00	0.00	0.00	2462.00	2,462.00	145,365.00 SEWER IMPROVEMENTS
30	1726	225	12/08/2016	7100 SL	50	13,529.00	0.00	0.00	152.00	152.00	13,377.00 SEWER PUMP Clifton Park
30	1726	231	06/30/2000	7100 SL	50	98,322.00	0.00	31627.40	1966.44	33,593.84	64,728.16 SEWER IMPROVEMENTS
30	1726	310	06/30/2001	7100 SL	50	60,000.00	0.00	18100.00	1200.00	19,300.00	40,700.00 JAMESTOWN OAKS PHASE I SEWER LINES
30	1726	320	06/30/2002	7100 SL	30	328,225.00	0.00	154083.30	10940.83	165,024.13	163,200.87 REHABILITATE SEWER LINES
30	1726	390	06/30/2004	7100 SL	50	50,000.00	0.00	12083.00	1000.00	13,083.00	36,917.00 SEWER LINES JORDAN'S WALK
30	1726	410	06/30/2004	7100 SL	50	107,643.00	0.00	26013.60	2152.86	28,166.46	79,476.54 SEWER LINES
30	1726	450	06/30/2005	7100 SL	50	49,282.00	0.00	10924.40	985.64	11,910.04	37,371.96 SEWER LINE PARK
30	1726	470	06/30/2005	7100 SL	50	16,429.00	0.00	3641.80	328.58	3,970.38	12,458.62 SEWER PUMP PARK
30	1726	511	03/30/2006	7100 SL	30	166,650.00	0.00	57402.00	5555.00	62,957.00	103,693.00 RELINE SEWER LINES
30	1726	521	03/24/2006	7100 SL	50	82,965.00	0.00	17146.00	1659.30	18,805.30	64,159.70 REPLACE SEWER LINES
30	1730	16	06/15/1967	7100 SL	20	9,630.00	0.00	9630.00	0.00	9,630.00	0.00 UTILITY BUILDING
30	1730	18	06/15/1974	7100 SL	20	23,537.00	0.00	23537.00	0.00	23,537.00	0.00 SEWAGE LIFT STATION
30	1730	19	06/15/1978	7100 SL	20	36,599.00	0.00	36599.00	0.00	36,599.00	0.00 MAINTENANCE BUILDING
30	1730	137	10/22/1996	7100 SL	20	10,000.00	0.00	9875.00	125.00	10,000.00	0.00 SHED
30	1750	4	04/18/2007	7100 SL	5	25,070.95	0.00	25070.95	0.00	25,070.95	0.00 Black Mountain Accounting System software
30	1750	9	06/30/1987	7100 SL	10	12,782.00	0.00	12782.00	0.00	12,782.00	0.00 FORD TRACTOR 3910
30	1750	11	05/29/2007	7100 SL	5	6,414.00	0.00	6414.00	0.00	6,414.00	0.00 GPS from Duncan Parnell
30	1750	12	06/27/2007	7100 SL	10	59,500.00	0.00	54046.00	5454.00	59,500.00	0.00 Sewer Vacuum, trailer mounted
30	1750	26	04/17/2008	7100 SL	10	45,000.00	0.00	36925.00	4500.00	41,425.00	3,575.00 Saturn III Color TV Inspection system
30	1750	33	09/29/2006	7100 SL	5	13,336.00	0.00	13336.00	0.00	13,336.00	0.00 Sensus Metering System
30	1750	37	06/11/2008	7100 SL	10	13,220.00	0.00	10648.44	1322.00	11,970.44	1,249.56 Leonard Shed (moveable)
30	1750	58	04/17/2008	7100 SL	10	10,945.00	0.00	8981.00	1094.50	10,075.50	869.50 2007 Hallmark Trailer, purchased with
30	1750	80	06/30/2010	7100 SL	10	104,400.00	0.00	62669.00	10440.00	73,109.00	31,291.00 Sewer Jet Machine mounted on 2011 Ford
30	1750	105	08/30/1993	7100 SL	10	5,689.00	0.00	5689.00	0.00	5,689.00	0.00 BUILD A BOX SHORING

30	1750	107	08/24/1993	7100 SL	10	10,035.00	0.00	10035.00	0.00	10,035.00	0.00	8" METER AND BYPASS-FOXHOLLOW
30	1750	116	05/26/2011	7100 SL	10	5,535.00	0.00	2822.09	553.50	3,375.59	2,159.41	2011 Enclosed Cargo Trailer
30	1750	119	06/07/2011	7100 SL	10	6,960.00	0.00	3525.76	696.00	4,221.76	2,738.24	Wildcat 52 26 HP
30	1750	155	10/01/2011	7100 SL	10	45,357.00	0.00	21547.68	4535.70	26,083.38	19,273.62	Skid Steer and accessories
30	1750	163	04/01/2012	7100 SL	5	8,700.00	0.00	7394.00	1306.00	8,700.00	0.00	Canon PF755 Plotter and Scanner Combo
30	1750	164	10/01/2011	7100 SL	10	54,056.00	0.00	25680.30	5405.60	31,085.90	22,970.10	Skid Steer and attachments
30	1750	165	06/30/2012	7100 SL	50	92,579.00	0.00	7411.32	1851.58	9,262.90	83,316.10	Robbins Water Line
30	1750	167	03/26/2013	7100 SL	10	14,500.00	0.00	4735.34	1450.00	6,185.34	8,314.66	2000 JCB Backhoe 215E
30	1750	170	10/29/2012	7100 SL	10	30,834.00	0.00	11319.88	3083.40	14,403.28	16,430.72	Kubota Cab Tractor w/ 6 foot box blade
30	1750	183	11/22/2013	7100 SL	7	12,185.00	0.00	4535.39	1740.71	6,276.10	5,908.90	Kubota RTV-X900W-H Utility Vehicle
30	1750	198	11/06/2014	7100 SL	10	5,568.00	0.00	918.80	556.80	1,475.60	4,092.40	Teledyne Refrigerated Sampler
30	1750	212	02/10/2016	7100 SL	10	13,370.00	0.00	520.00	1337.00	1,857.00	11,513.00	GENERATOR
30	1750	213	04/21/2016	7100 SL	10	19,931.00	0.00	388.00	1993.10	2,381.10	17,549.90	BACKFLOW DEVICE
30	1750	218	09/01/2016	7100 SL	10	10,260.00	0.00	0.00	852.00	852.00	9,408.00	VIVAX lateral camera inspection system
30	1750	219	05/15/2017	7100 SL	10	56,902.00	0.00	0.00	733.00	733.00	56,169.00	Trailer mounted high pressure sewer
30	1750	223	05/10/2017	7100 SL	10	29,729.00	0.00	0.00	424.00	424.00	29,305.00	Lift system
30	1750	371	07/25/2002	7100 SL	10	62,748.00	0.00	62748.00	0.00	62,748.00	0.00	BACKHOE
30	1750	420	06/30/2004	7100 SL	10	162,893.00	0.00	162893.00	0.00	162,893.00	0.00	WATER TANK RECOATING
30	1750	431	04/01/2005	7100 SL	5	9,984.00	0.00	9984.00	0.00	9,984.00	0.00	CARRYALL 294 DIESEL 4*4 CLUB CAR
30	1750	480	06/30/2005	7100 SL	10	157,894.00	0.00	157894.00	0.00	157,894.00	0.00	WATER TANK RECOATING
30	1750	501	08/18/2005	7100 SL	5	7,950.00	0.00	7950.00	0.00	7,950.00	0.00	SEEKER LATERAL COLOR CAMERA SYSTEM
30	1760	6	06/26/2007	7100 SL	5	28,245.27	0.00	28245.27	0.00	28,245.27	0.00	2007 Chev Silverado Service truck
30	1760	30	05/14/2008	7100 SL	10	41,603.00	0.00	33829.40	4160.30	37,989.70	3,613.30	2007 Chevrolet Kodiak C4500 truck with
30	1760	32	08/31/2006	7100 SL	5	23,922.00	0.00	23922.00	0.00	23,922.00	0.00	2006 Chevrolet Trail Blazer
30	1760	77	12/01/2009	7100 SL	6	28,805.00	0.00	28805.00	0.00	28,805.00	0.00	2009 Chev Silverado 2500 Truck
30	1760	134	06/30/2011	7100 SL	10	33,073.00	0.00	16545.50	3307.30	19,852.80	13,220.20	2011 Chevrolet Service truck
30	1760	160	08/21/1998	7100 SL	6	18,472.00	0.00	18472.00	0.00	18,472.00	0.00	FORD F800 DUMP TRUCK
30	1760	169	01/02/2013	7100 SL	5	28,582.00	0.00	19968.20	5716.40	25,684.60	2,897.40	2013 Silverado 2500
30	1760	184	09/26/2013	7100 SL	5	30,698.11	0.00	16955.24	6139.62	23,094.86	7,603.25	2014 Chevrolet Silverado 2500 service
30	1760	185	05/16/2014	7100 SL	7	82,280.00	0.00	24989.94	11754.29	36,744.23	45,535.77	2015 International 4300 Dump truck
30	1760	211	07/16/2015	7100 SL	5	27,776.00	0.00	5144.00	5555.20	10,699.20	17,076.80	2016 Ford Explorer
30	1760	260	11/30/2000	7100 SL	5	25,304.00	0.00	25304.00	0.00	25,304.00	0.00	2001 DODGE RAM 2500 TRUCK
30	1760	361	10/05/2001	7100 SL	5	22,545.00	0.00	22545.00	0.00	22,545.00	0.00	2002 FORD EXPLORER
30	1760	400	03/19/2004	7100 SL	5	25,251.00	0.00	25251.00	0.00	25,251.00	0.00	FORD TRUCK
30	1760	491	07/28/2005	7100 SL	5	32,038.00	0.00	32038.00	0.00	32,038.00	0.00	2005 CHEVROLET PICKUP TRUCK (3500 DIESEL)

TOTALS 13,876,661 6,694,041 330,672 7,024,713 6,851,948

WATER AND SEWER LINE DATA

DRAFT

**JAMESTOWN WATER SYSTEM
VALUE OF WATER LINES
DRAFT**

INSTALL YEAR	DIAMETER	LENGTH	0.75	1	1.25	1.5	2	2.5	3	4	6	8	10	12	16	24	36	42	Unit cost	Total cost	Life	Age	Rounded				Current Value
			\$18.50	\$18.50	\$18.50	\$18.50	\$18.50	\$18.50	\$28.00	\$28.00	\$35.00	\$44.00	\$53.00	\$65.00	\$85.00	\$210.00	\$285.00	\$435.00					Remaining life	Remaining life	Remaining life	Remaining life	
1960	1	1338.890579	\$0	\$19	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$18.50	\$24,769.48	75	57	24%	18	20	\$5,944.67	
1960	1	699.752163	\$0	\$19	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$18.50	\$12,945.42	75	57	24%	18	20	\$3,106.90	
1960	1	112.241946	\$0	\$19	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$18.50	\$2,076.48	75	57	24%	18	20	\$498.35	
1987	1	63.702368	\$0	\$19	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$18.50	\$1,178.49	75	30	60%	45	50	\$707.10	
1987	1	21.022117	\$0	\$19	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$18.50	\$388.91	75	30	60%	45	50	\$233.35	
1987	1	1191.15133	\$0	\$19	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$18.50	\$22,036.30	75	30	60%	45	50	\$13,221.78	
1987	1	1141.387433	\$0	\$19	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$18.50	\$21,115.67	75	30	60%	45	50	\$12,669.40	
1987	1	50.636402	\$0	\$19	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$18.50	\$936.77	75	30	60%	45	50	\$562.06	
1996	1	13.373493	\$0	\$19	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$18.50	\$247.41	75	21	72%	54	50	\$178.13	
1938	2	344.675288	\$0	\$0	\$0	\$0	\$19	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$18.50	\$6,376.49	75	79	10%	7.5	10	\$637.65	
1948	2	15.365066	\$0	\$0	\$0	\$0	\$19	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$18.50	\$284.25	75	69	10%	7.5	10	\$28.43	
1955	2	1510.772965	\$0	\$0	\$0	\$0	\$19	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$18.50	\$27,949.30	75	62	17%	13	10	\$4,844.55	
1956	2	976.514084	\$0	\$0	\$0	\$0	\$19	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$18.50	\$18,065.51	75	61	19%	14	10	\$3,372.23	
1965	2	521.910513	\$0	\$0	\$0	\$0	\$19	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$18.50	\$9,655.34	75	52	31%	23	20	\$2,960.97	
1965	2	705.693458	\$0	\$0	\$0	\$0	\$19	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$18.50	\$13,055.33	75	52	31%	23	20	\$4,003.63	
1965	2	9.711923	\$0	\$0	\$0	\$0	\$19	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$18.50	\$179.67	75	52	31%	23	20	\$55.10	
1965	2	3.350427	\$0	\$0	\$0	\$0	\$19	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$18.50	\$61.98	75	52	31%	23	20	\$19.01	
1966	2	773.996644	\$0	\$0	\$0	\$0	\$19	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$18.50	\$14,318.94	75	51	32%	24	20	\$4,582.06	
1966	2	665.707261	\$0	\$0	\$0	\$0	\$19	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$18.50	\$12,315.58	75	51	32%	24	20	\$3,940.99	
1966	2	244.698834	\$0	\$0	\$0	\$0	\$19	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$18.50	\$4,526.93	75	51	32%	24	20	\$1,448.62	
1966	2	263.164361	\$0	\$0	\$0	\$0	\$19	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$18.50	\$4,868.54	75	51	32%	24	20	\$1,557.93	
1971	2	232.923804	\$0	\$0	\$0	\$0	\$19	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$18.50	\$4,309.09	75	46	39%	29	30	\$1,666.18	
1972	2	55.083949	\$0	\$0	\$0	\$0	\$19	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$18.50	\$1,019.05	75	45	40%	30	30	\$407.62	
1981	2	130.267441	\$0	\$0	\$0	\$0	\$19	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$18.50	\$2,409.95	75	36	52%	39	40	\$1,253.17	
1981	2	77.40065	\$0	\$0	\$0	\$0	\$19	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$18.50	\$1,431.91	75	36	52%	39	40	\$744.59	
1987	2	36.673537	\$0	\$0	\$0	\$0	\$19	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$18.50	\$678.46	75	30	60%	45	50	\$407.08	
1987	2	69.093661	\$0	\$0	\$0	\$0	\$19	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$18.50	\$1,278.23	75	30	60%	45	50	\$766.94	
1987	2	418.810452	\$0	\$0	\$0	\$0	\$19	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$18.50	\$7,747.99	75	30	60%	45	50	\$4,648.80	
1987	2	35.445498	\$0	\$0	\$0	\$0	\$19	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$18.50	\$655.74	75	30	60%	45	50	\$393.45	
1987	2	115.337755	\$0	\$0	\$0	\$0	\$19	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$18.50	\$2,133.75	75	30	60%	45	50	\$1,280.25	
1987	2	359.522952	\$0	\$0	\$0	\$0	\$19	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$18.50	\$6,651.17	75	30	60%	45	50	\$3,990.70	
1987	2	337.941192	\$0	\$0	\$0	\$0	\$19	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$18.50	\$6,251.91	75	30	60%	45	50	\$3,751.15	
1987	2	12.755071	\$0	\$0	\$0	\$0	\$19	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$18.50	\$235.97	75	30	60%	45	50	\$141.58	
1987	2	509.049659	\$0	\$0	\$0	\$0	\$19	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$18.50	\$9,417.42	75	30	60%	45	50	\$5,650.45	
1987	2	37.941496	\$0	\$0	\$0	\$0	\$19	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$18.50	\$701.92	75	30	60%	45	50	\$421.15	
1987	2	30.476948	\$0	\$0	\$0	\$0	\$19	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$18.50	\$563.82	75	30	60%	45	50	\$338.29	
1987	2	175.66566	\$0	\$0	\$0	\$0	\$19	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$18.50	\$3,249.81	75	30	60%	45	50	\$1,949.89	
1988	2	324.731561	\$0	\$0	\$0	\$0	\$19	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$18.50	\$6,007.53	75	29	61%	46	50	\$3,684.62	
1988	2	356.680157	\$0	\$0	\$0	\$0	\$19	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$18.50	\$6,598.58	75	29	61%	46	50	\$4,047.13	
1988	2	463.624654	\$0	\$0	\$0	\$0	\$19	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$18.50	\$8,577.06	75	29	61%	46	50	\$5,260.59	
1990	2	212.600927	\$0	\$0	\$0	\$0	\$19	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$18.50	\$3,933.12	75	27	64%	48	50	\$2,517.19	
1995	2	102.366989	\$0	\$0	\$0	\$0	\$19	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$18.50	\$1,893.79	75	22	71%	53	50	\$1,338.28	
1995	2	5.035897	\$0	\$0	\$0	\$0	\$19	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$18.50	\$93.16	75	22	71%	53	50	\$65.84	
1995	2	53.563903	\$0	\$0	\$0	\$0	\$19	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$18.50	\$990.93	75	22	71%	53	50	\$700.26	
1995	2	385.256912	\$0	\$0	\$0	\$0	\$19	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$18.50	\$7,127.25	75	22	71%	53	50	\$5,036.59	
1996	2	262.016352	\$0	\$0	\$0	\$0	\$19	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$18.50	\$4,847.30	75	21	72%	54	50	\$3,490.06	
1997	2	0.851781	\$0	\$0	\$0	\$0	\$19	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$18.50	\$15.76	75	20	73%	55	60	\$11.56	
1997	2	94.516756	\$0	\$0	\$0	\$0	\$19	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$18.50	\$1,748.56	75	20	73%	55	60	\$1,282.28	
1997	2	80.739966	\$0	\$0	\$0	\$0	\$19	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$18.50	\$1,493.69	75	20	73%	55	60	\$1,095.37	
1997	2	170.173787	\$0	\$0	\$0	\$0	\$19	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$18.50	\$3,148.22	75	20	73%	55	60	\$2,308.69	
1999	2	0.761162	\$0	\$0	\$0	\$0	\$19	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$18.50	\$14.08	75	18	76%	57	60	\$10.70	
1999	2	2.702557	\$0	\$0	\$0	\$0	\$19	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$18.50	\$50.00	75	18	76%	57	60	\$38.00	
1999	2	19.158201	\$0	\$0	\$0	\$0	\$19	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$18.50	\$354.43	75	18	76%	57	60	\$269.36	
1999	2	1.216349	\$0	\$0	\$0	\$0	\$19	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$18.50	\$22.50	75	18	76%	57	60	\$17.10	
1999	2	1.061939	\$0	\$0	\$0	\$0	\$19	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$18.50	\$19.65	75	18	76%	57	60	\$14.93	
1987	3	175.116507	\$0	\$0	\$0	\$0	\$0	\$0	\$28	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28.00	\$4,903.26	75	30	60%	45	50	\$2,941.96	

JAMESTOWN WATER SYSTEM
VALUE OF WATER LINES
*****DRAFT*****

INSTALL YEAR	DIAMETER	LENGTH	0.75	1	1.25	1.5	2	2.5	3	4	6	8	10	12	16	24	36	42	Unit cost	Total cost	Life	Age	Rounded			Current Value
			\$18.50	\$18.50	\$18.50	\$18.50	\$18.50	\$18.50	\$28.00	\$28.00	\$35.00	\$44.00	\$53.00	\$65.00	\$85.00	\$210.00	\$285.00	\$435.00					Remaining life	Remaining life	Remaining life	
1973	4	393.100057	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28.00	\$11,006.80	75	44	41%	31	30	\$4,549.48
1973	4	267.540333	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28.00	\$7,491.13	75	44	41%	31	30	\$3,096.33
1973	4	400.582865	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28.00	\$11,216.32	75	44	41%	31	30	\$4,636.08
1984	4	231.789526	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28.00	\$6,490.11	75	33	56%	42	40	\$3,634.46
1987	4	274.701312	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28.00	\$7,691.64	75	30	60%	45	50	\$4,614.98
1995	4	197.19722	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28.00	\$5,521.52	75	22	71%	53	50	\$3,901.88
1995	4	162.028011	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28.00	\$4,536.78	75	22	71%	53	50	\$3,205.99
1995	4	315.351248	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28.00	\$8,829.83	75	22	71%	53	50	\$6,239.75
1995	4	77.342757	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28.00	\$2,165.60	75	22	71%	53	50	\$1,530.36
1996	4	144.576444	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28.00	\$4,048.14	75	21	72%	54	50	\$2,914.66
1996	4	96.109904	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28.00	\$2,691.08	75	21	72%	54	50	\$1,937.58
1996	4	185.039259	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28.00	\$5,181.10	75	21	72%	54	50	\$3,730.39
1996	4	244.493226	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28.00	\$6,845.81	75	21	72%	54	50	\$4,928.98
1997	4	44.371432	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28.00	\$1,242.40	75	20	73%	55	60	\$911.09
1997	4	161.423193	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28.00	\$4,519.85	75	20	73%	55	60	\$3,314.56
1997	4	208.146179	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28.00	\$5,828.09	75	20	73%	55	60	\$4,273.93
1997	4	235.177707	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28.00	\$6,584.98	75	20	73%	55	60	\$4,828.98
1998	4	945.314346	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28.00	\$26,468.80	75	19	75%	56	60	\$19,763.37
2006	4	18.225829	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28.00	\$510.32	75	11	85%	64	60	\$435.48
2006	4	66.522735	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28.00	\$1,862.64	75	11	85%	64	60	\$1,589.45
1948	6	269.83794	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$9,444.33	75	69	10%	7.5	10	\$944.43
1948	6	100.475131	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$3,516.63	75	69	10%	7.5	10	\$351.66
1948	6	1198.297479	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$41,940.41	75	69	10%	7.5	10	\$4,194.04
1949	6	1477.181332	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$51,701.35	75	68	10%	7.5	10	\$5,170.13
1951	6	940.975227	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$32,934.13	75	66	12%	9	10	\$3,952.10
1952	6	357.650833	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$12,517.78	75	65	13%	10	10	\$1,669.04
1952	6	372.072329	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$13,022.53	75	65	13%	10	10	\$1,736.34
1956	6	821.898084	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$28,766.43	75	61	19%	14	10	\$5,369.73
1957	6	2690.85225	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$94,179.83	75	60	20%	15	20	\$18,835.97
1960	6	1104.079008	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$38,642.77	75	57	24%	18	20	\$9,274.26
1965	6	1195.460025	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$41,841.10	75	52	31%	23	20	\$12,831.27
1966	6	753.237874	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$26,363.33	75	51	32%	24	20	\$8,436.26
1966	6	532.163806	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$18,625.73	75	51	32%	24	20	\$5,960.23
1966	6	562.020686	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$19,670.72	75	51	32%	24	20	\$6,294.63
1966	6	1168.040534	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$40,881.42	75	51	32%	24	20	\$13,082.05
1966	6	1309.813311	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$45,843.47	75	51	32%	24	20	\$14,669.91
1966	6	384.309233	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$13,450.82	75	51	32%	24	20	\$4,304.26
1966	6	367.933004	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$12,877.66	75	51	32%	24	20	\$4,120.85
1966	6	793.047056	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$27,756.65	75	51	32%	24	20	\$8,882.13
1966	6	367.474839	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$12,861.62	75	51	32%	24	20	\$4,115.72
1966	6	730.148391	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$25,555.19	75	51	32%	24	20	\$8,177.66
1966	6	3.882324	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$135.88	75	51	32%	24	20	\$43.48
1968	6	4.328579	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$151.50	75	49	35%	26	30	\$52.52
1968	6	756.528183	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$26,478.49	75	49	35%	26	30	\$9,179.21
1968	6	1974.435951	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$69,105.26	75	49	35%	26	30	\$23,956.49
1968	6	2047.016675	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$71,645.58	75	49	35%	26	30	\$24,837.14
1968	6	795.326561	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$27,836.43	75	49	35%	26	30	\$9,649.96
1968	6	259.088516	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$9,068.10	75	49	35%	26	30	\$3,143.61
1971	6	509.939463	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$17,847.88	75	46	39%	29	30	\$6,901.18
1972	6	53.399664	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$1,868.99	75	45	40%	30	30	\$747.60
1972	6	11.476781	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$401.69	75	45	40%	30	30	\$160.67
1973	6	16.86605	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$590.31	75	44	41%	31	30	\$244.00
1973	6	2203.277125	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$77,114.70	75	44	41%	31	30	\$31,874.08
1973	6	537.211345	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$18,802.40	75	44	41%	31	30	\$7,771.66
1973	6	472.259572	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$16,529.09	75	44	41%	31	30	\$6,832.02
1973	6	131.305404	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$4,595.69	75	44	41%	31	30	\$1,899.55

JAMESTOWN WATER SYSTEM
VALUE OF WATER LINES
*****DRAFT*****

INSTALL YEAR	DIAMETER	LENGTH	0.75	1	1.25	1.5	2	2.5	3	4	6	8	10	12	16	24	36	42	Unit cost	Total cost	Life	Age	Rounded				Current Value
			\$18.50	\$18.50	\$18.50	\$18.50	\$18.50	\$18.50	\$28.00	\$28.00	\$35.00	\$44.00	\$53.00	\$65.00	\$85.00	\$210.00	\$285.00	\$435.00					Remaining life	Remaining life	Remaining life	Remaining life	
1973	6	1282.613556	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$44,891.47	75	44	41%	31	30	\$18,555.14	
1973	6	663.661314	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$23,228.15	75	44	41%	31	30	\$9,600.97	
1973	6	166.221519	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$5,817.75	75	44	41%	31	30	\$2,404.67	
1973	6	686.805871	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$24,038.21	75	44	41%	31	30	\$9,935.79	
1973	6	1377.419312	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$48,209.68	75	44	41%	31	30	\$19,926.67	
1973	6	338.903655	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$11,861.63	75	44	41%	31	30	\$4,902.81	
1973	6	278.334582	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$9,741.71	75	44	41%	31	30	\$4,026.57	
1973	6	372.477671	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$13,036.72	75	44	41%	31	30	\$5,388.51	
1973	6	1372.94105	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$48,052.94	75	44	41%	31	30	\$19,861.88	
1973	6	1400.10899	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$49,003.81	75	44	41%	31	30	\$20,254.91	
1978	6	365.732547	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$12,800.64	75	39	48%	36	40	\$6,144.31	
1978	6	314.616442	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$11,011.58	75	39	48%	36	40	\$5,285.56	
1978	6	13.86811	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$485.38	75	39	48%	36	40	\$232.98	
1978	6	11.939144	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$417.87	75	39	48%	36	40	\$200.58	
1978	6	14.522213	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$508.28	75	39	48%	36	40	\$243.97	
1978	6	10.637087	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$372.30	75	39	48%	36	40	\$178.70	
1978	6	18.25249	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$638.84	75	39	48%	36	40	\$306.64	
1981	6	752.028939	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$26,321.01	75	36	52%	39	40	\$13,686.93	
1981	6	859.334937	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$30,076.72	75	36	52%	39	40	\$15,639.90	
1981	6	102.282708	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$3,579.89	75	36	52%	39	40	\$1,861.55	
1981	6	364.302327	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$12,750.58	75	36	52%	39	40	\$6,630.30	
1983	6	1661.663154	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$58,158.21	75	34	55%	41	40	\$31,793.16	
1983	6	155.638143	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$5,447.34	75	34	55%	41	40	\$2,977.88	
1983	6	775.937134	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$27,157.80	75	34	55%	41	40	\$14,846.26	
1984	6	778.436248	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$27,245.27	75	33	56%	42	40	\$15,257.35	
1984	6	1142.804861	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$39,998.17	75	33	56%	42	40	\$22,398.98	
1984	6	1055.747339	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$36,951.16	75	33	56%	42	40	\$20,692.65	
1985	6	14.798032	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$517.93	75	32	57%	43	40	\$296.95	
1986	6	917.428615	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$32,110.00	75	31	59%	44	40	\$18,837.87	
1986	6	733.763671	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$25,681.73	75	31	59%	44	40	\$15,066.61	
1986	6	359.054009	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$12,566.89	75	31	59%	44	40	\$7,372.58	
1987	6	2.367387	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$82.86	75	30	60%	45	50	\$49.72	
1987	6	2.953573	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$103.38	75	30	60%	45	50	\$62.03	
1987	6	71.3735	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$2,498.07	75	30	60%	45	50	\$1,498.84	
1987	6	4.976701	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$174.18	75	30	60%	45	50	\$104.51	
1987	6	3.43562	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$120.25	75	30	60%	45	50	\$72.15	
1987	6	13.548514	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$474.20	75	30	60%	45	50	\$284.52	
1987	6	76.433281	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$2,675.16	75	30	60%	45	50	\$1,605.10	
1987	6	237.033867	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$8,296.19	75	30	60%	45	50	\$4,977.71	
1987	6	113.157818	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$3,960.52	75	30	60%	45	50	\$2,376.31	
1987	6	640.032425	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$22,401.13	75	30	60%	45	50	\$13,440.68	
1987	6	892.127487	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$31,224.46	75	30	60%	45	50	\$18,734.68	
1987	6	1031.527823	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$36,103.47	75	30	60%	45	50	\$21,662.08	
1987	6	457.609262	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$16,016.32	75	30	60%	45	50	\$9,609.79	
1987	6	217.902701	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$7,626.59	75	30	60%	45	50	\$4,575.96	
1987	6	8.919195	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$312.17	75	30	60%	45	50	\$187.30	
1987	6	1273.606286	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$44,576.22	75	30	60%	45	50	\$26,745.73	
1987	6	151.268045	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$5,294.38	75	30	60%	45	50	\$3,176.63	
1987	6	949.345242	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$33,227.08	75	30	60%	45	50	\$19,936.25	
1987	6	441.60269	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$15,456.09	75	30	60%	45	50	\$9,273.66	
1987	6	755.360649	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$26,437.62	75	30	60%	45	50	\$15,862.57	
1987	6	486.347359	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$17,022.16	75	30	60%	45	50	\$10,213.29	
1987	6	322.912375	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$11,301.93	75	30	60%	45	50	\$6,781.16	
1987	6	3020.576738	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$105,720.19	75	30	60%	45	50	\$63,432.11	
1987	6	351.93743	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$12,317.81	75	30	60%	45	50	\$7,390.69	
1987	6	703.536231	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$24,623.77	75	30	60%	45	50	\$14,774.26	

JAMESTOWN WATER SYSTEM
VALUE OF WATER LINES
*****DRAFT*****

INSTALL YEAR	DIAMETER	LENGTH	0.75	1	1.25	1.5	2	2.5	3	4	6	8	10	12	16	24	36	42	Unit cost	Total cost	Life	Age	Rounded				Current Value
			\$18.50	\$18.50	\$18.50	\$18.50	\$18.50	\$18.50	\$28.00	\$28.00	\$35.00	\$44.00	\$53.00	\$65.00	\$85.00	\$210.00	\$285.00	\$435.00					Remaining life	Remaining life	Remaining life	Remaining life	
1987	6	2807.686281	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$98,269.02	75	30	60%	45	50	\$58,961.41	
1987	6	257.293551	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$9,005.27	75	30	60%	45	50	\$5,403.16	
1987	6	1229.437606	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$43,030.32	75	30	60%	45	50	\$25,818.19	
1987	6	81.867736	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$2,865.37	75	30	60%	45	50	\$1,719.22	
1987	6	1684.586766	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$58,960.54	75	30	60%	45	50	\$35,376.32	
1987	6	195.522758	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$6,843.30	75	30	60%	45	50	\$4,105.98	
1987	6	1557.686324	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$54,519.02	75	30	60%	45	50	\$32,711.41	
1987	6	1362.064046	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$47,672.24	75	30	60%	45	50	\$28,603.34	
1987	6	46.501701	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$1,627.56	75	30	60%	45	50	\$976.54	
1987	6	818.111557	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$28,633.90	75	30	60%	45	50	\$17,180.34	
1987	6	427.437381	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$14,960.31	75	30	60%	45	50	\$8,976.19	
1987	6	26.554992	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$929.42	75	30	60%	45	50	\$557.65	
1987	6	240.892376	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$8,431.23	75	30	60%	45	50	\$5,058.74	
1987	6	24.980443	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$874.32	75	30	60%	45	50	\$524.59	
1987	6	10.631282	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$372.09	75	30	60%	45	50	\$223.26	
1987	6	356.462655	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$12,476.19	75	30	60%	45	50	\$7,485.72	
1987	6	1147.308303	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$40,155.79	75	30	60%	45	50	\$24,093.47	
1987	6	560.730304	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$19,625.56	75	30	60%	45	50	\$11,775.34	
1987	6	788.109754	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$27,583.84	75	30	60%	45	50	\$16,550.30	
1987	6	1496.14456	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$52,365.06	75	30	60%	45	50	\$31,419.04	
1987	6	29.839934	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$1,044.40	75	30	60%	45	50	\$626.64	
1987	6	17.664323	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$618.25	75	30	60%	45	50	\$370.95	
1987	6	406.784775	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$14,237.47	75	30	60%	45	50	\$8,542.48	
1988	6	11.08564	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$388.00	75	29	61%	46	50	\$237.97	
1988	6	380.575845	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$13,320.15	75	29	61%	46	50	\$8,169.69	
1988	6	2.456063	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$85.96	75	29	61%	46	50	\$52.72	
1988	6	494.786298	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$17,317.52	75	29	61%	46	50	\$10,621.41	
1988	6	734.484333	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$25,706.95	75	29	61%	46	50	\$15,766.93	
1988	6	365.24103	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$12,783.44	75	29	61%	46	50	\$7,840.51	
1988	6	667.19314	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$23,351.76	75	29	61%	46	50	\$14,322.41	
1988	6	84.21399	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$2,947.49	75	29	61%	46	50	\$1,807.79	
1988	6	656.169317	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$22,965.93	75	29	61%	46	50	\$14,085.77	
1990	6	1345.849288	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$47,104.73	75	27	64%	48	50	\$30,147.02	
1990	6	133.443642	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$4,670.53	75	27	64%	48	50	\$2,989.14	
1990	6	161.731405	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$5,660.60	75	27	64%	48	50	\$3,622.78	
1991	6	4.036335	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$141.27	75	26	65%	49	50	\$92.30	
1992	6	35.11217	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$1,228.93	75	25	67%	50	50	\$819.28	
1992	6	469.040106	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$16,416.40	75	25	67%	50	50	\$10,944.27	
1992	6	68.605399	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$2,401.19	75	25	67%	50	50	\$1,600.79	
1993	6	1255.699638	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$43,949.49	75	24	68%	51	50	\$29,885.65	
1995	6	1.83169	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$64.11	75	22	71%	53	50	\$45.30	
1995	6	360.33765	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$12,611.82	75	22	71%	53	50	\$8,912.35	
1995	6	2.667474	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$93.36	75	22	71%	53	50	\$65.98	
1995	6	1.597532	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$55.91	75	22	71%	53	50	\$39.51	
1995	6	643.873075	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$22,535.56	75	22	71%	53	50	\$15,925.13	
1995	6	8.684614	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$303.96	75	22	71%	53	50	\$214.80	
1995	6	224.765681	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$7,866.80	75	22	71%	53	50	\$5,559.20	
1995	6	7.299076	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$255.47	75	22	71%	53	50	\$180.53	
1995	6	129.199046	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$4,521.97	75	22	71%	53	50	\$3,195.52	
1995	6	690.759811	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$24,176.59	75	22	71%	53	50	\$17,084.79	
1995	6	1586.23532	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$55,518.24	75	22	71%	53	50	\$39,232.89	
1995	6	227.675234	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$7,968.63	75	22	71%	53	50	\$5,631.17	
1995	6	1264.781158	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$44,267.34	75	22	71%	53	50	\$31,282.25	
1995	6	281.218017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$9,842.63	75	22	71%	53	50	\$6,955.46	
1996	6	950.842979	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$33,279.50	75	21	72%	54	50	\$23,961.24	
1996	6	173.817295	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$6,083.61	75	21	72%	54	50	\$4,380.20	

JAMESTOWN WATER SYSTEM

VALUE OF WATER LINES

DRAFT

INSTALL YEAR	DIAMETER	LENGTH	0.75	1	1.25	1.5	2	2.5	3	4	6	8	10	12	16	24	36	42	Unit cost	Total cost	Life	Age	Rounded				Current Value
			\$18.50	\$18.50	\$18.50	\$18.50	\$18.50	\$18.50	\$28.00	\$28.00	\$35.00	\$44.00	\$53.00	\$65.00	\$85.00	\$210.00	\$285.00	\$435.00					Remaining life	Remaining life	Remaining life	Remaining life	
1996	6	444.878589	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$15,570.75	75	21	72%	54	50	\$11,210.94	
1996	6	775.960828	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$27,158.63	75	21	72%	54	50	\$19,554.21	
1996	6	10.422694	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$364.79	75	21	72%	54	50	\$262.65	
1996	6	4.34688	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$152.14	75	21	72%	54	50	\$109.54	
1996	6	259.406923	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$9,079.24	75	21	72%	54	50	\$6,537.05	
1997	6	779.533803	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$27,283.68	75	20	73%	55	60	\$20,008.03	
1997	6	414.271326	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$14,499.50	75	20	73%	55	60	\$10,632.96	
1997	6	367.748224	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$12,871.19	75	20	73%	55	60	\$9,438.87	
1997	6	473.476194	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$16,571.67	75	20	73%	55	60	\$12,152.56	
1997	6	349.764556	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$12,241.76	75	20	73%	55	60	\$8,977.29	
1997	6	371.239036	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$12,993.37	75	20	73%	55	60	\$9,528.47	
1997	6	482.157945	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$16,875.53	75	20	73%	55	60	\$12,375.39	
1997	6	268.062066	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$9,382.17	75	20	73%	55	60	\$6,880.26	
1997	6	579.040294	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$20,266.41	75	20	73%	55	60	\$14,862.03	
1997	6	732.666638	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$25,643.33	75	20	73%	55	60	\$18,805.11	
1998	6	1491.423893	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$52,199.84	75	19	75%	56	60	\$38,975.88	
1998	6	202.725919	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$7,095.41	75	19	75%	56	60	\$5,297.90	
1999	6	37.569741	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$1,314.94	75	18	76%	57	60	\$999.36	
1999	6	404.594287	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$14,160.80	75	18	76%	57	60	\$10,762.21	
2000	6	1.165661	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$40.80	75	17	77%	58	60	\$31.55	
2000	6	278.626684	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$9,751.93	75	17	77%	58	60	\$7,541.50	
2000	6	1329.400773	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$46,529.03	75	17	77%	58	60	\$35,982.45	
2001	6	554.234924	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$19,398.22	75	16	79%	59	60	\$15,259.93	
2002	6	569.957326	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$19,948.51	75	15	80%	60	60	\$15,958.81	
2005	6	899.003691	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$31,465.13	75	12	84%	63	60	\$26,430.71	
2006	6	16.745078	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$586.08	75	11	85%	64	60	\$500.12	
2006	6	53.760256	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$1,881.61	75	11	85%	64	60	\$1,605.64	
2006	6	445.452318	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$15,590.83	75	11	85%	64	60	\$13,304.18	
2007	6	13.891298	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$486.20	75	10	87%	65	70	\$421.37	
2007	6	36.48523	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$1,276.98	75	10	87%	65	70	\$1,106.72	
2008	6	28.026964	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$980.94	75	9	88%	66	70	\$863.23	
2008	6	538.017051	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$18,830.60	75	9	88%	66	70	\$16,570.93	
2009	6	371.026618	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$12,985.93	75	8	89%	67	70	\$11,600.77	
2009	6	736.245626	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$25,768.60	75	8	89%	67	70	\$23,019.95	
2010	6	361.6864	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$12,659.02	75	7	91%	68	70	\$11,477.52	
2010	6	19.701186	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$689.54	75	7	91%	68	70	\$625.18	
1960	8	325.450874	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44.00	\$14,319.84	75	57	24%	18	20	\$3,436.76	
1960	8	57.895435	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44.00	\$2,547.40	75	57	24%	18	20	\$611.38	
1960	8	204.45417	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44.00	\$8,995.98	75	57	24%	18	20	\$2,159.04	
1965	8	1316.100114	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44.00	\$57,908.41	75	52	31%	23	20	\$17,758.58	
1972	8	1254.105348	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44.00	\$55,180.64	75	45	40%	30	30	\$22,072.25	
1972	8	2003.191972	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44.00	\$88,140.45	75	45	40%	30	30	\$35,256.18	
1973	8	70.03659	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44.00	\$3,081.61	75	44	41%	31	30	\$1,273.73	
1978	8	1488.31572	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44.00	\$65,485.89	75	39	48%	36	40	\$31,433.23	
1987	8	1256.874467	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44.00	\$55,302.48	75	30	60%	45	50	\$33,181.49	
1987	8	174.60519	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44.00	\$7,682.63	75	30	60%	45	50	\$4,609.58	
1987	8	342.422289	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44.00	\$15,066.58	75	30	60%	45	50	\$9,039.95	
1987	8	107.066066	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44.00	\$4,710.91	75	30	60%	45	50	\$2,826.54	
1987	8	3.786589	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44.00	\$166.61	75	30	60%	45	50	\$99.97	
1987	8	751.541354	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44.00	\$33,067.82	75	30	60%	45	50	\$19,840.69	
1987	8	793.615139	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44.00	\$34,919.07	75	30	60%	45	50	\$20,951.44	
1987	8	44.435681	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44.00	\$1,955.17	75	30	60%	45	50	\$1,173.10	
1987	8	2718.015281	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44.00	\$119,592.67	75	30	60%	45	50	\$71,755.60	
1987	8	520.094756	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44.00	\$22,884.17	75	30	60%	45	50	\$13,730.50	
1987	8	787.489265	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44.00	\$34,649.53	75	30	60%	45	50	\$20,789.72	
1987	8	45.123196	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44.00	\$1,985.42	75	30	60%	45	50	\$1,191.25	

**JAMESTOWN WATER SYSTEM
VALUE OF WATER LINES
DRAFT**

INSTALL YEAR	DIAMETER	LENGTH	0.75	1	1.25	1.5	2	2.5	3	4	6	8	10	12	16	24	36	42	Unit cost	Total cost	Life	Age	Rounded				Current Value
			\$18.50	\$18.50	\$18.50	\$18.50	\$18.50	\$18.50	\$28.00	\$28.00	\$35.00	\$44.00	\$53.00	\$65.00	\$85.00	\$210.00	\$285.00	\$435.00					Remaining life	Remaining life	Remaining life	Remaining life	
1987	8	2070.871273	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44	\$0	\$0	\$0	\$0	\$0	\$0	\$44.00	\$91,118.34	75	30	60%	45	50	\$54,671.00	
1987	8	472.55478	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44	\$0	\$0	\$0	\$0	\$0	\$0	\$44.00	\$20,792.41	75	30	60%	45	50	\$12,475.45	
1987	8	3313.138876	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44	\$0	\$0	\$0	\$0	\$0	\$0	\$44.00	\$145,778.11	75	30	60%	45	50	\$87,466.87	
1987	8	395.953351	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44	\$0	\$0	\$0	\$0	\$0	\$0	\$44.00	\$17,421.95	75	30	60%	45	50	\$10,453.17	
1987	8	68.504783	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44	\$0	\$0	\$0	\$0	\$0	\$0	\$44.00	\$3,014.21	75	30	60%	45	50	\$1,808.53	
1987	8	1120.737578	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44	\$0	\$0	\$0	\$0	\$0	\$0	\$44.00	\$49,312.45	75	30	60%	45	50	\$29,587.47	
1987	8	465.047745	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44	\$0	\$0	\$0	\$0	\$0	\$0	\$44.00	\$20,462.10	75	30	60%	45	50	\$12,277.26	
1987	8	433.717627	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44	\$0	\$0	\$0	\$0	\$0	\$0	\$44.00	\$19,083.58	75	30	60%	45	50	\$11,450.15	
1987	8	3181.173579	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44	\$0	\$0	\$0	\$0	\$0	\$0	\$44.00	\$139,971.64	75	30	60%	45	50	\$83,982.98	
1987	8	588.672374	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44	\$0	\$0	\$0	\$0	\$0	\$0	\$44.00	\$25,901.58	75	30	60%	45	50	\$15,540.95	
1987	8	323.532315	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44	\$0	\$0	\$0	\$0	\$0	\$0	\$44.00	\$14,235.42	75	30	60%	45	50	\$8,541.25	
1987	8	566.573159	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44	\$0	\$0	\$0	\$0	\$0	\$0	\$44.00	\$24,929.22	75	30	60%	45	50	\$14,957.53	
1987	8	3688.947089	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44	\$0	\$0	\$0	\$0	\$0	\$0	\$44.00	\$162,312.67	75	30	60%	45	50	\$97,388.20	
1988	8	628.395953	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44	\$0	\$0	\$0	\$0	\$0	\$0	\$44.00	\$27,649.42	75	29	61%	46	50	\$16,958.31	
1992	8	1842.627615	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44	\$0	\$0	\$0	\$0	\$0	\$0	\$44.00	\$81,075.62	75	25	67%	50	50	\$54,050.41	
1992	8	1090.671716	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44	\$0	\$0	\$0	\$0	\$0	\$0	\$44.00	\$47,989.56	75	25	67%	50	50	\$31,993.04	
1992	8	169.184035	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44	\$0	\$0	\$0	\$0	\$0	\$0	\$44.00	\$7,444.10	75	25	67%	50	50	\$4,962.73	
1992	8	1966.758248	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44	\$0	\$0	\$0	\$0	\$0	\$0	\$44.00	\$86,537.36	75	25	67%	50	50	\$57,691.58	
1992	8	601.062201	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44	\$0	\$0	\$0	\$0	\$0	\$0	\$44.00	\$26,446.74	75	25	67%	50	50	\$17,631.16	
1992	8	2365.53525	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44	\$0	\$0	\$0	\$0	\$0	\$0	\$44.00	\$104,083.55	75	25	67%	50	50	\$69,389.03	
1995	8	7.797536	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44	\$0	\$0	\$0	\$0	\$0	\$0	\$44.00	\$343.09	75	22	71%	53	50	\$242.45	
1995	8	3.156593	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44	\$0	\$0	\$0	\$0	\$0	\$0	\$44.00	\$138.89	75	22	71%	53	50	\$98.15	
1995	8	60.472244	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44	\$0	\$0	\$0	\$0	\$0	\$0	\$44.00	\$2,660.78	75	22	71%	53	50	\$1,880.28	
1995	8	45.505442	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44	\$0	\$0	\$0	\$0	\$0	\$0	\$44.00	\$2,002.24	75	22	71%	53	50	\$1,414.92	
1995	8	228.097196	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44	\$0	\$0	\$0	\$0	\$0	\$0	\$44.00	\$10,036.28	75	22	71%	53	50	\$7,092.30	
1995	8	169.937334	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44	\$0	\$0	\$0	\$0	\$0	\$0	\$44.00	\$7,477.24	75	22	71%	53	50	\$5,283.92	
1995	8	358.561957	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44	\$0	\$0	\$0	\$0	\$0	\$0	\$44.00	\$15,776.73	75	22	71%	53	50	\$11,148.89	
1995	8	196.40746	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44	\$0	\$0	\$0	\$0	\$0	\$0	\$44.00	\$8,641.93	75	22	71%	53	50	\$6,106.96	
1995	8	181.750054	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44	\$0	\$0	\$0	\$0	\$0	\$0	\$44.00	\$7,997.00	75	22	71%	53	50	\$5,651.22	
1995	8	233.638056	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44	\$0	\$0	\$0	\$0	\$0	\$0	\$44.00	\$10,280.07	75	22	71%	53	50	\$7,264.59	
1995	8	355.69949	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44	\$0	\$0	\$0	\$0	\$0	\$0	\$44.00	\$15,650.78	75	22	71%	53	50	\$11,059.88	
1996	8	400.308672	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44	\$0	\$0	\$0	\$0	\$0	\$0	\$44.00	\$17,613.58	75	21	72%	54	50	\$12,681.78	
1996	8	6.665887	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44	\$0	\$0	\$0	\$0	\$0	\$0	\$44.00	\$293.30	75	21	72%	54	50	\$211.18	
1996	8	100.751176	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44	\$0	\$0	\$0	\$0	\$0	\$0	\$44.00	\$4,433.05	75	21	72%	54	50	\$3,191.80	
1996	8	718.952683	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44	\$0	\$0	\$0	\$0	\$0	\$0	\$44.00	\$31,633.92	75	21	72%	54	50	\$22,776.42	
1996	8	228.233621	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44	\$0	\$0	\$0	\$0	\$0	\$0	\$44.00	\$10,042.28	75	21	72%	54	50	\$7,230.44	
1996	8	63.175307	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44	\$0	\$0	\$0	\$0	\$0	\$0	\$44.00	\$2,779.71	75	21	72%	54	50	\$2,001.39	
1996	8	8.398348	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44	\$0	\$0	\$0	\$0	\$0	\$0	\$44.00	\$369.53	75	21	72%	54	50	\$266.06	
1997	8	1517.807475	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44	\$0	\$0	\$0	\$0	\$0	\$0	\$44.00	\$66,783.53	75	20	73%	55	60	\$48,974.59	
1997	8	329.424643	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44	\$0	\$0	\$0	\$0	\$0	\$0	\$44.00	\$14,494.68	75	20	73%	55	60	\$10,629.44	
1997	8	362.696573	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44	\$0	\$0	\$0	\$0	\$0	\$0	\$44.00	\$15,958.65	75	20	73%	55	60	\$11,703.01	
1997	8	188.370265	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44	\$0	\$0	\$0	\$0	\$0	\$0	\$44.00	\$8,288.29	75	20	73%	55	60	\$6,078.08	
1997	8	440.899573	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44	\$0	\$0	\$0	\$0	\$0	\$0	\$44.00	\$19,399.58	75	20	73%	55	60	\$14,226.36	
1997	8	2.681767	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44	\$0	\$0	\$0	\$0	\$0	\$0	\$44.00	\$118.00	75	20	73%	55	60	\$86.53	
1997	8	199.922461	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44	\$0	\$0	\$0	\$0	\$0	\$0	\$44.00	\$8,796.59	75	20	73%	55	60	\$6,450.83	
1997	8	159.856779	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44	\$0	\$0	\$0	\$0	\$0	\$0	\$44.00	\$7,033.70	75	20	73%	55	60	\$5,158.05	
1997	8	3.013585	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44	\$0	\$0	\$0	\$0	\$0	\$0	\$44.00	\$132.60	75	20	73%	55	60	\$97.24	
1997	8	250.228288	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44	\$0	\$0	\$0	\$0	\$0	\$0	\$44.00	\$11,010.04	75	20	73%	55	60	\$8,074.03	
1997	8	1913.172927	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44	\$0	\$0	\$0	\$0	\$0	\$0	\$44.00	\$84,179.61	75	20	73%	55	60	\$61,731.71	
1998	8	356.080027	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44	\$0	\$0	\$0	\$0	\$0	\$0	\$44.00	\$15,667.52	75	19	75%	56	60	\$11,698.42	
1999	8	844.521955	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44	\$0	\$0	\$0	\$0	\$0	\$0	\$44.00	\$37,158.97	75	18	76%	57	60	\$28,240.81	
1999	8	592.008165	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44	\$0	\$0	\$0	\$0	\$0	\$0	\$44.00	\$26,048.36	75	18	76%	57	60	\$19,796.75	
1999	8	242.812445	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44	\$0	\$0	\$0	\$0	\$0	\$0	\$44.00	\$10,683.75	75	18	76%	57	60	\$8,119.65	
1999	8	454.058344	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44	\$0	\$0	\$0	\$0	\$0	\$0	\$44.00	\$19,978.57	75	18	76%	57	60	\$15,183.71	
1999	8	880.275707	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44	\$0	\$0	\$0	\$0	\$0	\$0	\$44.00	\$38,732.13	75	18	76%	57	60	\$29,436.42	
1999	8	1665.092912	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44	\$0	\$0	\$0	\$0	\$0	\$0	\$44.00	\$73,264.09	75	18	76%	57	60	\$55,680.71	

JAMESTOWN WATER SYSTEM
VALUE OF WATER LINES
*****DRAFT*****

INSTALL YEAR	DIAMETER	LENGTH	0.75	1	1.25	1.5	2	2.5	3	4	6	8	10	12	16	24	36	42	Unit cost	Total cost	Life	Age	Rounded			Current Value
			\$18.50	\$18.50	\$18.50	\$18.50	\$18.50	\$18.50	\$28.00	\$28.00	\$35.00	\$44.00	\$53.00	\$65.00	\$85.00	\$210.00	\$285.00	\$435.00					Remaining life	Remaining life	Remaining life	
2000	8	803.039605	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44	\$0	\$0	\$0	\$0	\$0	\$0	\$44.00	\$35,333.74	75	17	77%	58	60	\$27,324.76
2000	8	534.556308	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44	\$0	\$0	\$0	\$0	\$0	\$0	\$44.00	\$23,520.48	75	17	77%	58	60	\$18,189.17
2006	8	2034.482261	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44	\$0	\$0	\$0	\$0	\$0	\$0	\$44.00	\$89,517.22	75	11	85%	64	60	\$76,388.03
2006	8	127.42028	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44	\$0	\$0	\$0	\$0	\$0	\$0	\$44.00	\$5,606.49	75	11	85%	64	60	\$4,784.21
2006	8	2.492732	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44	\$0	\$0	\$0	\$0	\$0	\$0	\$44.00	\$109.68	75	11	85%	64	60	\$93.59
2006	8	36.632544	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44	\$0	\$0	\$0	\$0	\$0	\$0	\$44.00	\$1,611.83	75	11	85%	64	60	\$1,375.43
2006	8	1460.361037	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44	\$0	\$0	\$0	\$0	\$0	\$0	\$44.00	\$64,255.89	75	11	85%	64	60	\$54,831.69
2009	8	2742.997811	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44	\$0	\$0	\$0	\$0	\$0	\$0	\$44.00	\$120,691.90	75	8	89%	67	70	\$107,818.10
2010	8	1050.821071	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44	\$0	\$0	\$0	\$0	\$0	\$0	\$44.00	\$46,236.13	75	7	91%	68	70	\$41,920.76
2010	8	307.572548	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$44	\$0	\$0	\$0	\$0	\$0	\$0	\$44.00	\$13,533.19	75	7	91%	68	70	\$12,270.09
1973	12	144.566475	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$65	\$0	\$0	\$0	\$0	\$65.00	\$9,396.82	75	44	41%	31	30	\$3,884.02
1973	12	196.242814	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$65	\$0	\$0	\$0	\$0	\$65.00	\$12,755.78	75	44	41%	31	30	\$5,272.39
1973	12	700.61741	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$65	\$0	\$0	\$0	\$0	\$65.00	\$45,540.13	75	44	41%	31	30	\$18,823.25
1973	12	938.646692	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$65	\$0	\$0	\$0	\$0	\$65.00	\$61,012.03	75	44	41%	31	30	\$25,218.31
1973	12	1471.138652	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$65	\$0	\$0	\$0	\$0	\$65.00	\$95,624.01	75	44	41%	31	30	\$39,524.59
1973	12	6937.22399	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$65	\$0	\$0	\$0	\$0	\$65.00	\$450,919.56	75	44	41%	31	30	\$186,380.08
1973	12	2787.244844	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$65	\$0	\$0	\$0	\$0	\$65.00	\$181,170.91	75	44	41%	31	30	\$74,883.98
1973	12	1624.883186	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$65	\$0	\$0	\$0	\$0	\$65.00	\$105,617.41	75	44	41%	31	30	\$43,655.19
1986	12	2665.144146	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$65	\$0	\$0	\$0	\$0	\$65.00	\$173,234.37	75	31	59%	44	40	\$101,630.83
1987	12	7.364005	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$65	\$0	\$0	\$0	\$0	\$65.00	\$478.66	75	30	60%	45	50	\$287.20
1987	12	713.181802	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$65	\$0	\$0	\$0	\$0	\$65.00	\$46,356.82	75	30	60%	45	50	\$27,814.09
1987	12	9.427158	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$65	\$0	\$0	\$0	\$0	\$65.00	\$612.77	75	30	60%	45	50	\$367.66
1987	12	22.218243	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$65	\$0	\$0	\$0	\$0	\$65.00	\$1,444.19	75	30	60%	45	50	\$866.51
1987	12	22.54531	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$65	\$0	\$0	\$0	\$0	\$65.00	\$1,465.45	75	30	60%	45	50	\$879.27
1987	12	2656.202884	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$65	\$0	\$0	\$0	\$0	\$65.00	\$172,653.19	75	30	60%	45	50	\$103,591.91
1987	12	581.554389	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$65	\$0	\$0	\$0	\$0	\$65.00	\$37,801.04	75	30	60%	45	50	\$22,680.62
1987	12	818.979488	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$65	\$0	\$0	\$0	\$0	\$65.00	\$53,233.67	75	30	60%	45	50	\$31,940.20
1996	12	3093.646161	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$65	\$0	\$0	\$0	\$0	\$65.00	\$201,087.00	75	21	72%	54	50	\$144,782.64
1997	12	1067.802483	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$65	\$0	\$0	\$0	\$0	\$65.00	\$69,407.16	75	20	73%	55	60	\$50,898.59
1997	12	108.672852	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$65	\$0	\$0	\$0	\$0	\$65.00	\$7,063.74	75	20	73%	55	60	\$5,180.07
1997	12	464.817953	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$65	\$0	\$0	\$0	\$0	\$65.00	\$30,213.17	75	20	73%	55	60	\$22,156.32
1997	12	168.657734	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$65	\$0	\$0	\$0	\$0	\$65.00	\$10,962.75	75	20	73%	55	60	\$8,039.35
1997	12	1317.024116	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$65	\$0	\$0	\$0	\$0	\$65.00	\$85,606.57	75	20	73%	55	60	\$62,778.15
1997	12	728.8771	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$65	\$0	\$0	\$0	\$0	\$65.00	\$47,377.01	75	20	73%	55	60	\$34,743.14
1997	12	1658.529392	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$65	\$0	\$0	\$0	\$0	\$65.00	\$107,804.41	75	20	73%	55	60	\$79,056.57
1997	12	90.816316	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$65	\$0	\$0	\$0	\$0	\$65.00	\$5,903.06	75	20	73%	55	60	\$4,328.91
2006	12	780.466468	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$65	\$0	\$0	\$0	\$0	\$65.00	\$50,730.32	75	11	85%	64	60	\$43,289.87
2007	12	1318.73544	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$65	\$0	\$0	\$0	\$0	\$65.00	\$85,717.80	75	10	87%	65	70	\$74,288.76
2008	12	35.859802	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$65	\$0	\$0	\$0	\$0	\$65.00	\$2,330.89	75	9	88%	66	70	\$2,051.18
2008	12	316.985027	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$65	\$0	\$0	\$0	\$0	\$65.00	\$20,604.03	75	9	88%	66	70	\$18,131.54
2008	12	284.869455	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$65	\$0	\$0	\$0	\$0	\$65.00	\$18,516.51	75	9	88%	66	70	\$16,294.53
2008	12	190.295445	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$65	\$0	\$0	\$0	\$0	\$65.00	\$12,369.20	75	9	88%	66	70	\$10,884.90
2008	12	130.094657	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$65	\$0	\$0	\$0	\$0	\$65.00	\$8,456.15	75	9	88%	66	70	\$7,441.41
2008	12	214.429826	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$65	\$0	\$0	\$0	\$0	\$65.00	\$13,937.94	75	9	88%	66	70	\$12,265.39
2008	12	76.480243	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$65	\$0	\$0	\$0	\$0	\$65.00	\$4,971.22	75	9	88%	66	70	\$4,374.67
2010	12	2004.438653	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$65	\$0	\$0	\$0	\$0	\$65.00	\$130,288.51	75	7	91%	68	70	\$118,128.25
2010	12	836.696407	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$65	\$0	\$0	\$0	\$0	\$65.00	\$54,385.27	75	7	91%	68	70	\$49,309.31
2010	12	801.685038	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$65	\$0	\$0	\$0	\$0	\$65.00	\$52,109.53	75	7	91%	68	70	\$47,245.97
1987	6	1346.391667	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$47,123.71	75	30	60%	45	50	\$28,274.23
1987	6	3521.987957	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$123,269.58	75	30	60%	45	50	\$73,961.75
1987	6	2058.690479	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$72,054.17	75	30	60%	45	50	\$43,232.50
2004	6	608.840306	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$21,309.41	75	13	83%	62	60	\$17,615.78
2007	6	88.981411	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$3,114.35	75	10	87%	65	70	\$2,699.10
2008	6	23.181947	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$811.37	75	9	88%	66	70	\$714.00
2008	6	369.631101	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$35.00	\$12,937.09	75	9	88%	66	70	\$11,384.64

**JAMESTOWN WATER SYSTEM
 VALUE OF WATER LINES
 DRAFT**

INSTALL YEAR	DIAMETER	LENGTH	0.75	1	1.25	1.5	2	2.5	3	4	6	8	10	12	16	24	36	42	Unit cost	Total cost	Life	Age	Remaining life	Remaining life	Rounded Remaining life	Current Value	
			\$18.50	\$18.50	\$18.50	\$18.50	\$18.50	\$18.50	\$28.00	\$28.00	\$35.00	\$44.00	\$53.00	\$65.00	\$85.00	\$210.00	\$285.00	\$435.00									\$5,573,944.48

DRAFT

**JAMESTOWN SEWER SYSTEM
VALUE OF SEWER GRAVITY AND FORCE MAINS
DRAFT**

INSTALL YEAR	DIAMETER	LENGTH	Pipe Size																				Unit cost	Total cost	Life	Age	Remaining life			Current Value
			0.75	1	1.25	1.5	2	2.5	3	4	6	8	10	12	15	18	20	21	24	27	30	42					54	life	life	
1962	8	122.580252	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$9,193.52	75	55	27%	20	20	\$2,451.61
1962	8	6.616396	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$496.23	75	55	27%	20	20	\$132.33
1962	8	128.138331	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$9,610.37	75	55	27%	20	20	\$2,562.77
1962	8	158.612068	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$11,895.91	75	55	27%	20	20	\$3,172.24
1962	8	0.762497	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$57.19	75	55	27%	20	20	\$15.25
1962	8	248.039843	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$18,602.99	75	55	27%	20	20	\$4,960.80
1962	8	1.612724	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$120.95	75	55	27%	20	20	\$32.25
1962	8	5.257764	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$394.33	75	55	27%	20	20	\$105.16
1962	8	189.813855	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$14,236.04	75	55	27%	20	20	\$3,796.28
1962	8	5.092397	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$381.93	75	55	27%	20	20	\$101.85
1962	8	114.350299	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$8,576.27	75	55	27%	20	20	\$2,287.01
1962	8	158.764653	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$11,907.35	75	55	27%	20	20	\$3,172.24
1962	8	0.461888	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$34.64	75	55	27%	20	20	\$9.24
1962	8	261.450084	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$19,608.76	75	55	27%	20	20	\$5,229.00
1962	8	5.676797	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$425.76	75	55	27%	20	20	\$113.54
1962	8	241.600067	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$18,120.01	75	55	27%	20	20	\$4,832.00
1962	8	244.109429	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$18,308.21	75	55	27%	20	20	\$4,882.19
1962	8	1.820384	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$136.53	75	55	27%	20	20	\$36.41
1962	8	94.636425	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$7,097.73	75	55	27%	20	20	\$1,892.73
1962	8	109.642619	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$8,223.20	75	55	27%	20	20	\$2,192.85
1962	8	3.316201	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$248.72	75	55	27%	20	20	\$66.32
1962	8	189.664873	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$14,224.87	75	55	27%	20	20	\$3,793.30
1962	8	2.290657	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$171.80	75	55	27%	20	20	\$45.81
1962	8	320.437647	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$24,032.82	75	55	27%	20	20	\$6,408.75
1962	8	341.401831	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$25,605.14	75	55	27%	20	20	\$6,828.04
1962	8	385.958154	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$28,946.86	75	55	27%	20	20	\$7,719.16
1962	8	228.77139	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$17,157.85	75	55	27%	20	20	\$4,575.43
1962	8	125.941789	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$9,445.63	75	55	27%	20	20	\$2,518.84
1962	8	161.554921	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$12,116.62	75	55	27%	20	20	\$3,231.10
1962	8	171.272605	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$12,845.45	75	55	27%	20	20	\$3,425.45
1962	8	213.756008	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$16,031.70	75	55	27%	20	20	\$4,275.12
1962	8	6.55069	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$491.30	75	55	27%	20	20	\$131.01
1962	8	1.066931	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$80.02	75	55	27%	20	20	\$21.34
1962	8	138.858207	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$10,414.37	75	55	27%	20	20	\$2,777.16
1962	8	186.206738	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$13,965.51	75	55	27%	20	20	\$3,724.13
1962	8	83.073457	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$6,230.51	75	55	27%	20	20	\$1,661.47
1962	8	181.772077	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$13,632.91	75	55	27%	20	20	\$3,635.44
1962	8	20.782301	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$1,558.67	75	55	27%	20	20	\$415.65
1962	8	47.138277	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$3,535.37	75	55	27%	20	20	\$942.77
1962	8	72.123319	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$5,409.25	75	55	27%	20	20	\$1,442.47
1962	8	1.729963	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$129.75	75	55	27%	20	20	\$34.60
1962	8	72.873959	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$5,465.55	75	55	27%	20	20	\$1,457.48
1962	8	1.58761	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$119.07	75	55	27%	20	20	\$31.75
1962	8	72.916926	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$5,468.77	75	55	27%	20	20	\$1,458.34
1962	8	0.492873	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$36.97	75	55	27%	20	20	\$9.86
1962	8	279.138786	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$20,935.41	75	55	27%	20	20	\$5,582.78
1962	8	1.732938	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$129.97	75	55	27%	20	20	\$34.66
1962	8	112.054709	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$8,404.10	75	55	27%	20	20	\$2,241.09
1962	8	212.158783	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$15,911.91	75	55	27%	20	20	\$4,243.18
1962	8	370.631865	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$27,797.39	75	55	27%	20	20	\$7,412.64
1962	8	5.893318	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$442.00	75	55	27%	20	20	\$117.87
1962	8	10.701484	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$802.61	75	55	27%	20	20	\$214.03
1962	8	517.959304	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$38,846.95	75	55	27%	20	20	\$10,359.19
1962	8	7.138105	\$0	\$0	\$0	\$0	\$0	\$																						

**JAMESTOWN SEWER SYSTEM
VALUE OF SEWER GRAVITY AND FORCE MAINS
DRAFT**

INSTALL YEAR	DIAMETER	LENGTH	0.75	1	1.25	1.5	2	2.5	3	4	6	8	10	12	15	18	20	21	24	27	30	42	54	Unit cost	Total cost	Life	Age	Remaining			Current Value	
			\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$85.00	\$115.00	\$135.00	\$160.00	\$195.00	\$210.00	\$235.00	\$265.00	\$285.00					\$525.00	\$700.00	life		life
1948	8	374.070923	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$28,055.32	75	69	10%	7.5	10	\$2,805.53
1948	8	240.28617	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$18,021.46	75	69	10%	7.5	10	\$1,802.15
1948	8	380.731546	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$28,554.87	75	69	10%	7.5	10	\$2,855.49
1948	8	185.858153	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$13,939.36	75	69	10%	7.5	10	\$1,393.94
1948	8	130.354175	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$9,776.56	75	69	10%	7.5	10	\$977.66
1948	8	93.261799	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$6,994.63	75	69	10%	7.5	10	\$699.46
1948	8	291.359562	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$21,851.97	75	69	10%	7.5	10	\$2,185.20
1948	8	176.836117	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$13,262.71	75	69	10%	7.5	10	\$1,326.27
1948	8	181.406276	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$13,605.47	75	69	10%	7.5	10	\$1,360.55
1948	8	353.106715	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$26,483.00	75	69	10%	7.5	10	\$2,648.30
1948	8	135.388279	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$10,154.12	75	69	10%	7.5	10	\$1,015.41
1948	8	351.276987	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$26,345.77	75	69	10%	7.5	10	\$2,634.58
1948	8	346.016499	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$25,951.24	75	69	10%	7.5	10	\$2,595.12
1948	8	357.402229	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$26,805.17	75	69	10%	7.5	10	\$2,680.52
1948	8	388.493557	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$29,137.02	75	69	10%	7.5	10	\$2,913.70
1948	8	258.655214	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$19,399.14	75	69	10%	7.5	10	\$1,939.91
1948	8	202.360467	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$15,177.04	75	69	10%	7.5	10	\$1,517.70
1948	8	158.945635	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$11,920.92	75	69	10%	7.5	10	\$1,192.09
1948	8	313.41058	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$23,505.79	75	69	10%	7.5	10	\$2,350.58
1960	8	202.342427	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$15,175.68	75	57	24%	18	20	\$3,642.16
1960	8	350.59615	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$26,294.71	75	57	24%	18	20	\$6,310.73
1960	8	451.02387	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$33,826.79	75	57	24%	18	20	\$8,118.43
1962	8	136.763487	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$10,257.26	75	55	27%	20	20	\$2,735.27
1962	8	200.382156	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$15,028.66	75	55	27%	20	20	\$4,007.64
1962	8	201.545653	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$15,115.92	75	55	27%	20	20	\$4,030.91
1962	8	85.840662	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$6,438.05	75	55	27%	20	20	\$1,716.81
1962	8	287.182515	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$21,538.69	75	55	27%	20	20	\$5,743.65
1962	8	169.30818	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$12,698.11	75	55	27%	20	20	\$3,386.16
1962	8	276.500527	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$20,737.54	75	55	27%	20	20	\$5,530.01
1962	8	198.343064	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$14,875.73	75	55	27%	20	20	\$3,966.86
1962	8	350.070844	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$26,255.31	75	55	27%	20	20	\$7,001.42
1962	8	250.360866	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$18,777.06	75	55	27%	20	20	\$5,007.22
1962	8	56.62867	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$4,247.15	75	55	27%	20	20	\$1,132.57
1962	8	272.809178	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$20,460.69	75	55	27%	20	20	\$5,456.18
1962	8	64.554129	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$4,841.56	75	55	27%	20	20	\$1,291.08
1962	8	217.282899	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$16,296.22	75	55	27%	20	20	\$4,345.66
1962	8	281.819849	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$21,136.49	75	55	27%	20	20	\$5,636.40
1962	8	152.911767	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$11,468.38	75	55	27%	20	20	\$3,058.24
1962	8	161.060629	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$12,079.55	75	55	27%	20	20	\$3,221.21
1962	8	96.013506	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$7,201.01	75	55	27%	20	20	\$1,920.27
1962	8	341.637127	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$25,622.78	75	55	27%	20	20	\$6,832.74
1962	8	178.564663	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$13,392.35	75	55	27%	20	20	\$3,571.29
1962	8	242.848243	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$18,213.62	75	55	27%	20	20	\$4,856.96
1962	8	181.472451	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$13,610.43	75	55	27%	20	20	\$3,629.45
1962	8	224.667779	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$16,850.08	75	55	27%	20	20	\$4,493.36
1962	8	139.347591	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$10,451.07	75	55	27%	20	20	\$2,786.95
1962	8	187.188737	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$14,039.16	75	55	27%	20	20	\$3,743.77
1962	8	6.024603	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$451.85	75	55	27%	20	20	\$120.49
1962	8	185.675826	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$13,925.69	75	55	27%	20	20	\$3,713.52

JAMESTOWN SEWER SYSTEM
VALUE OF SEWER GRAVITY AND FORCE MAINS
*****DRAFT*****

INSTALL YEAR	DIAMETER	LENGTH	0.75	1	1.25	1.5	2	2.5	3	4	6	8	10	12	15	18	20	21	24	27	30	42	54	Unit cost	Total cost	Life	Age	Rounded				Current Value
			\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$85.00	\$115.00	\$135.00	\$160.00	\$195.00	\$210.00	\$235.00	\$265.00	\$285.00					\$525.00	\$700.00	life	life	
1968	8	163.242803	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$12,243.21	75	49	35%	26	30	\$4,244.31	
1968	8	167.324028	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$12,549.30	75	49	35%	26	30	\$4,350.42	
1968	8	142.598925	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$10,694.92	75	49	35%	26	30	\$3,707.57	
1968	8	89.543698	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$6,715.78	75	49	35%	26	30	\$2,328.14	
1968	8	81.67495	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$6,125.62	75	49	35%	26	30	\$2,123.55	
1968	8	107.78128	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$8,083.60	75	49	35%	26	30	\$2,802.31	
1968	8	275.368623	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$20,652.65	75	49	35%	26	30	\$7,159.58	
1968	8	84.99353	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$6,374.51	75	49	35%	26	30	\$2,209.83	
1968	8	105.240351	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$7,893.03	75	49	35%	26	30	\$2,736.25	
1968	8	275.453665	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$20,659.02	75	49	35%	26	30	\$7,161.80	
1968	8	211.952822	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$15,896.46	75	49	35%	26	30	\$5,510.77	
1968	8	97.717533	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$7,328.81	75	49	35%	26	30	\$2,328.66	
1968	8	103.712405	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$7,778.43	75	49	35%	26	30	\$2,696.52	
1968	8	184.915494	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$13,868.66	75	49	35%	26	30	\$4,807.80	
1968	8	260.063285	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$19,504.75	75	49	35%	26	30	\$6,761.65	
1968	8	159.381595	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$11,953.62	75	49	35%	26	30	\$4,143.92	
1968	8	252.155858	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$18,911.69	75	49	35%	26	30	\$6,556.05	
1968	8	144.647839	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$10,848.59	75	49	35%	26	30	\$3,760.84	
1968	8	164.514041	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$12,338.55	75	49	35%	26	30	\$4,277.37	
1968	8	268.19632	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$20,114.72	75	49	35%	26	30	\$6,973.10	
1968	8	336.756003	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$25,256.70	75	49	35%	26	30	\$8,755.66	
1968	8	211.52288	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$15,864.22	75	49	35%	26	30	\$5,499.59	
1968	8	173.627187	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$13,022.04	75	49	35%	26	30	\$4,514.31	
1968	8	157.966596	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$11,847.49	75	49	35%	26	30	\$4,107.13	
1973	8	254.087071	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$19,056.53	75	44	41%	31	30	\$7,876.70	
1973	8	100.037885	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$7,502.84	75	44	41%	31	30	\$3,101.17	
1973	8	94.387706	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$7,079.08	75	44	41%	31	30	\$2,926.02	
1973	8	156.552939	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$11,741.47	75	44	41%	31	30	\$4,853.14	
1973	8	225.170034	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$16,887.75	75	44	41%	31	30	\$6,980.27	
1973	8	178.494451	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$13,387.08	75	44	41%	31	30	\$5,533.33	
1973	8	98.590936	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$7,394.32	75	44	41%	31	30	\$3,056.32	
1973	8	91.751766	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$6,881.38	75	44	41%	31	30	\$2,844.30	
1973	8	151.984403	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$11,398.83	75	44	41%	31	30	\$4,711.52	
1973	8	231.99606	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$17,399.70	75	44	41%	31	30	\$7,191.88	
1973	8	168.685484	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$12,651.41	75	44	41%	31	30	\$5,229.25	
1973	8	154.256508	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$11,569.24	75	44	41%	31	30	\$4,781.95	
1973	8	278.300553	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$20,872.54	75	44	41%	31	30	\$8,627.32	
1973	8	568.339406	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$42,625.46	75	44	41%	31	30	\$17,618.52	
1973	8	300.868309	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$22,565.12	75	44	41%	31	30	\$9,326.92	
1973	8	120.082776	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$9,006.21	75	44	41%	31	30	\$3,722.57	
1973	8	1247.420468	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$93,556.54	75	44	41%	31	30	\$38,670.03	
1973	8	382.898887	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$28,717.42	75	44	41%	31	30	\$11,869.87	
1973	8	322.703845	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$24,202.79	75	44	41%	31	30	\$10,003.82	
1973	8	318.319583	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$23,873.97	75	44	41%	31	30	\$9,867.91	
1973	8	237.020819	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$17,776.56	75	44	41%	31	30	\$7,347.65	
1973	8	81.118596	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$6,083.89	75	44	41%	31	30	\$2,514.68	
1973	8	309.538145	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$23,215.36	75	44	41%	31	30	\$9,595.68	
1973	8	264.470544	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$19,835.29	75	44	41%	31	30	\$8,198.59	
1973	8	325.279879	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$24,395.99	75	44	41%	31	30	\$10,083.68	
1973	8	183.240608	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$13,743.05	75	44	41%	31	30	\$5,680.46	
1973	8	396.472359	\$0	\$0	\$0																											

**JAMESTOWN SEWER SYSTEM
VALUE OF SEWER GRAVITY AND FORCE MAINS
DRAFT**

INSTALL YEAR	DIAMETER	LENGTH	0.75	1	1.25	1.5	2	2.5	3	4	6	8	10	12	15	18	20	21	24	27	30	42	54	Unit cost	Total cost	Life	Age	Rounded			Current Value	
			\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$85.00	\$115.00	\$135.00	\$160.00	\$195.00	\$210.00	\$235.00	\$265.00	\$285.00					\$525.00	\$700.00	life		life
1973	8	124.804509	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$9,360.34	75	44	41%	31	30	\$3,868.94
1973	8	92.517312	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$6,938.80	75	44	41%	31	30	\$2,868.04
1973	8	89.510211	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$6,713.27	75	44	41%	31	30	\$2,774.82
1973	8	130.037883	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$9,752.84	75	44	41%	31	30	\$4,031.17
1973	8	141.492123	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$10,611.91	75	44	41%	31	30	\$4,386.26
1973	8	106.774341	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$8,008.08	75	44	41%	31	30	\$3,310.00
1973	8	4.904132	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$367.81	75	44	41%	31	30	\$152.03
1973	8	172.159971	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$12,912.00	75	44	41%	31	30	\$5,336.96
1973	8	242.299331	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$18,172.45	75	44	41%	31	30	\$7,511.28
1973	8	80.808655	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$6,060.65	75	44	41%	31	30	\$2,505.07
1973	8	155.771561	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$11,682.87	75	44	41%	31	30	\$4,828.92
1973	8	154.805183	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$11,610.39	75	44	41%	31	30	\$4,798.96
1973	8	169.048941	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$12,678.67	75	44	41%	31	30	\$5,240.52
1973	8	138.203892	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$10,365.29	75	44	41%	31	30	\$4,284.32
1973	8	138.800973	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$10,410.07	75	44	41%	31	30	\$4,302.83
1973	8	121.203078	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$9,090.23	75	44	41%	31	30	\$3,757.30
1973	8	139.9024	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$10,492.68	75	44	41%	31	30	\$4,336.97
1973	8	127.322229	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$9,549.17	75	44	41%	31	30	\$3,946.99
1973	8	105.332266	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$7,899.92	75	44	41%	31	30	\$3,265.30
1973	8	228.883475	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$17,166.26	75	44	41%	31	30	\$7,095.39
1973	8	217.606938	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$16,320.52	75	44	41%	31	30	\$6,745.82
1973	8	150.906026	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$11,317.95	75	44	41%	31	30	\$4,678.09
1973	8	181.219426	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$13,591.46	75	44	41%	31	30	\$5,617.80
1973	8	76.121018	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$5,709.08	75	44	41%	31	30	\$2,359.75
1973	8	190.339427	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$14,275.46	75	44	41%	31	30	\$5,900.52
1973	8	125.786554	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$9,433.99	75	44	41%	31	30	\$3,899.38
1973	8	221.209515	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$16,590.71	75	44	41%	31	30	\$6,857.49
1973	8	69.443222	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$5,208.24	75	44	41%	31	30	\$2,152.74
1973	8	345.077264	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$25,880.79	75	44	41%	31	30	\$10,697.40
1973	8	376.791307	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$28,259.35	75	44	41%	31	30	\$11,680.53
1973	8	254.288738	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$19,071.66	75	44	41%	31	30	\$7,882.95
1973	8	300.025115	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$22,501.88	75	44	41%	31	30	\$9,300.78
1973	8	74.428541	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$5,582.14	75	44	41%	31	30	\$2,307.28
1973	8	127.573486	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$9,568.01	75	44	41%	31	30	\$3,954.78
1973	8	128.456831	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$9,634.26	75	44	41%	31	30	\$3,982.16
1973	8	217.173671	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$16,288.03	75	44	41%	31	30	\$6,732.38
1973	8	133.064662	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$9,979.85	75	44	41%	31	30	\$4,125.00
1973	8	303.225839	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$22,741.94	75	44	41%	31	30	\$9,400.00
1973	8	348.196597	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$26,114.74	75	44	41%	31	30	\$10,794.09
1973	8	207.893692	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$15,592.03	75	44	41%	31	30	\$6,444.70
1973	8	156.655413	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$11,749.16	75	44	41%	31	30	\$4,856.32
1973	8	284.638698	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$21,347.90	75	44	41%	31	30	\$8,823.80
1973	8	203.684883	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$15,276.37	75	44	41%	31	30	\$6,314.23
1973	8	375.692517	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$28,176.94	75	44	41%	31	30	\$11,646.47
1973	8	128.408669	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$9,630.65	75	44	41%	31	30	\$3,980.67
1973	8	339.915741	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$25,493.68	75	44	41%	31	30	\$10,537.39
1973	8	97.600034	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$7,320.00	75	44	41%	31	30	\$3,025.60
1973	8	142.163359	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$10,662.25	75	44	41%	31	30	\$4,407.06
1973	8	375.146275	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$28,135.97	75	44	41%	31	30	\$11,629.53
1973	8																															

**JAMESTOWN SEWER SYSTEM
VALUE OF SEWER GRAVITY AND FORCE MAINS
DRAFT**

INSTALL YEAR	DIAMETER	LENGTH	Pipe Size																				Unit cost	Total cost	Life	Age	Remaining			Current Value
			0.75	1	1.25	1.5	2	2.5	3	4	6	8	10	12	15	18	20	21	24	27	30	42					54	life	life	
1984	8	153.410825	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$11,505.81	75	33	56%	42	40	\$6,443.25
1986	8	109.389404	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$8,204.21	75	31	59%	44	40	\$4,813.13
1986	8	172.96624	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$12,972.47	75	31	59%	44	40	\$7,610.51
1986	8	104.488465	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$7,836.63	75	31	59%	44	40	\$4,597.49
1986	8	51.979973	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$3,898.50	75	31	59%	44	40	\$2,287.12
1986	8	132.255431	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$9,919.16	75	31	59%	44	40	\$5,819.24
1986	8	103.243923	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$7,743.29	75	31	59%	44	40	\$4,542.73
1986	8	240.404705	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$18,030.35	75	31	59%	44	40	\$10,577.81
1986	8	199.750302	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$14,981.27	75	31	59%	44	40	\$8,789.01
1986	8	146.503484	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$10,987.76	75	31	59%	44	40	\$6,446.15
1986	8	202.294508	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$15,172.09	75	31	59%	44	40	\$8,900.96
1986	8	269.06818	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$20,180.11	75	31	59%	44	40	\$11,839.00
1986	8	131.338362	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$9,850.38	75	31	59%	44	40	\$5,778.89
1987	8	344.348876	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$25,826.17	75	30	60%	45	50	\$15,495.70
1987	8	233.342438	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$17,500.68	75	30	60%	45	50	\$10,500.41
1987	8	399.240315	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$29,943.02	75	30	60%	45	50	\$17,965.81
1987	8	200.904576	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$15,067.84	75	30	60%	45	50	\$9,040.71
1987	8	407.218393	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$30,541.38	75	30	60%	45	50	\$18,324.83
1987	8	276.791112	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$20,759.33	75	30	60%	45	50	\$12,455.60
1987	8	246.556003	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$18,491.70	75	30	60%	45	50	\$11,095.02
1987	8	126.261679	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$9,469.63	75	30	60%	45	50	\$5,681.78
1987	8	71.589846	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$5,369.24	75	30	60%	45	50	\$3,221.54
1987	8	380.771138	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$28,557.84	75	30	60%	45	50	\$17,134.70
1987	8	197.245934	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$14,793.45	75	30	60%	45	50	\$8,876.07
1988	8	111.909685	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$8,393.23	75	29	61%	46	50	\$5,147.85
1988	8	174.362886	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$13,077.22	75	29	61%	46	50	\$8,020.69
1988	8	180.434336	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$13,532.58	75	29	61%	46	50	\$8,299.98
1988	8	129.227543	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$9,692.07	75	29	61%	46	50	\$5,944.47
1988	8	264.795739	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$19,859.68	75	29	61%	46	50	\$12,180.60
1988	8	212.661178	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$15,949.59	75	29	61%	46	50	\$9,782.41
1988	8	145.128909	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$10,884.67	75	29	61%	46	50	\$6,675.93
1988	8	174.175388	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$13,063.15	75	29	61%	46	50	\$8,012.07
1988	8	170.892901	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$12,816.97	75	29	61%	46	50	\$7,861.07
1988	8	183.272754	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$13,745.46	75	29	61%	46	50	\$8,430.55
1988	8	118.394893	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$8,879.62	75	29	61%	46	50	\$5,446.17
1992	8	205.261074	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$15,394.58	75	25	67%	50	50	\$10,263.05
1992	8	194.746273	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$14,605.97	75	25	67%	50	50	\$9,737.31
1992	8	357.812871	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$26,835.97	75	25	67%	50	50	\$17,890.64
1992	8	169.989994	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$12,749.25	75	25	67%	50	50	\$8,499.50
1992	8	245.971158	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$18,447.84	75	25	67%	50	50	\$12,298.56
1992	8	242.269859	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$18,170.24	75	25	67%	50	50	\$12,113.49
1992	8	256.199254	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$19,214.94	75	25	67%	50	50	\$12,809.96
1992	8	168.436224	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$12,632.72	75	25	67%	50	50	\$8,421.81
1992	8	279.982273	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$20,998.67	75	25	67%	50	50	\$13,999.11
1992	8	75.192084	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$5,639.41	75	25	67%	50	50	\$3,759.60
1992	8	192.942159	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$14,470.66	75	25	67%	50	50	\$9,647.11
1992	8	208.93907	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$15,670.43	75	25	67%	50	50	\$10,446.95
1992	8	172.135943	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$12,910.20	75	25	67%	50	50	\$8,606.80
1992	8	406.230459	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$30,467.28	75	25	67%	50	50	\$20,311.52
1992	8	345.310348	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$25,898.28	75	25	67%	50	50	\$17,265.52
1992	8	305.269364	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$22,895.20	75	25	67%	50	50	\$15,263.47
1992	8	197.317835	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$14,798.84	75	25	67%	50	50	\$9,865.89
1992	8	301.41793	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0													

**JAMESTOWN SEWER SYSTEM
VALUE OF SEWER GRAVITY AND FORCE MAINS
DRAFT**

INSTALL YEAR	DIAMETER	LENGTH	0.75	1	1.25	1.5	2	2.5	3	4	6	8	10	12	15	18	20	21	24	27	30	42	54	Unit cost	Total cost	Life	Age	Rounded				Current Value
			\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$85.00	\$115.00	\$135.00	\$160.00	\$195.00	\$210.00	\$235.00	\$265.00	\$285.00					\$525.00	\$700.00	life	life	
1997	8	194.78198	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$14,608.65	75	20	73%	55	60	\$10,713.01	
1997	8	62.073711	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$4,655.53	75	20	73%	55	60	\$3,414.05	
1997	8	212.703765	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$15,952.78	75	20	73%	55	60	\$11,698.71	
1997	8	157.141204	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$11,785.59	75	20	73%	55	60	\$8,642.77	
1997	8	126.336139	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$9,475.21	75	20	73%	55	60	\$6,948.49	
1997	8	286.975203	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$21,523.14	75	20	73%	55	60	\$15,783.64	
1997	8	182.778978	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$13,708.42	75	20	73%	55	60	\$10,052.84	
1997	8	93.286222	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$6,996.47	75	20	73%	55	60	\$5,130.74	
1997	8	178.969716	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$13,422.73	75	20	73%	55	60	\$9,843.33	
1997	8	284.785735	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$21,358.93	75	20	73%	55	60	\$15,663.22	
1997	8	182.266869	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$13,670.02	75	20	73%	55	60	\$10,024.68	
1997	8	141.397454	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$10,604.81	75	20	73%	55	60	\$7,776.86	
1997	8	74.166757	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$5,562.51	75	20	73%	55	60	\$4,079.17	
1997	8	363.635312	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$27,272.65	75	20	73%	55	60	\$19,999.94	
1997	8	206.657954	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$15,499.35	75	20	73%	55	60	\$11,366.19	
1997	8	229.018954	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$17,176.42	75	20	73%	55	60	\$12,596.04	
1997	8	159.042721	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$11,928.20	75	20	73%	55	60	\$8,747.35	
1997	8	193.38662	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$14,504.00	75	20	73%	55	60	\$10,636.26	
1997	8	190.934235	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$14,320.07	75	20	73%	55	60	\$10,501.38	
1997	8	59.215266	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$4,441.14	75	20	73%	55	60	\$3,256.84	
1997	8	86.96079	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$6,522.06	75	20	73%	55	60	\$4,782.84	
1997	8	81.200151	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$6,090.01	75	20	73%	55	60	\$4,466.01	
1997	8	128.582277	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$9,643.67	75	20	73%	55	60	\$7,072.03	
1997	8	240.81788	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$18,061.34	75	20	73%	55	60	\$13,244.98	
1997	8	152.590711	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$11,444.30	75	20	73%	55	60	\$8,392.49	
1997	8	125.884254	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$9,441.32	75	20	73%	55	60	\$6,923.63	
1997	8	257.082207	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$19,281.17	75	20	73%	55	60	\$14,139.52	
1997	8	165.139454	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$12,385.46	75	20	73%	55	60	\$9,082.67	
1997	8	334.682019	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$25,101.15	75	20	73%	55	60	\$18,407.51	
1997	8	119.386481	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$8,953.99	75	20	73%	55	60	\$6,566.26	
1997	8	174.156034	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$13,061.70	75	20	73%	55	60	\$9,578.58	
1997	8	174.385127	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$13,078.88	75	20	73%	55	60	\$9,591.18	
1997	8	320.547626	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$24,041.07	75	20	73%	55	60	\$17,630.12	
1997	8	258.096946	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$19,357.27	75	20	73%	55	60	\$14,195.33	
1997	8	139.279828	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$10,445.99	75	20	73%	55	60	\$7,660.39	
1997	8	405.916164	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$30,443.71	75	20	73%	55	60	\$22,325.39	
1997	8	305.756228	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$22,931.72	75	20	73%	55	60	\$16,816.59	
1997	8	212.354412	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$15,926.58	75	20	73%	55	60	\$11,679.49	
1997	8	190.626822	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$14,297.01	75	20	73%	55	60	\$10,484.48	
1997	8	308.930252	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$23,169.77	75	20	73%	55	60	\$16,991.16	
1997	8	139.3524	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$10,451.43	75	20	73%	55	60	\$7,664.38	
1997	8	327.136733	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$24,535.25	75	20	73%	55	60	\$17,992.52	
1997	8	52.221304	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$3,916.60	75	20	73%	55	60	\$2,872.17	
1997	8	124.33107	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$9,324.83	75	20	73%	55	60	\$6,838.21	
1997	8	101.029598	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$7,577.22	75	20	73%	55	60	\$5,556.63	
1997	8	298.541497	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$22,390.61	75	20	73%	55	60	\$16,419.78	
1997	8	42.786068	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$3,208.96	75	20	73%	55	60	\$2,353.23	
1997	8	268.766415	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$20,157.48	75	20	73%	55	60	\$14,782.15	
1997	8	190.265302	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$14,269.90	75	20	73%	55	60	\$10,464.59	
1997	8	267.955314	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$20,096.65	75	20	73%	55	60	\$14,737.54	
1997	8	131.849455	\$0	\$0	\$																											

**JAMESTOWN SEWER SYSTEM
 VALUE OF SEWER GRAVITY AND FORCE MAINS
 DRAFT**

INSTALL YEAR	DIAMETER	LENGTH	0.75	1	1.25	1.5	2	2.5	3	4	6	8	10	12	15	18	20	21	24	27	30	42	54	Unit cost	Total cost	Life	Age	Rounded			Current Value	
			\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00					\$75.00	\$75.00	life		life
2008	8	246.702869	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$18,502.72	75	9	88%	66	70	\$16,282.39
2008	8	267.931795	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$20,094.88	75	9	88%	66	70	\$17,683.50
2008	8	131.850728	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$9,888.80	75	9	88%	66	70	\$8,702.15
2008	8	99.633041	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$7,472.48	75	9	88%	66	70	\$6,575.78
2008	8	6.880232	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$516.02	75	9	88%	66	70	\$454.10
2008	8	136.712201	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$10,253.42	75	9	88%	66	70	\$9,023.01
2008	8	261.427252	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$19,607.04	75	9	88%	66	70	\$17,254.20
2008	8	239.433332	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$17,957.50	75	9	88%	66	70	\$15,802.60
2008	8	202.735388	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$15,205.15	75	9	88%	66	70	\$13,380.54
1962	8	213.209807	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$15,990.74	75	55	27%	20	20	\$4,264.20
1962	8	242.994117	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$18,224.56	75	55	27%	20	20	\$4,859.88
1962	8	196.673472	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$14,750.51	75	55	27%	20	20	\$3,933.47
1962	8	299.53268	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$22,464.95	75	55	27%	20	20	\$5,990.65
1962	10	197.781911	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85.00	\$16,811.46	75	55	27%	20	20	\$4,483.06
1962	10	234.265839	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85.00	\$19,912.60	75	55	27%	20	20	\$5,310.03
1962	10	308.374298	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85.00	\$26,211.82	75	55	27%	20	20	\$6,989.82
1962	10	236.697953	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85.00	\$20,119.33	75	55	27%	20	20	\$5,365.15
1962	10	50.620942	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85.00	\$4,302.78	75	55	27%	20	20	\$1,147.41
1962	10	187.916114	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85.00	\$15,972.87	75	55	27%	20	20	\$4,259.43
1962	10	230.733843	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85.00	\$19,612.38	75	55	27%	20	20	\$5,229.97
1962	10	166.452675	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85.00	\$14,148.48	75	55	27%	20	20	\$3,772.93
1962	10	11.788143	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85.00	\$1,001.99	75	55	27%	20	20	\$267.20
1960	10	254.77024	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85.00	\$21,655.47	75	57	24%	18	20	\$5,197.31
1960	10	258.209418	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85.00	\$21,947.80	75	57	24%	18	20	\$5,267.47
1960	10	85.590381	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85.00	\$7,275.18	75	57	24%	18	20	\$1,746.04
1960	10	173.990369	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85.00	\$14,789.18	75	57	24%	18	20	\$3,549.40
1960	10	223.908426	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85.00	\$19,032.22	75	57	24%	18	20	\$4,567.73
1960	10	226.405878	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85.00	\$19,244.50	75	57	24%	18	20	\$4,618.68
1960	10	215.133426	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85.00	\$18,286.34	75	57	24%	18	20	\$4,388.72
1962	10	250.516846	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85.00	\$21,293.93	75	55	27%	20	20	\$5,678.38
1962	10	299.139453	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85.00	\$25,426.85	75	55	27%	20	20	\$6,780.49
1962	10	371.613386	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85.00	\$31,587.14	75	55	27%	20	20	\$8,423.24
1962	10	206.610887	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85.00	\$17,561.93	75	55	27%	20	20	\$4,683.18
1962	10	410.514063	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85.00	\$34,893.70	75	55	27%	20	20	\$9,304.99
1962	10	173.483766	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85.00	\$14,746.12	75	55	27%	20	20	\$3,932.30
1962	10	201.108825	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85.00	\$17,094.25	75	55	27%	20	20	\$4,558.47
1962	10	248.596094	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85.00	\$21,130.67	75	55	27%	20	20	\$5,634.84
1962	10	217.770189	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85.00	\$18,510.47	75	55	27%	20	20	\$4,936.12
1962	10	202.025557	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85.00	\$17,172.17	75	55	27%	20	20	\$4,579.25
1962	10	205.295075	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85.00	\$17,450.08	75	55	27%	20	20	\$4,653.36
1962	10	157.028054	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85.00	\$13,347.38	75	55	27%	20	20	\$3,559.30
1962	10	207.799935	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85.00	\$17,662.99	75	55	27%	20	20	\$4,710.13
1962	10	370.061187	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85.00	\$31,455.20	75	55	27%	20	20	\$8,388.05
1962	10	208.121515	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85.00	\$17,690.33	75	55	27%	20	20	\$4,717.42
1962	10	192.707098	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85.00	\$16,380.10	75	55	27%	20	20	\$4,368.03
1962	10	68.667957	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85.00	\$5,836.78	75	55	27%	20	20	\$1,556.47
1962	10	149.426077	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85.00	\$12,701.22	75	55	27%	20	20	\$3,386.99
1962	10	308.380736	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85.00	\$26,212.36	75	55	27%	20	20	\$6,989.96
1962	10	261.787397	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85.00	\$22,251.93	75	55	27%	20	20	\$

JAMESTOWN SEWER SYSTEM
VALUE OF SEWER GRAVITY AND FORCE MAINS
*****DRAFT*****

INSTALL YEAR	DIAMETER	LENGTH	0.75	1	1.25	1.5	2	2.5	3	4	6	8	10	12	15	18	20	21	24	27	30	42	54	Unit cost	Total cost	Life	Age	Rounded				Current Value
			\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$85.00	\$115.00	\$135.00	\$160.00	\$195.00	\$210.00	\$235.00	\$265.00	\$285.00					\$525.00	\$700.00	life	life	
1969	10	413.347047	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85.00	\$35,134.50	75	48	36%	27	30	\$12,648.42	
1969	10	25.824348	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85.00	\$2,195.07	75	48	36%	27	30	\$790.23	
1969	10	87.155416	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85.00	\$7,408.21	75	48	36%	27	30	\$2,666.96	
1969	10	260.887286	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85.00	\$22,175.42	75	48	36%	27	30	\$7,983.15	
1969	10	197.326122	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85.00	\$16,772.72	75	48	36%	27	30	\$6,038.18	
1969	10	270.339075	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85.00	\$22,978.82	75	48	36%	27	30	\$8,272.38	
1969	10	184.011124	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85.00	\$15,640.95	75	48	36%	27	30	\$5,630.74	
1969	10	393.877209	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85.00	\$33,479.56	75	48	36%	27	30	\$12,052.64	
1969	10	254.139895	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85.00	\$21,601.89	75	48	36%	27	30	\$7,776.68	
1969	10	126.659349	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85.00	\$10,766.04	75	48	36%	27	30	\$3,875.78	
1969	10	23.565056	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85.00	\$2,003.03	75	48	36%	27	30	\$721.09	
1969	10	2.973163	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85.00	\$252.72	75	48	36%	27	30	\$90.98	
1969	10	341.007092	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85.00	\$28,985.60	75	48	36%	27	30	\$10,434.82	
1982	10	352.458527	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85.00	\$29,958.97	75	35	53%	40	40	\$15,978.12	
1982	10	300.983915	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85.00	\$25,583.63	75	35	53%	40	40	\$13,644.60	
1982	10	182.674056	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85.00	\$15,527.29	75	35	53%	40	40	\$8,281.22	
1982	10	167.461796	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85.00	\$14,234.25	75	35	53%	40	40	\$7,591.60	
1982	10	101.922194	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85.00	\$8,663.39	75	35	53%	40	40	\$4,620.47	
1982	10	295.329452	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85.00	\$25,103.00	75	35	53%	40	40	\$13,388.27	
2002	10	99.988965	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85.00	\$8,499.06	75	15	80%	60	60	\$6,799.25	
2002	10	388.897779	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85.00	\$33,056.31	75	15	80%	60	60	\$26,445.05	
2005	10	243.057348	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85.00	\$20,659.87	75	12	84%	63	60	\$17,354.29	
2008	10	231.934828	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85.00	\$19,714.46	75	9	88%	66	70	\$17,348.73	
2008	10	131.365306	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85.00	\$11,166.05	75	9	88%	66	70	\$9,826.12	
2008	10	213.935765	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85.00	\$18,184.54	75	9	88%	66	70	\$16,002.40	
2008	10	201.366123	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85.00	\$17,116.12	75	9	88%	66	70	\$15,062.19	
2008	10	321.267501	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85.00	\$27,307.74	75	9	88%	66	70	\$24,030.81	
2008	10	396.959378	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85.00	\$33,741.55	75	9	88%	66	70	\$29,692.56	
2008	10	42.741935	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85.00	\$3,633.06	75	9	88%	66	70	\$3,197.10	
2008	10	352.203726	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85.00	\$29,937.32	75	9	88%	66	70	\$26,344.84	
1962	10	242.275529	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$85.00	\$20,593.42	75	55	27%	20	20	\$5,491.58	
1962	12	259.528014	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115.00	\$29,845.72	75	55	27%	20	20	\$7,958.86	
1968	12	298.915586	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115.00	\$34,375.29	75	49	35%	26	30	\$11,916.77	
1982	12	12.318558	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115.00	\$1,416.63	75	35	53%	40	40	\$755.54	
1983	12	214.91754	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115.00	\$24,715.52	75	34	55%	41	40	\$13,511.15	
1983	12	258.281786	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115.00	\$29,702.41	75	34	55%	41	40	\$16,237.31	
1962	12	22.325043	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115.00	\$2,567.38	75	55	27%	20	20	\$684.63	
1962	15	31.694152	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$135	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$135.00	\$4,278.71	75	55	27%	20	20	\$1,140.99	
1965	15	652.915884	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$135	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$135.00	\$88,143.64	75	52	31%	23	20	\$27,030.72	
1965	15	217.533986	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$135	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$135.00	\$29,367.09	75	52	31%	23	20	\$9,005.91	
1965	15	324.799338	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$135	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$135.00	\$43,847.91	75	52	31%	23	20	\$13,446.69	
1965	15	232.636403	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$135	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$135.00	\$31,405.91	75	52	31%	23	20	\$9,631.15	
1965	15	186.076431	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$135	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$135.00	\$25,120.32	75	52	31%	23	20	\$7,703.56	
1965	15	69.573031	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$135	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$135.00	\$9,392.36	75	52	31%	23	20	\$2,880.32	
1965	15	245.56268	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$135	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$135.00	\$33,150.96	75	52	31%	23	20	\$10,166.29	
1965	15	595.869779	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$135	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$135.00	\$80,442.42	75	52	31%	23	20	\$24,669.01	
1965	15	219.400505	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$135	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$135.00	\$29,619.07	75	52	31%	23	20	\$9,083.18	
1965	15	184.021526	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$135	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$135.00	\$24,842.91	75	52	31%	23	20	\$7,618.49	
1965	15	43.210475	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$135	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$135.00	\$5,833.41	75	52	31%	23	20	\$1,788.91	
1965	15	328.064037	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$135	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$135.00	\$44,288.64	75	52	3				

**JAMESTOWN SEWER SYSTEM
VALUE OF SEWER GRAVITY AND FORCE MAINS
DRAFT**

INSTALL YEAR	DIAMETER	LENGTH	Pipe Size																		Unit cost	Total cost	Life	Age	Remaining			Current Value		
			0.75	1	1.25	1.5	2	2.5	3	4	6	8	10	12	15	18	20	21	24	27					30	42	54		life	life
1962	18	125.890906	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$160	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$160.00	\$20,142.54	75	55	27%	20	20	\$5,371.35
1962	18	271.649068	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$160	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$160.00	\$43,463.85	75	55	27%	20	20	\$11,590.36
1962	18	253.087451	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$160	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$160.00	\$40,493.99	75	55	27%	20	20	\$10,798.40
1962	18	367.566498	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$160	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$160.00	\$58,810.64	75	55	27%	20	20	\$15,682.84
1962	18	210.342791	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$160	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$160.00	\$33,654.85	75	55	27%	20	20	\$8,974.63
1962	18	316.124192	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$160	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$160.00	\$50,579.87	75	55	27%	20	20	\$13,487.97
1962	18	394.703877	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$160	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$160.00	\$63,152.62	75	55	27%	20	20	\$16,840.70
1962	18	282.42431	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$160	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$160.00	\$45,187.89	75	55	27%	20	20	\$12,050.10
1962	18	254.24899	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$160	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$160.00	\$40,679.84	75	55	27%	20	20	\$10,847.96
1962	18	214.42182	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$160	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$160.00	\$34,307.49	75	55	27%	20	20	\$9,148.66
1962	18	216.636038	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$160	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$160.00	\$34,661.77	75	55	27%	20	20	\$9,243.14
1962	18	185.722685	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$160	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$160.00	\$29,715.63	75	55	27%	20	20	\$7,924.17
1962	18	293.832242	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$160	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$160.00	\$47,013.16	75	55	27%	20	20	\$12,536.84
1962	18	205.453715	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$160	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$160.00	\$32,872.59	75	55	27%	20	20	\$8,766.03
1962	18	336.728749	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$160	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$160.00	\$53,876.60	75	55	27%	20	20	\$14,367.09
1962	18	193.498614	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$160	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$160.00	\$30,959.78	75	55	27%	20	20	\$8,255.94
1962	18	348.119789	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$160	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$160.00	\$55,699.17	75	55	27%	20	20	\$14,853.11
1962	18	175.698626	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$160	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$160.00	\$28,111.78	75	55	27%	20	20	\$7,496.47
1962	18	257.062471	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$160	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$160.00	\$41,130.00	75	55	27%	20	20	\$10,968.00
1962	18	316.755581	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$160	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$160.00	\$50,680.89	75	55	27%	20	20	\$13,514.90
1962	18	443.148681	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$160	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$160.00	\$70,903.79	75	55	27%	20	20	\$18,907.68
1962	18	409.677677	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$160	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$160.00	\$65,548.43	75	55	27%	20	20	\$17,479.58
1962	18	95.284314	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$160	\$0	\$0	\$15,245.49	\$0	\$0	\$0	\$0	\$160.00	\$15,245.49	75	55	27%	20	20	\$4,065.46
1962	18	317.175882	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$160	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$160.00	\$50,748.14	75	55	27%	20	20	\$13,532.84
1965	18	276.721629	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$160	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$160.00	\$44,275.46	75	52	31%	23	20	\$13,577.81
1965	18	311.892785	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$160	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$160.00	\$49,902.85	75	52	31%	23	20	\$15,303.54
1965	18	195.756743	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$160	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$160.00	\$31,321.08	75	52	31%	23	20	\$9,605.13
1997	18	113.930706	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$160	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$160.00	\$18,228.91	75	20	73%	55	60	\$13,367.87
1987	21	265.957532	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$210	\$0	\$0	\$0	\$0	\$0	\$210.00	\$55,851.08	75	30	60%	45	50	\$33,510.65
1987	21	65.947134	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$210	\$0	\$0	\$0	\$0	\$210.00	\$13,848.90	75	30	60%	45	50	\$8,309.34
1987	21	155.234173	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$210	\$0	\$0	\$0	\$0	\$210.00	\$32,599.18	75	30	60%	45	50	\$19,559.51
1987	21	227.696182	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$210	\$0	\$0	\$0	\$0	\$0	\$210.00	\$47,816.20	75	30	60%	45	50	\$28,689.72
1987	24	284.134884	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$235	\$0	\$0	\$0	\$0	\$235.00	\$66,771.70	75	30	60%	45	50	\$40,063.02
1987	24	304.729383	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$235	\$0	\$0	\$0	\$0	\$235.00	\$71,611.41	75	30	60%	45	50	\$42,966.84
1987	24	437.098604	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$235	\$0	\$0	\$0	\$0	\$235.00	\$102,718.17	75	30	60%	45	50	\$61,630.90
1987	24	177.908892	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$235	\$0	\$0	\$0	\$0	\$235.00	\$41,808.59	75	30	60%	45	50	\$25,085.15
1987	24	158.936449	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$235	\$0	\$0	\$0	\$0	\$235.00	\$37,350.07	75	30	60%	45	50	\$22,410.04
1987	24	326.121143	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$235	\$0	\$0	\$0	\$0	\$235.00	\$76,638.47	75	30	60%	45	50	\$45,983.08
1987	24	368.04965	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$235	\$0	\$0	\$0	\$0	\$235.00	\$86,491.67	75	30	60%	45	50	\$51,895.00
1962	8	241.324238	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$18,099.32	75	55	27%	20	20	\$4,826.48
1962	8	855.673272	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$64,175.50	75	55	27%	20	20	\$17,113.47
1962	8	860.766707	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$64,557.50	75	55	27%	20	20	\$17,215.33
1962	8	41.107228	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$3,083.04	75	55	27%	20	20	\$822.14
1962	8	30.492355	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$2,286.93	75	55	27%	20	20	\$609.85
1962	8	3.659969	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$274.50	75	55	27%	20	20	\$73.20
1962	8	33.700298	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$2,527.52	75	55	27%	20	20	\$674.01
1962	8	1512.010962	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$113,400.82	75	55	27%	20	20	\$30,240.22
1962	8	277.694181	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$20,827.06	75	55	27%	20	20	\$5,553.88
1962	8	1554.114026	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$116,558.55	75	55	27%	20	20	\$31,082.28
1962	8	1789.772674	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$134,232.95	75	55	27%	20	20	\$35,795.45

\$9,097,055.15