



System Development Fee

DURHAM COUNTY

JUNE 2018



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Memorandum

TO: *Kyle Manning*

FROM: *Steven Miller*

DATE: *June 5, 2018*

SUBJECT: *Durham County System Development Fee Analysis*

WR Martin was commissioned by the Durham County to analyze their Sewer System Development Fees (SDF) considering current events, 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 sewer providers must follow to charge SDFs effective October 1, 2017. The law provides a grace period through July 1, 2018 for public providers to update fees in accordance with the new procedures and conditions.

This analysis focused on reviewing the latest available fixed asset information and debt service costs as of June 30, 2018 to determine the cost of capacity for the County, 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 analysis documents the results of the various analyses and our recommendations for implementing SDFs to be charged to new customers connecting to the 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 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, tanks, treatment works, lines, and other equipment.

There are three approaches for calculating 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 consistent with the County's status for it 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 those assets to current dollars. System assets include those listed in the County depreciation report, County tax records, and staff records.

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 sewer service for development is committed by local government
2. All other development
 - a. Time of application for connection of individual unit to sewer service

They are designed to recover all or a portion of the capital investment made by the County 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's latest survey:

- 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 sewer system's assets. The calculation of the values uses a tabulation of sewer assets derived from the County's depreciation report and other sources.

Because the County's depreciation report lacks records for some sewer assets, we have analyzed the latest available GIS data for sewer lines and utilized County tax records for land values. This GIS data, showing the ages, materials, diameters, and linear feet, was used to determine a value of the components using today's hard and soft costs for line installation. After calculating a cost for replacing each line in today's dollars, we depreciated each cost according to the age of each. Recently installed sewer lines retain more of their value than those installed several decades ago. If a 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 GIS reports. GIS data and other valuation estimates are shown in the Appendix.

It is estimated that the sewer system's replacement value is approximately \$74.8 million, as shown in Table 1. 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 outstanding loans totaling \$18.7 million are deducted from the sewer system's values to determine the net system value. HB 436 also requires the deduction of grant awards however the County system has not received any as per County staff. After debt is removed, the net value of the sewer system is approximately \$56 million. These values have been reviewed by County staff.

TABLE 1		
DURHAM COUNTY		
ESTIMATED SEWER SYSTEM VALUE		
	NET	
	BOOK VALUE	SOURCE
SEWER		
COMPUTER HARDWARE	\$3,641.61	DEPRECIATION REPORT
EASEMENT	\$5,000.00	DEPRECIATION REPORT
LAND	\$6,373,586.00	COUNTY RECORDS
LINES	\$21,221,491.50	LINE DATA
LIFT STATIONS	\$689,000.00	DEPRECIATION REPORT
MACHINERY & EQUIPMENT	\$110,826.00	DEPRECIATION REPORT
VEHICLES	\$53,446.35	DEPRECIATION REPORT
WWTP	\$46,435,440.80	DEPRECIATION REPORT
TOTAL SEWER VALUE	\$74,892,432.25	

To allocate the system value 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:

- 10,584 residential sewer users,
- 329 multi-family sewer users, and
- 903 commercial sewer users and

The average monthly residential sewer flow of 3,450 gallons is reflected in Table 2.

TABLE 2						
DURHAM COUNTY						
USER EQUIVALENTS						
			Monthly	Annual	Average Monthly	
		Number	Consumption	Consumption	Consumption per User *	User
		of users	in gal	in gal	in gal	Equivalents
Sewer	Residential	10,584	36,514,800	438,177,600	3,450	10,584
	Multi-family	329	20,963,880	251,566,560		6,076
	Commercial	903	67,941,720	815,300,640		19,693
	TOTAL	11,816	125,420,400	1,505,044,800	3,450	36,354
* Average consumption figures taken from County usage summary. Consumption divided by weighted average						

Multi-family and Commercial customers discharge more flow per month than the 3,450 gallon average residential user. Each of these two groups flows are compared to residential average flow to determine their equivalent residential users (ERUs). Therefore, when the multi-family monthly flow of 20,963,880 gallons are divided by the average residential flow of 3,450 gallons, the overall count of equivalent residential users (ERUs) is 6,076. The same application of commercial customer counts and usage yields 19,693 ERUs.

Once the count within each customer class is converted to an ERU, the number of sewer ERUs are totaled to yield 36,354 sewer ERUs. The sewer system net values are further divided by the respective number of ERUs to yield maximum SDFs for a residential customer of \$1,544, as shown in Table 3.

TABLE 3		
DURHAM COUNTY		
SYSTEM DEVELOPMENT FEES		
TOTAL VALUE OF SEWER SYSTEM	\$74,892,432	
LESS GRANTS*	\$0	
LESS OUTSTANDING DEBT PRINCIPAL	\$18,758,279	
NET	\$56,134,153	
DIVIDED BY RESIDENTIAL USER EQUIVALENTS	36,354	
CHARGE FOR RESIDENTIAL CONNECTION	\$1,544	SEWER
* SOURCE: COUNTY STAFF		

For non-residential customers with various projected flows, the fees for the smallest residential meter are used and then scaled up by their flow projections. For example, a three-bedroom house has a projected flow rate that is 50% greater than a two-bedroom house. Therefore, the two-bedroom fee is multiplied by 1.5 to yield the three-bedroom fee, as shown in Table 4.

TABLE 4			
DURHAM COUNTY			
MAXIMUM SYSTEM DEVELOPMENT FEES FOR VARIOUS FLOW ALLOCATIONS			
CUSTOMER TYPE		Charge	Parameter
Single Family (Minimum 2 Bedrooms)		\$ 1,544	Each
Single Family (Each Bedroom Above 2)		\$ 771	per Bedroom
Multi-Family Units (Apartments, Duplexes, Condominiums) (Minimum 2 Bedrooms per Unit)		\$ 1,544	Each
Multi-Family (Apartments, Duplexes, Condominiums) (Each Bedroom Above 2)		\$ 771	per Bedroom
Multi-Family (Motels, Hotels)		\$ 771	per Room
Multi-Family (Motels, Hotels with Cooking Facilities in Room)		\$ 1,128	per Room
Nursing/Rest Home		\$ 387	per Bed
Nursing/Rest Home with Laundry		\$ 771	per Bed
Office - per Shift		\$ 162	per Person
Factory - per Shift		\$ 162	per Person
Factory with Showers - per Shift		\$ 227	per Person
Store, Shopping Center, Mall		\$ 643	per 1000 Square Feet
With Food Service	ADD	\$ 193	per 1000 Square Feet
Restaurant	GREATER OF	\$ 258	per Seat
	OR	\$ 258	per 15 Square Feet of Dining Area
Restaurant - 24 Hour Service		\$ 330	per Seat
Restaurant - Single Service (Exclusive of Fast Food)		\$ 130	per Seat
School - Day - With Cafeteria, Gym, Showers		\$ 99	per Student
School - Day - With Cafeteria Only		\$ 81	per Student
School - Day - With Neither Cafeteria Nor Showers		\$ 63	per Student
School - Boarding		\$ 387	per Person
Church (Not Including Food Service, Day Care, Camps)		\$ 18	per Seat
Miscellaneous (Based on Average Daily Flow of Facilities Not Described Above.)		\$ 6	per Gallon

OTHER HB 436 CONSIDERATIONS

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

- PUBLIC COMMENT – The County 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 County 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 County's annual budget ordinance.
- USE - The new law prescribes specific uses for the funds collected through SDFs. 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 charging a fraction of the system values. The County has the flexibility to discount the total valuation of its systems by a factor that the County deems appropriate. For example, the County may the following budgeted SDFs for FY 2019 shown below since they are lower by 20% for a two-bedroom house and compute to \$1,242 for sewer users. The fees for customers larger than the two-bedroom house are also calculated by prorating the fee by the projected flow of each, as shown in Table 5. In each instance, the total fee cannot exceed the maximum fees specified in Table 4.

TABLE 5			
DURHAM COUNTY			
SYSTEM DEVELOPMENT FEES FOR VARIOUS FLOW ALLOCATIONS			
CUSTOMER TYPE		Charge	Parameter
Single Family (Minimum 2 Bedrooms)		\$1242	Each
Single Family (Each Bedroom Above 2)		\$619	per Bedroom
Multi-Family Units (Apartments, Duplexes, Condominiums) (Minimum 2 Bedrooms per Unit)		\$1242	Each
Multi-Family (Apartments, Duplexes, Condominiums) (Each Bedroom Above 2)		\$619	per Bedroom
Multi-Family (Motels, Hotels)		\$619	per Room
Multi-Family (Motels, Hotels with Cooking Facilities in Room)		\$908	per Room
Nursing/Rest Home		\$310	per Bed
Nursing/Rest Home with Laundry		\$621	per Bed
Office - per Shift		\$130	per Person
Factory - per Shift		\$130	per Person
Factory with Showers - per Shift		\$182	per Person
Store, Shopping Center, Mall		\$517	per 1000 Square Feet
With Food Service	ADD	\$155	per 1000 Square Feet
Restaurant	GREATER OF	\$209	per Seat
	OR	\$209	per 15 Square Feet of Dining Area
Restaurant - 24 Hour Service		\$266	per Seat
Restaurant - Single Service (Exclusive of Fast Food)		\$105	per Seat
School - Day - With Cafeteria, Gym, Showers		\$80	per Student
School - Day - With Cafeteria Only		\$66	per Student
School - Day - With Neither Cafeteria Nor Showers		\$52	per Student
School - Boarding		\$310	per Person
Church (Not Including Food Service, Day Care, Camps)		\$14	per Seat
Miscellaneous (Based on Average Daily Flow of Facilities Not Described Above.)		5.21	per Gallon

CONCLUSIONS

The County's past SDFs have provided a diversification of the County's sewer fund revenue stream and a revenue source that lessens future 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 valuation and abide by SB 436.

APPENDIX

1. Depreciation Report
2. Sewer Line Data
3. County Value Estimates

DEPRECIATION REPORT

Asset	BusA	Useful Life	Acct: APC	Asset description	CATEGORY	Cap. Date	Inv. #	Serial/VIN #	Acquis.val.	Accum.dep.	Book val. 2016	Annual Depreciation	Book val. 2017	Book val. 2018	10% VALUE	NET VALUE
100003	7100	0	1400171100	LAND	LAND	7/1/1985			185,226.38	-	185,226.38		\$ 185,226.38	\$ 185,226.38	\$ 18,522.64	\$ 185,226.38
110013	7100	0	1400171110	CHIN PAGE SANITARY EASEMENT	EASEMENT	6/30/2015			5,000.00	-	5,000.00		\$ 5,000.00	\$ 5,000.00	\$ 500.00	\$ 5,000.00
200031	7100	40	1400171400	TRIANGLE PLANT	WWTP	7/1/1994			846,577.24	(846,577.24)	-	21,164.43	\$ -	\$ -	\$ 84,657.72	\$ 84,657.72
200032	7100	40	1400171400	LAW BUILDING	WWTP	7/1/1985			61,250.00	(59,935.59)	1,314.41	1,531.25	\$ -	\$ -	\$ 6,125.00	\$ 6,125.00
200033	7100	40	1400171400	WASTEWATER PLANT EXPANSION	WWTP	7/1/1997			53,302,313.58	(6,374,151.98)	46,928,161.60	1,332,557.84	\$ 45,595,603.76	\$ 44,263,045.92	\$ 5,330,231.36	\$ 44,263,045.92
200034	7100	40	1400171400	ALTERNATE POWER SOURCE	WWTP	7/1/1993			75,364.48	(51,970.28)	23,394.20	1,884.11	\$ 21,510.09	\$ 19,625.98	\$ 7,536.45	\$ 19,625.98
200035	7100	40	1400171400	SLUDGE LAGOON*	WWTP	7/1/1991			251,004.20	(184,423.19)	66,581.01	6,275.11	\$ 60,305.91	\$ 54,030.80	\$ 25,100.42	\$ 54,030.80
200164	7100	40	1400171400	WASTEWATER PLANT EXPANSION IMPROVEMENTS	WWTP	7/1/2001			2,318,256.11	(194,387.93)	2,123,868.18	57,956.40	\$ 2,065,911.78	\$ 2,007,955.37	\$ 231,825.61	\$ 2,007,955.37
400191	7100	5	1400171600	GODWIN 8 DRI-PRIME PUMP ON TRAILER	MACHINERY & EQUIPMENT	7/1/2000	6010	992115127	29,200.00	(20,440.00)	8,760.00	5,840.00	\$ 2,920.00	\$ -	\$ 2,920.00	\$ 2,920.00
400192	7100	5	1400171600	JOHN DEERE 5410 UTILITY TRACTOR	MACHINERY & EQUIPMENT	7/1/2000	6011	LVSG065010829	48,206.85	(33,744.80)	14,462.05	9,641.37	\$ 4,820.68	\$ -	\$ 4,820.69	\$ 4,820.69
400193	7100	5	1400171600	GENERATOR UPGRADE - CENTRAL PK LFT ST	MACHINERY & EQUIPMENT	7/1/2000	6017	11574913	40,000.00	(28,000.00)	12,000.00	8,000.00	\$ 4,000.00	\$ -	\$ 4,000.00	\$ 4,000.00
400194	7100	5	1400171600	SAND FILTER WASHWATER & BACK WASH PUMP	MACHINERY & EQUIPMENT	7/1/2002			13,279.65	(13,279.65)	-	2,655.93	\$ -	\$ -	\$ 1,327.97	\$ 1,327.97
400195	7100	5	1400171600	STREET SWEEPER ATTACHMENT FOR TRACTOR	MACHINERY & EQUIPMENT	7/1/2003	6012	NA	5,318.82	(5,318.82)	-	1,063.76	\$ -	\$ -	\$ 531.88	\$ 531.88
400196	7100	5	1400171600	MODEL XQ100P4 GENERATOR SET	MACHINERY & EQUIPMENT	7/1/2004	6014	OLY00000LX4P00158	42,405.00	(42,405.00)	-	8,481.00	\$ -	\$ -	\$ 4,240.50	\$ 4,240.50
400259	7100	5	1400171600	PRIMARY STAND BY GENERATOR FOR PUMP STATIONS	MACHINERY & EQUIPMENT	2/1/2006	6015	L020447742	50,000.00	(50,000.00)	-	10,000.00	\$ -	\$ -	\$ 5,000.00	\$ 5,000.00
400353	7100	5	1400171600	AIR HANDLER CONDENSOR (MUY-D30NA 208V)	MACHINERY & EQUIPMENT	2/11/2009	6379	80001228	7,375.00	(7,375.00)	-	1,475.00	\$ -	\$ -	\$ 737.50	\$ 737.50
400357	7100	5	1400171600	GEARBOX SK9082	MACHINERY & EQUIPMENT	10/29/2009		NA	14,803.02	(14,803.02)	-	2,960.60	\$ -	\$ -	\$ 1,480.30	\$ 1,480.30
400365	7100	5	1400171600	STILL AUTOMATIC: COLLECTION SYSTEM: DEIONIZER	MACHINERY & EQUIPMENT	12/3/2009	6171	677091141836	11,159.38	(11,159.38)	-	2,231.88	\$ -	\$ -	\$ 1,115.94	\$ 1,115.94
400367	7100	5	1400171600	STERILE MAX W/OUT PRINTER 120V	MACHINERY & EQUIPMENT	3/2/2010	6006	1277100251776	5,873.86	(5,873.86)	-	1,174.77	\$ -	\$ -	\$ 587.39	\$ 587.39
400372	7100	5	1400171600	3000 CHEMICAL GALLON TANK	MACHINERY & EQUIPMENT	6/18/2010	6144		15,824.00	(15,824.00)	-	3,164.80	\$ -	\$ -	\$ 1,582.40	\$ 1,582.40
400388	7100	5	1400171600	TRIPOD AND WINCH ASSEMBLY	MACHINERY & EQUIPMENT	2/17/2011	6143		6,848.92	(6,848.92)	-	1,369.78	\$ -	\$ -	\$ 684.89	\$ 684.89
400390	7100	5	1400171600	WILO EMU MIXER	MACHINERY & EQUIPMENT	6/16/2011			12,904.75	(12,904.75)	-	2,580.95	\$ -	\$ -	\$ 1,290.48	\$ 1,290.48
400395	7100	5	1400171600	WILO EMU MIXER	MACHINERY & EQUIPMENT	7/29/2011			13,827.00	(13,827.00)	-	2,765.40	\$ -	\$ -	\$ 1,382.70	\$ 1,382.70
400411	7100	5	1400171600	GEAR BOX	MACHINERY & EQUIPMENT	10/5/2011			15,474.62	(15,474.62)	-	3,094.92	\$ -	\$ -	\$ 1,547.46	\$ 1,547.46
400429	7100	5	1400171600	BOGE TORSIONAL COUPLING	MACHINERY & EQUIPMENT	10/10/2011			6,626.10	(6,626.10)	-	1,325.22	\$ -	\$ -	\$ 662.61	\$ 662.61
400433	7100	5	1400171600	2005 GENIE LIFT TZ 34-20	MACHINERY & EQUIPMENT	11/8/2011	6140	T23405-322	9,000.00	(9,000.00)	-	1,800.00	\$ -	\$ -	\$ 900.00	\$ 900.00
400434	7100	5	1400171600	CAT COMPACT TRACK LOADER W/HF HYD.	MACHINERY & EQUIPMENT	2/27/2012	6141	CAT0259BHYYZ02648	54,750.00	(52,925.00)	1,825.00	10,950.00	\$ -	\$ -	\$ 5,475.00	\$ 5,475.00
400445	7100	5	1400171600	LABCONCO DISHWASHER	MACHINERY & EQUIPMENT	2/27/2012	6139		5,846.15	(5,651.28)	194.87	1,169.23	\$ -	\$ -	\$ 584.62	\$ 584.62
400451	7100	5	1400171600	BONFIGLIOLI HOLLOW SHAFT WORM GEARBOX	MACHINERY & EQUIPMENT	4/23/2012			8,768.05	(8,183.51)	584.54	1,753.61	\$ -	\$ -	\$ 876.81	\$ 876.81
400474	7100	5	1400171600	GANTRY CRANE	MACHINERY & EQUIPMENT	10/19/2012	6173	1595	9,830.06	(8,191.72)	1,638.34	1,966.01	\$ -	\$ -	\$ 983.01	\$ 983.01
400497	7100	5	1400171600	HOMA 70HP PUMP	MACHINERY & EQUIPMENT	3/25/2013			18,088.00	(13,565.99)	4,522.01	3,617.60	\$ 904.41	\$ -	\$ 1,808.80	\$ 1,808.80
400498	7100	5	1400171600	GOULDS TRASH HOG PUMP	MACHINERY & EQUIPMENT	9/10/2013			6,728.40	(4,373.46)	2,354.94	1,345.68	\$ 1,009.26	\$ -	\$ 672.84	\$ 672.84
400500	7100	5	1400171600	EURODRIVE GEAR BOX	MACHINERY & EQUIPMENT	9/5/2013			12,659.32	(8,228.56)	4,430.76	2,531.86	\$ 1,898.90	\$ -	\$ 1,265.93	\$ 1,265.93
400501	7100	5	1400171600	27HP KOHLER PRO MOWER	MACHINERY & EQUIPMENT	5/2/2013	6169		8,466.15	(6,067.41)	2,398.74	1,693.23	\$ 705.51	\$ -	\$ 846.62	\$ 846.62
400508	7100	5	1400171600	70HP HOMA PUMP	MACHINERY & EQUIPMENT	8/19/2013			18,811.00	(12,540.67)	6,270.33	3,762.20	\$ 2,508.13	\$ -	\$ 1,881.10	\$ 1,881.10
400517	7100	5	1400171600	CHICAGO PUMP MODEL CP6173L	MACHINERY & EQUIPMENT	2/18/2014			35,515.22	(20,125.29)	15,389.93	7,103.04	\$ 8,286.89	\$ 1,183.84	\$ 3,551.52	\$ 3,551.52
400525	7100	5	1400171600	SUBMERSIBLE MIXER	MACHINERY & EQUIPMENT	9/24/2013			8,000.00	(5,200.00)	2,800.00	1,600.00	\$ 1,200.00	\$ -	\$ 800.00	\$ 800.00
400526	7100	5	1400171600	EURODRIVE GEAR BOX	MACHINERY & EQUIPMENT	11/19/2013			12,907.23	(7,959.46)	4,947.77	2,581.45	\$ 2,366.32	\$ -	\$ 1,290.72	\$ 1,290.72
400575	7100	5	1400171600	HOMA 91HP PUMP	MACHINERY & EQUIPMENT	6/10/2014			24,610.00	(12,305.00)	12,305.00	4,922.00	\$ 7,383.00	\$ 2,461.00	\$ 2,461.00	\$ 2,461.00
400592	7100	5	1400171600	4B2D - 7.5HP S/L PUMP	MACHINERY & EQUIPMENT	6/30/2014			7,333.00	(3,666.50)	3,666.50	1,466.60	\$ 2,199.90	\$ 733.30	\$ 733.30	\$ 733.30
400593	7100	5	1400171600	4C3 ROTATING ASSY 30 HP 1800 RPM PUMP	MACHINERY & EQUIPMENT	6/30/2014			6,667.00	(3,333.50)	3,333.50	1,333.40	\$ 2,000.10	\$ 666.70	\$ 666.70	\$ 666.70
400594	7100	5	1400171600	4B2B ROTATING ASSY 5 HP 1800 RPM PUMP	MACHINERY & EQUIPMENT	6/30/2014			11,136.00	(5,568.00)	5,568.00	2,227.20	\$ 3,340.80	\$ 1,113.60	\$ 1,113.60	\$ 1,113.60
400611	7100	5	1400171600	CUSHMAN DIESEL ATV	MACHINERY & EQUIPMENT	2/20/2015	6381		12,434.85	(4,559.44)	7,875.41	2,486.97	\$ 5,388.44	\$ 2,901.47	\$ 1,243.49	\$ 2,901.47
400649	7100	5	1400171600	GATOR XUV620I 4X4	MACHINERY & EQUIPMENT	4/3/2009	6013	MOHX0PA059640	13,374.29	(10,030.71)	3,343.58	2,674.86	\$ 668.72	\$ -	\$ 1,337.43	\$ 1,337.43
400652	7100	5	1400171600	GRIDBEE GS-9 SUBMERSIBLE MIXER	MACHINERY & EQUIPMENT	3/25/2015			6,348.00	(2,221.79)	4,126.21	1,269.60	\$ 2,856.61	\$ 1,587.01	\$ 634.80	\$ 1,587.01
400687	7100	5	1400171600	NORD GEAR BOX #SK9082.1 N360/365TC	MACHINERY & EQUIPMENT	4/8/2015			19,612.84	(6,537.61)	13,075.23	3,922.57	\$ 9,152.66	\$ 5,230.09	\$ 1,961.28	\$ 5,230.09
400688	7100	5	1400171600	LANDIA 3.6 HP ANAEROBIC MIXER	MACHINERY & EQUIPMENT	4/28/2015			17,690.00	(5,896.67)	11,793.33	3,538.00	\$ 8,255.33	\$ 4,717.33	\$ 1,769.00	\$ 4,717.33
400696	7100	5	1400171600	S&L 4C3 ROTATING ASSY W/CW IMPELLER, 30HP	MACHINERY & EQUIPMENT	4/8/2015			11,614.54	(3,871.52)	7,743.02	2,322.91	\$ 5,420.11	\$ 3,097.20	\$ 1,161.45	\$ 3,097.20
400702	7100	5	1400171600	ROTATING ASSY. 6C3 30HP W/CW IMPELLER	MACHINERY & EQUIPMENT	6/30/2015			11,094.00	(3,328.20)	7,765.80	2,218.80	\$ 5,547.00	\$ 3,328.20	\$ 1,109.40	\$ 3,328.20
400703	7100	5	1400171600	GEARBOX MODEL SK9082.1VZ-360TC W/SEALS	MACHINERY & EQUIPMENT	6/12/2015			19,618.17	(5,885.45)	13,732.72	3,923.63	\$ 9,809.09	\$ 5,885.45	\$ 1,961.82	\$ 5,885.45
400705	7100	5	1400171600	750 GL DBL. WALL SAFE-TANK SYSTEM	MACHINERY & EQUIPMENT	6/24/2015			11,057.03	(3,317.11)	7,739.92	2,211.41	\$ 5,528.51	\$ 3,317.11	\$ 1,105.70	\$ 3,317.11
400828	7100	5	1400171600	NORD GEARBOX	MACHINERY & EQUIPMENT	4/18/2016			19,549.88	(2,606.65)	16,943.23	3,909.98	\$ 13,033.25	\$ 9,123.28	\$ 1,954.99	\$ 9,123.28
400833	7100	5	1400171600	MAXI ROTOR END BEARING	MACHINERY & EQUIPMENT	4/25/2016			6,827.42	(910.32)	5,917.10	1,365.48	\$ 4,551.62	\$ 3,186.13	\$ 682.74	\$ 3,186.13
400836	7100	5	1400171600	NEPTUNE TRIMBLE NOMAD HANDHELD METER	MACHINERY & EQUIPMENT	6/20/2016			8,148.00	(814.79)	7,333.21	1,629.60	\$ 5,703.61	\$ 4,074.01	\$ 814.80	\$ 4,074.01
400845	7100	5	1400171600	6712FR REFRIGERATED SAMPLER	MACHINERY & EQUIPMENT	8/5/2016			7,228.00	(481.87)	6,746.13	1,445.60	\$ 5,300.53	\$ 3,854.93	\$ 722.80	\$ 3,854.93
400855	7100	5	1400171600	AUMA VALVE ACTUALTOR	MACHINERY & EQUIPMENT	11/28/2016			5,890.00	(98.17)	5,791.83	1,178.00	\$ 4,613.83	\$ 3,435.83	\$ 589.00	\$ 3,435.83

700022	7100	50	1400171900 BRUNSON DRIVE (FUND 60)	LINES	7/1/1991	3,931.00	(1,956.58)	1,974.42	78.62	\$	1,895.80	\$	1,817.18	\$	393.10	\$	1,817.18
700023	7100	50	1400171900 BAILEY STREET (FUND 60)	LINES	7/1/1991	31,365.93	(15,824.63)	15,541.30	627.32	\$	14,913.98	\$	14,286.66	\$	3,136.59	\$	14,286.66
700024	7100	50	1400171900 REICHHOLD CHEMICAL (FUND 60) (1)	LINES	7/1/1991	316,227.20	(153,768.26)	162,458.94	6,324.54	\$	156,134.40	\$	149,809.85	\$	31,622.72	\$	149,809.85
700025	7100	50	1400171900 RESEARCH TRIANGLE FOUNDATION	LINES	7/1/1993	57,387.95	(25,672.30)	31,715.65	1,147.76	\$	30,567.89	\$	29,420.13	\$	5,738.80	\$	29,420.13
700026	7100	50	1400171900 WEXFORD SUBDIVISION	LINES	7/1/1993	192,916.34	(85,627.67)	107,288.67	3,858.33	\$	103,430.34	\$	99,572.02	\$	19,291.63	\$	99,572.02
700027	7100	50	1400171900 DATA GENERAL OUTFALL	LINES	7/1/1993	72,195.34	(32,051.18)	40,144.16	1,443.91	\$	38,700.25	\$	37,256.35	\$	7,219.53	\$	37,256.35
700028	7100	50	1400171900 ADJUSTMENT TO PROJECT COST:*	LINES	7/1/1991	30,323.43	(15,414.45)	14,908.98	606.47	\$	14,302.51	\$	13,696.04	\$	3,032.34	\$	13,696.04
700029	7100	50	1400171900 TWO BOTTLE CREEK	LINES	7/1/1964	210,298.00	(210,298.00)	-	4,205.96	\$	-	\$	-	\$	21,029.80	\$	21,029.80
700030	7100	50	1400171900 CHEMSTRAND	LINES	7/1/1964	56,737.00	(56,737.00)	-	1,134.74	\$	-	\$	-	\$	5,673.70	\$	5,673.70
700031	7100	50	1400171900 BEAUNIT SEWER	LINES	7/1/1969	26,418.00	(24,955.58)	1,462.42	528.36	\$	934.06	\$	405.70	\$	2,641.80	\$	2,641.80
700032	7100	50	1400171900 BECTON-DICKINSON	LINES	7/1/1970	56,500.00	(52,180.89)	4,319.11	1,130.00	\$	3,189.11	\$	2,059.11	\$	5,650.00	\$	5,650.00
700033	7100	50	1400171900 AIRCO & NORTHRUP	LINES	7/1/1976	94,919.47	(75,860.26)	19,059.21	1,898.39	\$	17,160.82	\$	15,262.43	\$	9,491.95	\$	15,262.43
700034	7100	50	1400171900 BUHAM VAN LINES	LINES	7/1/1979	6,797.00	(5,015.14)	1,781.86	135.94	\$	1,645.92	\$	1,509.98	\$	679.70	\$	1,509.98
700035	7100	50	1400171900 PARK OFFICE GROUP	LINES	7/1/1980	25,216.00	(18,091.61)	7,124.39	504.32	\$	6,620.07	\$	6,115.75	\$	2,521.60	\$	6,115.75
700036	7100	50	1400171900 RIDGES AT PARKWOOD	LINES	7/1/1982	73,399.00	(49,675.72)	23,723.28	1,467.98	\$	22,255.30	\$	20,787.32	\$	7,339.90	\$	20,787.32
700037	7100	50	1400171900 BASF/WYANDOTTE	LINES	7/1/1983	10,716.00	(7,034.92)	3,681.08	214.32	\$	3,466.76	\$	3,252.44	\$	1,071.60	\$	3,252.44
700038	7100	50	1400171900 CIBA-GEIGY	LINES	7/1/1984	355,034.20	(225,875.21)	129,158.99	7,100.68	\$	122,058.31	\$	114,957.62	\$	35,503.42	\$	114,957.62
700039	7100	50	1400171900 CREKSTONE	LINES	7/1/1984	56,976.00	(36,248.51)	20,727.49	1,139.52	\$	19,587.97	\$	18,448.45	\$	5,697.60	\$	18,448.45
700040	7100	50	1400171900 ASHLEY FOREST	LINES	7/1/1984	98,337.00	(62,562.69)	35,774.31	1,966.74	\$	33,807.57	\$	31,840.83	\$	9,833.70	\$	31,840.83
700041	7100	50	1400171900 TEER DEVELOPMENT	LINES	7/1/1984	50,530.00	(32,147.55)	18,382.45	1,010.60	\$	17,371.85	\$	16,361.25	\$	5,053.00	\$	16,361.25
700042	7100	50	1400171900 CENTRAL PARK	LINES	7/1/1984	82,850.00	(52,709.77)	30,140.23	1,657.00	\$	28,483.23	\$	26,826.23	\$	8,285.00	\$	26,826.23
700043	7100	50	1400171900 LAKE BRANCH OUTFALL	LINES	7/1/1984	85,987.00	(54,705.51)	31,281.49	1,719.74	\$	29,561.75	\$	27,842.01	\$	8,598.70	\$	27,842.01
700044	7100	50	1400171900 PAGE POINT CENTRE	LINES	7/1/1985	50,203.00	(30,922.27)	19,280.73	1,004.06	\$	18,276.67	\$	17,272.61	\$	5,020.30	\$	17,272.61
700045	7100	50	1400171900 FAIRFIELD I	LINES	7/1/1985	552,000.00	(340,001.33)	211,998.67	11,040.00	\$	200,958.67	\$	189,918.67	\$	55,200.00	\$	189,918.67
700046	7100	50	1400171900 ALEXANDER DR #4401	LINES	7/1/1985	18,970.00	(11,684.50)	7,285.50	379.40	\$	6,906.10	\$	6,526.70	\$	1,897.00	\$	6,526.70
700047	7100	50	1400171900 WILSON TRUCKING	LINES	7/1/1985	3,615.00	(2,226.64)	1,388.36	72.30	\$	1,316.06	\$	1,243.76	\$	361.50	\$	1,243.76
700048	7100	50	1400171900 HOLIDAY INN	LINES	7/1/1986	14,418.00	(8,588.77)	5,829.23	288.36	\$	5,540.87	\$	5,252.51	\$	1,441.80	\$	5,252.51
700049	7100	50	1400171900 BOJANGLES'	LINES	7/1/1986	3,964.00	(2,361.38)	1,602.62	79.28	\$	1,523.34	\$	1,444.06	\$	396.40	\$	1,444.06
700050	7100	50	1400171900 TRIANGLE BUSINESS CENTER	LINES	7/1/1986	80,586.00	(48,004.98)	32,581.02	1,611.72	\$	30,969.30	\$	29,357.58	\$	8,058.60	\$	29,357.58
700051	7100	50	1400171900 CHEROKEE PARK I	LINES	7/1/1986	19,254.00	(11,469.57)	7,784.43	385.08	\$	7,399.35	\$	7,014.27	\$	1,925.40	\$	7,014.27
700052	7100	50	1400171900 AMERICAN LEGION	LINES	7/1/1986	40,293.00	(24,002.51)	16,290.49	805.86	\$	15,484.63	\$	14,678.77	\$	4,029.30	\$	14,678.77
700053	7100	50	1400171900 SUPER COMPUTER CENTER	LINES	7/1/1987	19,710.00	(11,342.50)	8,367.50	394.20	\$	7,973.30	\$	7,579.10	\$	1,971.00	\$	7,579.10
700054	7100	50	1400171900 COMPRI HOTEL	LINES	7/1/1987	32,670.00	(18,800.58)	13,869.42	653.40	\$	13,216.02	\$	12,562.62	\$	3,267.00	\$	12,562.62
700055	7100	50	1400171900 SO. DURHAM INDUSTRIAL PARK	LINES	7/1/1988	575,723.00	(319,671.62)	256,051.38	11,514.46	\$	244,536.92	\$	233,022.46	\$	57,572.30	\$	233,022.46
700056	7100	50	1400171900 BURROUGHS-WELCOME	LINES	7/1/1989	69,300.00	(37,078.89)	32,221.11	1,386.00	\$	30,835.11	\$	29,449.11	\$	6,930.00	\$	29,449.11
700057	7100	50	1400171900 FAIRFIELD II	LINES	7/1/1992	250,478.00	(118,852.90)	131,625.10	5,009.56	\$	126,615.54	\$	121,605.98	\$	25,047.80	\$	121,605.98
700058	7100	50	1400171900 OASIS	LINES	7/1/1992	64,733.00	(30,716.09)	34,016.91	1,294.66	\$	32,722.25	\$	31,427.59	\$	6,473.30	\$	31,427.59
700059	7100	50	1400171900 TEXACO	LINES	7/1/1993	20,475.00	(9,159.40)	11,315.60	409.50	\$	10,906.10	\$	10,496.60	\$	2,047.50	\$	10,496.60
700060	7100	50	1400171900 FAIRFIELD III	LINES	7/1/1993	107,993.00	(48,310.32)	59,682.68	2,159.86	\$	57,522.82	\$	55,362.96	\$	10,799.30	\$	55,362.96
700061	7100	50	1400171900 CENTRAL PARK NORTH	LINES	7/1/1996	17,121.00	(6,867.56)	10,253.44	342.42	\$	9,911.02	\$	9,568.60	\$	1,712.10	\$	9,568.60
700062	7100	50	1400171900 CHRISTINE PARK	LINES	7/1/1996	26,676.00	(10,700.26)	15,975.74	533.52	\$	15,442.22	\$	14,908.70	\$	2,667.60	\$	14,908.70
700063	7100	50	1400171900 COMFORT SUITES	LINES	7/1/1996	20,085.00	(8,056.47)	12,028.53	401.70	\$	11,626.83	\$	11,225.13	\$	2,008.50	\$	11,225.13
700064	7100	50	1400171900 FAIRFIELD G & H	LINES	7/1/1996	116,376.00	(46,680.48)	69,695.52	2,327.52	\$	67,368.00	\$	65,040.48	\$	11,637.60	\$	65,040.48
700065	7100	50	1400171900 SOUTH MIAMI FIRE STATION	LINES	7/1/1996	27,768.00	(11,138.21)	16,629.79	555.36	\$	16,074.43	\$	15,519.07	\$	2,776.80	\$	15,519.07
700066	7100	50	1400171900 YORKSHIRE -	LINES	7/1/1996	10,452.00	(4,192.49)	6,259.51	209.04	\$	6,050.47	\$	5,841.43	\$	1,045.20	\$	5,841.43
700067	7100	50	1400171900 YORKSHIRE - PHASE 2	LINES	7/1/1996	5,616.00	(2,252.68)	3,363.32	112.32	\$	3,251.00	\$	3,138.68	\$	561.60	\$	3,138.68
700068	7100	50	1400171900 ISA	LINES	7/1/1996	43,173.00	(17,317.46)	25,855.54	863.46	\$	24,992.08	\$	24,128.62	\$	4,317.30	\$	24,128.62
700069	7100	50	1400171900 IST/BFT	LINES	7/1/1996	79,131.00	(31,740.86)	47,390.14	1,582.62	\$	45,807.52	\$	44,224.90	\$	7,913.10	\$	44,224.90
700070	7100	50	1400171900 KEYSTONE - TECHNOLOGY 1	LINES	7/1/1996	32,760.00	(13,140.62)	19,619.38	655.20	\$	18,964.18	\$	18,308.98	\$	3,276.00	\$	18,308.98
700071	7100	50	1400171900 LINCOLN PARK	LINES	7/1/1996	35,880.00	(14,392.10)	21,487.90	717.60	\$	20,052.70	\$	20,052.70	\$	3,588.00	\$	20,052.70
700072	7100	50	1400171900 NISS	LINES	7/1/1996	19,890.00	(7,978.22)	11,911.78	397.80	\$	11,513.98	\$	11,116.18	\$	1,989.00	\$	11,116.18
700073	7100	50	1400171900 EISAI TECHNOLOGY	LINES	7/1/1996	123,255.00	(49,439.76)	73,815.24	2,465.10	\$	71,350.14	\$	68,885.04	\$	12,325.50	\$	68,885.04
700074	7100	50	1400171900 ELI LILLY/SPHINX	LINES	7/1/1996	74,418.00	(29,850.38)	44,567.62	1,488.36	\$	43,079.26	\$	41,590.90	\$	7,441.80	\$	41,590.90
700075	7100	50	1400171900 AT&T	LINES	7/1/1998	34,980.00	(12,627.37)	22,352.63	699.60	\$	21,653.03	\$	20,953.43	\$	3,498.00	\$	20,953.43
700076	7100	50	1400171900 BEDFORD WAREHOUSE	LINES	7/1/1998	48,760.00	(17,601.80)	31,158.20	975.20	\$	30,183.00	\$	29,207.80	\$	4,876.00	\$	29,207.80
700077	7100	50	1400171900 CHIN PAGE WAREHOUSE	LINES	7/1/1998	92,644.00	(31,742.26)	60,901.74	1,852.88	\$	59,048.86	\$	57,195.98	\$	9,264.40	\$	57,195.98
700078	7100	50	1400171900 COMFORT INN	LINES	7/1/1998	27,295.00	(9,853.20)	17,441.80	545.90	\$	16,895.90	\$	16,350.00	\$	2,729.50	\$	16,350.00
700079	7100	50	1400171900 EDINBOROUGH AT THE PARK	LINES	7/1/1998	6,201.00	(2,238.47)	3,962.53	124.02	\$	3,838.51	\$	3,714.49	\$	620.10	\$	3,714.49
700080	7100	50	1400171900 FOXRIDGE APARTMENTS	LINES	7/1/1998	36,888.00	(12,638.79)	24,249.21	737.76	\$	23,511.45	\$	22,773.69	\$	3,688.80	\$	22,773.69
700081	7100	50	1400171900 KEYSTONE - BUILDING 100	LINES	7/1/1998	37,789.00	(13,641.41)	24,147.59	755.78	\$	23,391.81	\$	22,636.03	\$	3,778.90	\$	22,636.03
700082	7100	50	1400171900 KEYSTONE - BUILDING 3&4	LINES	7/1/1998	31,058.00	(11,211.55)	19,846.45	621.16	\$	19,225.29	\$	18,604.13	\$	3,105.80	\$	18,604.13
700083	7100	50	1400171900 KEYSTONE - BUILDING 5&6	LINES	7/1/1998	13,462.00	(4,859.62)	8,602.38	269.24	\$	8,333.14	\$	8,063.90	\$	1,346.20	\$	8,063.90
700084	7100																

700101	7100	50	1400171900	MAGNOLIA PLACE SUBDIVISION	LINES	7/1/2000			430,095.00	(138,004.78)	292,090.22	8,601.90	\$	283,488.32	\$	274,886.42	\$	43,009.50	\$	274,886.42
700102	7100	50	1400171900	PAGEMOOR SUBDIVISION	LINES	7/1/2000			134,037.00	(43,008.54)	91,028.46	2,680.74	\$	88,347.72	\$	85,666.98	\$	13,403.70	\$	85,666.98
700103	7100	50	1400171900	SCOTT KING COMMUNITY CENTER	LINES	7/1/2000			9,328.00	(2,993.05)	6,334.95	186.56	\$	6,148.39	\$	5,961.83	\$	932.80	\$	5,961.83
700104	7100	50	1400171900	SILICON FLEX - PHASE I	LINES	7/1/2000			9,010.00	(2,891.02)	6,118.98	180.20	\$	5,938.78	\$	5,758.58	\$	901.00	\$	5,758.58
700105	7100	50	1400171900	SPRINGHILL SUITES AT IMPERIAL CENTER	LINES	7/1/2000			35,510.00	(11,394.09)	24,115.91	710.20	\$	23,405.71	\$	22,695.51	\$	3,551.00	\$	22,695.51
700106	7100	50	1400171900	INDIGO APARTMENTS	LINES	7/1/2001			109,657.00	(32,986.51)	76,670.49	2,193.14	\$	74,477.35	\$	72,284.21	\$	10,965.70	\$	72,284.21
700107	7100	50	1400171900	KEYSTONE EAST - BUILDING 15	LINES	7/1/2001			102,131.00	(30,722.53)	71,408.47	2,042.62	\$	69,365.85	\$	67,323.23	\$	10,213.10	\$	67,323.23
700108	7100	50	1400171900	ALEXANDER CROSSING 1	LINES	7/1/2003			82,733.00	(21,569.51)	61,163.49	1,654.66	\$	59,508.83	\$	57,854.17	\$	8,273.30	\$	57,854.17
700109	7100	50	1400171900	ALEXANDER CROSSING 2,3,4	LINES	7/1/2003			137,800.00	(35,926.11)	101,873.89	2,756.00	\$	99,117.89	\$	96,361.89	\$	13,780.00	\$	96,361.89
700110	7100	50	1400171900	ARRINGDON	LINES	7/1/2003			135,660.00	(35,368.14)	100,291.86	2,713.20	\$	97,578.66	\$	94,865.46	\$	13,566.00	\$	94,865.46
700111	7100	50	1400171900	BRADBURY GLEN	LINES	7/1/2003			160,378.00	(41,812.41)	118,565.59	3,207.56	\$	115,358.03	\$	112,150.47	\$	16,037.80	\$	112,150.47
700112	7100	50	1400171900	BRADBURY TRACE	LINES	7/1/2003			317,364.00	(82,740.57)	234,623.43	6,347.28	\$	228,276.15	\$	221,928.87	\$	31,736.40	\$	221,928.87
700113	7100	50	1400171900	ENTHALPY	LINES	7/1/2003			50,297.00	(13,113.04)	37,183.96	1,005.94	\$	36,178.02	\$	35,172.08	\$	5,029.70	\$	35,172.08
700114	7100	50	1400171900	FAIRFIELD - 4A	LINES	7/1/2003			154,442.00	(40,264.87)	114,177.13	3,088.84	\$	111,088.29	\$	107,999.45	\$	15,444.20	\$	107,999.45
700115	7100	50	1400171900	FAIRFIELD - 4B	LINES	7/1/2003			75,260.00	(19,621.18)	55,638.82	1,505.20	\$	54,133.62	\$	52,628.42	\$	7,526.00	\$	52,628.42
700116	7100	50	1400171900	FEATHERSTONE	LINES	7/1/2003			29,150.00	(7,599.72)	21,550.28	583.00	\$	20,967.28	\$	20,384.28	\$	2,915.00	\$	20,384.28
700117	7100	50	1400171900	IRWIN PROPERTY	LINES	7/1/2003			4,346.00	(1,133.07)	3,212.93	86.92	\$	3,126.01	\$	3,039.09	\$	434.60	\$	3,039.09
700118	7100	50	1400171900	OAKHURST	LINES	7/1/2003			196,736.00	(51,291.44)	145,444.56	3,934.72	\$	141,509.84	\$	137,575.12	\$	19,673.60	\$	137,575.12
700119	7100	50	1400171900	PAGEHURST - 4A	LINES	7/1/2003			59,678.00	(15,558.73)	44,119.27	1,193.56	\$	42,925.71	\$	41,732.15	\$	5,967.80	\$	41,732.15
700120	7100	50	1400171900	PAGEHURST - 4B	LINES	7/1/2003			92,114.00	(24,015.20)	68,098.80	1,842.28	\$	66,256.52	\$	64,414.24	\$	9,211.40	\$	64,414.24
700121	7100	50	1400171900	PARKGATE OFFICE	LINES	7/1/2003			39,644.00	(10,335.67)	29,308.33	792.88	\$	28,515.45	\$	27,722.57	\$	3,964.40	\$	27,722.57
700122	7100	50	1400171900	RESEARCH TRIANGLE ACADEMY	LINES	7/1/2003			157,940.00	(41,176.80)	116,763.20	3,158.80	\$	113,604.40	\$	110,445.60	\$	15,794.00	\$	110,445.60
700123	7100	50	1400171900	TAYLOR ESTATES	LINES	7/1/2003			12,561.00	(3,274.84)	9,286.16	251.22	\$	9,034.94	\$	8,783.72	\$	1,256.10	\$	8,783.72
700124	7100	50	1400171900	WOOD CHAPEL	LINES	7/1/2003			118,826.00	(30,979.36)	87,846.64	2,376.52	\$	85,470.12	\$	83,093.60	\$	11,882.60	\$	83,093.60
700125	7100	50	1400171900	G.E. (CHIN PAGE)	LINES	7/1/1977			65,000.00	(65,000.00)	-	1,300.00	\$	-	\$	-	\$	6,500.00	\$	6,500.00
700126	7100	50	1400171900	LAKE PARK	LINES	7/1/1978			24,544.24	(24,544.24)	-	490.88	\$	-	\$	-	\$	2,454.42	\$	2,454.42
700127	7100	50	1400171900	UNC-TV	LINES	7/1/1978			43,650.00	(43,650.00)	-	873.00	\$	-	\$	-	\$	4,365.00	\$	4,365.00
700128	7100	50	1400171900	SLATER ROAD	LINES	7/1/1979			71,299.63	(69,517.17)	1,782.46	1,425.99	\$	356.47	\$	-	\$	7,129.96	\$	7,129.96
700129	7100	50	1400171900	PAGE POINT	LINES	7/1/1985			71,104.24	(71,104.24)	-	1,422.08	\$	-	\$	-	\$	7,110.42	\$	7,110.42
700130	7100	50	1400171900	CENTRAL PARK	LINES	7/1/1985			38,204.24	(38,204.24)	-	764.08	\$	-	\$	-	\$	3,820.42	\$	3,820.42
700131	7100	50	1400171900	FAIRFIELD I	LINES	7/1/1986			77,417.75	(74,721.03)	2,696.72	1,548.36	\$	1,148.37	\$	-	\$	7,741.78	\$	7,741.78
700132	7100	50	1400171900	HERNDON	LINES	7/1/1987			97,899.63	(97,899.63)	-	1,957.99	\$	-	\$	-	\$	9,789.96	\$	9,789.96
700133	7100	50	1400171900	PAGE ROAD (IMPERIAL CTR)	LINES	7/1/1987			71,104.23	(71,104.23)	-	1,422.08	\$	-	\$	-	\$	7,110.42	\$	7,110.42
700134	7100	50	1400171900	BERRINGTON PLACE - GEN/SLATER RD	LINES	7/1/1999			50,000.00	(33,338.03)	16,661.97	1,000.00	\$	15,661.97	\$	14,661.97	\$	5,000.00	\$	14,661.97
700135	7100	50	1400171900	BRISTOL PLACE - GEN/PAGE RD	LINES	7/1/1999			50,000.00	(33,338.03)	16,661.97	1,000.00	\$	15,661.97	\$	14,661.97	\$	5,000.00	\$	14,661.97
700136	7100	50	1400171900	KEYSTONE - BUILDING VIII	LINES	7/1/1999			40,000.00	(26,670.44)	13,329.56	800.00	\$	12,529.56	\$	11,729.56	\$	4,000.00	\$	11,729.56
700137	7100	50	1400171900	LAKEHURSTE POINT - GEN/HERNDON RD	LINES	7/1/1999			50,000.00	(33,338.03)	16,661.97	1,000.00	\$	15,661.97	\$	14,661.97	\$	5,000.00	\$	14,661.97
700138	7100	50	1400171900	WEXFORD LOW PRESSURE SYSTEM	LINES	7/1/1999			400,000.00	(266,704.56)	133,295.44	8,000.00	\$	125,295.44	\$	117,295.44	\$	40,000.00	\$	117,295.44
700139	7100	50	1400171900	Donated Sewer Line - TMC Outfall	LINES	6/22/2006			159,600.00	(33,516.00)	126,084.00	3,192.00	\$	122,892.00	\$	119,700.00	\$	15,960.00	\$	119,700.00
700141	7100	50	1400171900	United Therapeutics Sewer Line	LINES	6/30/2008			35,055.00	(5,959.36)	29,095.64	701.10	\$	28,394.54	\$	27,693.44	\$	3,505.50	\$	27,693.44
700142	7100	50	1400171900	FAIRFIELD 4C	LINES	7/1/2008			71,100.00	(11,968.50)	59,131.50	1,422.00	\$	57,709.50	\$	56,287.50	\$	7,110.00	\$	56,287.50
700143	7100	50	1400171900	OFFICE DEPOT	LINES	7/1/2008			14,600.00	(2,457.67)	12,142.33	292.00	\$	11,850.33	\$	11,558.33	\$	1,460.00	\$	11,558.33
700144	7100	50	1400171900	HOCK DEVELOPMENT	LINES	7/1/2008			5,000.00	(841.67)	4,158.33	100.00	\$	4,058.33	\$	3,958.33	\$	500.00	\$	3,958.33
700145	7100	50	1400171900	IMPERIAL TOWER	LINES	7/1/2008			4,600.00	(774.33)	3,825.67	92.00	\$	3,733.67	\$	3,641.67	\$	460.00	\$	3,641.67
700146	7100	50	1400171900	KEYSTONE	LINES	7/1/2008			50,000.00	(8,416.67)	41,583.33	1,000.00	\$	40,583.33	\$	39,583.33	\$	5,000.00	\$	39,583.33
700148	7100	50	1400171900	INTELLICOM	LINES	7/1/2009			12,685.00	(1,881.61)	10,803.39	253.70	\$	10,549.69	\$	10,295.99	\$	1,268.50	\$	10,295.99
700151	7100	50	1400171900	PAGE ROAD BUSINESS PARK	LINES	7/1/2010			130,000.00	(16,683.33)	113,316.67	2,600.00	\$	110,716.67	\$	108,116.67	\$	13,000.00	\$	108,116.67
700152	7100	50	1400171900	NYLO HOTEL	LINES	7/1/2010			17,800.00	(2,284.33)	15,515.67	356.00	\$	15,159.67	\$	14,803.67	\$	1,780.00	\$	14,803.67
700153	7100	50	1400171900	SHILOH CROSSING	LINES	7/1/2010			26,950.00	(3,458.58)	23,491.42	539.00	\$	22,952.42	\$	22,413.42	\$	2,695.00	\$	22,413.42
700154	7100	50	1400171900	BRIER VILLAGE	LINES	7/1/2010			238,250.00	(30,575.42)	207,674.58	4,765.00	\$	202,909.58	\$	198,144.58	\$	23,825.00	\$	198,144.58
700155	7100	50	1400171900	PRESCHOOL ENTERPRISES	LINES	2/6/2012			4,000.00	(386.66)	3,613.34	80.00	\$	3,533.34	\$	3,453.34	\$	400.00	\$	3,453.34
700156	7100	50	1400171900	UNITED THERAPEUTICS	LINES	2/6/2012			4,000.00	(386.66)	3,613.34	80.00	\$	3,533.34	\$	3,453.34	\$	400.00	\$	3,453.34
700158	7100	50	1400171900	APEX SCHOOL OF THEOLOGY	LINES	8/13/2012			22,850.00	(1,980.34)	20,869.66	457.00	\$	20,412.66	\$	19,955.66	\$	2,285.00	\$	19,955.66
700159	7100	50	1400171900	BRIER VILLAGE	LINES	8/13/2012			275,250.00	(23,855.00)	251,395.00	5,505.00	\$	245,890.00	\$	240,385.00	\$	27,525.00	\$	240,385.00
700160	7100	50	1400171900	WOODFIELD CREEKSTONE	LINES	8/27/2012			23,500.00	(2,036.66)	21,463.34	470.00	\$	20,993.34	\$	20,523.34	\$	2,350.00	\$	20,523.34
700161	7100	50	1400171900	WOODFIELD LIFT STATION	LIFT STATION	8/27/2012			150,000.00	(13,000.00)	137,000.00	3,000.00	\$	134,000.00	\$	131,000.00	\$	15,000.00	\$	131,000.00
700163	7100	50	1400171900	LOUIS STEPHENS PUMP STATION	LIFT STATION	6/30/2015			600,000.00	(18,000.00)	582,000.00	12,000.00	\$	570,000.00	\$	558,000.00	\$	60,000.00	\$	558,000.00
700164	7100	50	1400171900	NANCY C MALLET TRUST	LINES & LIFT STATIONS	12/14/2015			9,625.00	(192.50)	9,432.50	192.50	\$	9,240.00	\$	9,047.50	\$	962.50	\$	9,047.50
700165	7100	50	1400171900	STONE CENTER OF CAROLINA	LINES & LIFT STATIONS	12/14/2015			4,620.00	(92.40)	4,527.60	92								

SEWER LINE DATA

**DURHAM COUNTY SEWER SYSTEM
VALUE OF SEWER GRAVITY AND FORCE MAINS**

INSTALL YEAR	DIAMETER	LENGTH	0.75	1	1.25	1.5	2	2.5	3	4	6	8	10	12	15	16	18	20	21	24	27	30	36	42	48	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	\$96.00	\$110.00	\$115.00	\$135.00	\$150.00	\$160.00	\$195.00	\$210.00	\$235.00	\$265.00	\$353.00	\$476.50	\$525.00	\$600.00					life	life	life	
1983	8	100.671212	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$9,664.44	50	34	32%	16	20	\$3,092.62
1971	8	366.08354	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$35,144.02	50	46	10%	5	10	\$3,514.40
1986	10	297.809359	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$110	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$110.00	\$32,759.03	50	31	38%	19	20	\$12,448.43
1986	8	118.353074	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$11,361.90	50	31	38%	19	20	\$4,317.52
1983	8	146.890691	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$14,101.51	50	34	32%	16	20	\$4,512.48
1983	8	135.367413	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$12,995.27	50	34	32%	16	20	\$4,158.49
1986	10	444.036578	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$110	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$110.00	\$48,844.02	50	31	38%	19	20	\$18,560.73
1986	10	533.092582	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$110	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$110.00	\$58,640.18	50	31	38%	19	20	\$22,283.27
1986	12	224.381133	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115.00	\$25,803.83	50	31	38%	19	20	\$9,805.46
1985	8	399.132592	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$38,316.73	50	32	36%	18	20	\$13,794.02
1971	16	197.078149	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$150	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$150.00	\$29,561.72	50	46	10%	5	10	\$2,956.17
1971	30	22.493348	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$353	\$0	\$0	\$0	\$353.00	\$7,940.15	50	46	10%	5	10	\$794.02
1986	10	196.250881	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$110	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$110.00	\$21,587.60	50	31	38%	19	20	\$8,203.29
1983	8	204.964116	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$19,676.56	50	34	32%	16	20	\$6,296.50
1983	8	146.264673	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$14,041.41	50	34	32%	16	20	\$4,493.25
1984	12	269.30686	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115.00	\$30,970.29	50	33	34%	17	20	\$10,529.90
1984	8	245.323118	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$23,551.02	50	33	34%	17	20	\$8,007.35
1972	15	555.416936	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$135	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$135.00	\$74,981.29	50	45	10%	5	10	\$7,498.13
1971	30	57.780769	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$353	\$0	\$0	\$0	\$353.00	\$20,396.61	50	46	10%	5	10	\$2,039.66
1971	30	164.953563	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$353	\$0	\$0	\$353.00	\$58,228.61	50	46	10%	5	10	\$5,822.86
1971	30	171.562153	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$353	\$0	\$0	\$353.00	\$60,561.44	50	46	10%	5	10	\$6,056.14
1971	30	403.108909	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$353	\$0	\$0	\$353.00	\$142,297.44	50	46	10%	5	10	\$14,229.74
1988	12	181.368141	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115.00	\$20,857.34	50	29	42%	21	20	\$8,760.08
1988	12	156.763976	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115.00	\$18,027.86	50	29	42%	21	20	\$7,571.70
1988	12	382.425996	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115.00	\$43,978.99	50	29	42%	21	20	\$18,471.18
1983	8	19.604749	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$1,882.06	50	34	32%	16	20	\$602.26
1983	8	184.755949	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$17,736.57	50	34	32%	16	20	\$5,675.70
1986	15	239.065505	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$135	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$135.00	\$32,273.84	50	31	38%	19	20	\$12,264.06
1986	18	300.067767	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$160	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$160.00	\$48,010.84	50	31	38%	19	20	\$18,244.12
1971	10	123.719848	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$110	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$110.00	\$13,609.18	50	46	10%	5	10	\$1,360.92
1996	8	150.459501	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$14,444.11	50	21	58%	29	30	\$8,377.59
2005	18	159.780565	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$160	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$160.00	\$25,564.89	50	12	76%	38	40	\$19,429.32
2000	8	88.064838	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$8,454.22	50	17	66%	33	30	\$5,579.79
1997	8	223.870616	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$21,491.58	50	20	60%	30	30	\$12,894.95
1986	8	83.863886	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$8,050.93	50	31	38%	19	20	\$3,059.35
1986	8	85.66597	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$8,223.93	50	31	38%	19	20	\$3,125.09
1986	8	148.917486	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$14,296.08	50	31	38%	19	20	\$5,432.51
1986	8	218.016265	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$20,929.56	50	31	38%	19	20	\$7,953.23
1986	8	131.596511	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$12,633.27	50	31	38%	19	20	\$4,800.64
1997	8	312.600975	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$30,009.69	50	20	60%	30	30	\$18,005.82
1997	8	306.146098	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$29,390.03	50	20	60%	30	30	\$17,634.02
1984	15	208.920803	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$135	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$135.00	\$28,204.31	50	33	34%	17	20	\$9,589.46
1997	8	251.601431	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$24,153.74	50	20	60%	30	30	\$14,492.24
1997	8	253.044009	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$24,292.22	50	20	60%	30	30	\$14,575.33
1997	8	408.119074	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$39,179.43	50	20	60%	30	30	\$23,507.66
1997	8	147.538156	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$14,163.66	50	20	60%	30	30	\$8,498.20
1971	8	72.562431	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$6,965.99	50	46	10%	5	10	\$696.60
1984	12	317.440113	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115	\$0	\$0	\$0	\$0															

**DURHAM COUNTY SEWER SYSTEM
VALUE OF SEWER GRAVITY AND FORCE MAINS**

INSTALL YEAR	DIAMETER	LENGTH	0.75	1	1.25	1.5	2	2.5	3	4	6	8	10	12	15	16	18	20	21	24	27	30	36	42	48	Rounded			Current Value				
			\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$96.00	\$110.00	\$115.00	\$135.00	\$150.00	\$160.00	\$195.00	\$210.00	\$235.00	\$265.00	\$353.00	\$476.50	\$525.00	\$600.00	Unit cost	Total cost	Life		Age	Remaining life	Remaining life	Remaining life
1984	8	375.316027	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$36,030.34	50	33	34%	17	20	\$12,250.32
1965	12	369.283889	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115.00	\$42,467.65	50	52	10%	5	10	\$4,246.76
1965	12	350.607576	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115.00	\$40,319.87	50	52	10%	5	10	\$4,031.99
1965	12	215.780299	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115.00	\$24,814.73	50	52	10%	5	10	\$2,481.47
1965	12	150.848906	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115.00	\$17,347.62	50	52	10%	5	10	\$1,734.76
1983	12	102.315789	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115.00	\$11,766.32	50	34	32%	16	20	\$3,765.22
1983	12	220.324645	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115.00	\$25,337.33	50	34	32%	16	20	\$8,107.95
1983	8	173.784864	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$16,683.35	50	34	32%	16	20	\$5,338.67
1965	8	61.703485	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$5,923.53	50	52	10%	5	10	\$592.35
1965	18	148.658013	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$160	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$160.00	\$23,785.28	50	52	10%	5	10	\$2,378.53
1983	8	103.600282	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$9,945.63	50	34	32%	16	20	\$3,182.60
1983	8	218.498857	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$20,975.89	50	34	32%	16	20	\$6,712.28
1983	8	363.493376	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$34,895.36	50	34	32%	16	20	\$11,166.52
1988	12	84.424567	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115.00	\$9,708.83	50	29	42%	21	20	\$4,077.71
1988	12	111.814499	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115.00	\$12,858.67	50	29	42%	21	20	\$5,400.64
1977	10	86.123309	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$110	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$110.00	\$9,473.56	50	40	20%	10	10	\$1,894.71
1977	10	155.263004	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$110	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$110.00	\$17,078.93	50	40	20%	10	10	\$3,415.79
1983	8	319.060644	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$30,629.82	50	34	32%	16	20	\$9,801.54
1983	36	317.187913	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$477	\$0	\$476.50	\$151,140.04	50	34	32%	16	20	\$48,364.81
1983	36	288.736373	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$477	\$0	\$476.50	\$137,582.88	50	34	32%	16	20	\$44,026.52
1965	12	130.053743	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115.00	\$14,956.18	50	52	10%	5	10	\$1,495.62
1996	8	269.455197	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$25,867.70	50	21	58%	29	30	\$15,003.27
1983	6	54.552923	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$4,091.47	50	34	32%	16	20	\$1,309.27
1984	12	356.066127	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115.00	\$40,947.60	50	33	34%	17	20	\$13,922.19
2005	12	128.781493	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115.00	\$14,809.87	50	12	76%	38	40	\$11,255.50
2005	12	177.0473	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115.00	\$20,360.44	50	12	76%	38	40	\$15,473.93
1986	18	279.361561	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$160	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$160.00	\$44,697.85	50	31	38%	19	20	\$16,985.18
1984	12	179.267264	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115.00	\$20,615.74	50	33	34%	17	20	\$7,009.35
1984	12	399.92059	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115.00	\$45,990.87	50	33	34%	17	20	\$15,636.90
1984	12	230.958073	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115.00	\$26,560.18	50	33	34%	17	20	\$9,030.46
1984	12	131.0103	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115.00	\$15,066.18	50	33	34%	17	20	\$5,122.50
1975	24	228.066721	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$235	\$0	\$0	\$0	\$0	\$235.00	\$53,595.68	50	42	16%	8	10	\$8,575.31
1984	12	172.301849	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115.00	\$19,814.71	50	33	34%	17	20	\$6,737.00
1984	12	383.345832	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115.00	\$44,084.77	50	33	34%	17	20	\$14,988.82
1984	12	222.469895	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115.00	\$25,584.04	50	33	34%	17	20	\$8,698.57
1984	8	310.896255	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$29,846.04	50	33	34%	17	20	\$10,147.65
1984	8	286.426967	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$27,496.99	50	33	34%	17	20	\$9,348.98
1984	8	157.517093	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$15,121.64	50	33	34%	17	20	\$5,141.36
1984	8	141.833049	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$13,615.97	50	33	34%	17	20	\$4,629.43
1984	8	97.37883	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$9,348.37	50	33	34%	17	20	\$3,178.45
1984	8	95.162408	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$9,135.59	50	33	34%	17	20	\$3,106.10
1984	8	95.017502	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$9,121.68	50	33	34%	17	20	\$3,101.37
1984	8	140.746504	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$13,511.66	50	33	34%	17	20	\$4,593.97
1983	8	133.911204	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$12,855.48	50	34	32%	16	20	\$4,113.75
1984	8	196.969908	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$18,909.11	50	33	34%	17	20	\$6,429.10
1984	8	316.222353	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$30,357.35	50	33	34%	17	20	\$10,321.50
1984	12	262.426152	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115.00	\$30,179.01	50	33	34%	17	20	\$10,260.86
1984	8	195.359364	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$															

**DURHAM COUNTY SEWER SYSTEM
VALUE OF SEWER GRAVITY AND FORCE MAINS**

INSTALL YEAR	DIAMETER	LENGTH	0.75	1	1.25	1.5	2	2.5	3	4	6	8	10	12	15	16	18	20	21	24	27	30	36	42	48	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	\$96.00	\$110.00	\$115.00	\$135.00	\$150.00	\$160.00	\$195.00	\$210.00	\$235.00	\$265.00	\$353.00	\$476.50	\$525.00	\$600.00					life	life	life	
1984	8	142.532799	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$13,683.15	50	33	34%	17	20	\$4,652.27
1984	12	136.537719	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115.00	\$15,701.84	50	33	34%	17	20	\$5,338.62
1984	8	220.278604	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$21,146.75	50	33	34%	17	20	\$7,189.89
1988	12	251.181492	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115.00	\$28,885.87	50	29	42%	21	20	\$12,132.07
1988	12	161.694446	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115.00	\$18,594.86	50	29	42%	21	20	\$7,809.84
1988	12	154.593374	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115.00	\$17,778.24	50	29	42%	21	20	\$7,466.86
1988	12	300.341888	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115.00	\$34,539.32	50	29	42%	21	20	\$14,506.51
1991	8	147.426639	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$14,152.96	50	26	48%	24	20	\$6,793.42
1983	8	150.476032	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$14,445.70	50	34	32%	16	20	\$4,622.62
1983	8	170.191747	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$16,338.41	50	34	32%	16	20	\$5,228.29
1991	8	195.549013	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$18,772.71	50	26	48%	24	20	\$9,010.90
1991	8	274.244602	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$26,327.48	50	26	48%	24	20	\$12,637.19
1991	8	379.900074	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$36,470.41	50	26	48%	24	20	\$17,505.80
1989	8	374.076792	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$35,911.37	50	28	44%	22	20	\$15,801.00
1989	8	352.340092	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$33,824.65	50	28	44%	22	20	\$14,882.85
1991	8	63.543678	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$6,100.19	50	26	48%	24	20	\$2,928.09
1991	8	107.989735	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$10,367.01	50	26	48%	24	20	\$4,976.17
1991	8	177.296077	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$17,020.42	50	26	48%	24	20	\$8,169.80
1989	12	396.235867	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115.00	\$45,567.12	50	28	44%	22	20	\$20,049.53
1983	8	1139.688627	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$109,410.11	50	34	32%	16	20	\$35,011.23
1989	8	175.800906	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$16,876.89	50	28	44%	22	20	\$7,425.83
1989	6	156.410824	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$11,730.81	50	28	44%	22	20	\$5,161.56
1983	6	27.906437	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$2,092.98	50	34	32%	16	20	\$669.75
1989	8	217.453302	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$20,875.52	50	28	44%	22	20	\$9,185.23
1989	8	271.314989	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$26,046.24	50	28	44%	22	20	\$11,460.35
1989	8	109.068635	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$10,470.59	50	28	44%	22	20	\$4,607.06
1983	8	168.95413	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$16,219.60	50	34	32%	16	20	\$5,190.27
1983	8	377.853546	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$36,273.94	50	34	32%	16	20	\$11,607.66
1983	8	13.977292	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$1,341.82	50	34	32%	16	20	\$429.38
1983	8	352.088243	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$33,800.47	50	34	32%	16	20	\$10,816.15
1983	8	397.989243	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$38,206.97	50	34	32%	16	20	\$12,226.23
1965	8	65.922473	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$6,328.56	50	52	10%	5	10	\$632.86
1983	8	100.37964	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$9,636.45	50	34	32%	16	20	\$3,083.66
1983	8	273.64336	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$26,269.76	50	34	32%	16	20	\$8,406.32
1983	8	339.43641	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$32,585.90	50	34	32%	16	20	\$10,427.49
1983	6	260.615978	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$19,546.20	50	34	32%	16	20	\$6,254.78
1988	21	393.200223	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$210	\$0	\$0	\$0	\$0	\$0	\$0	\$210.00	\$82,572.05	50	29	42%	21	20	\$34,680.26
1988	21	396.046719	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$210	\$0	\$0	\$0	\$0	\$0	\$0	\$210.00	\$83,169.81	50	29	42%	21	20	\$34,931.32
1988	12	284.360339	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115.00	\$32,701.44	50	29	42%	21	20	\$13,734.60
1988	12	83.043597	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115.00	\$9,550.01	50	29	42%	21	20	\$4,011.01
1983	8	240.448869	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$23,083.09	50	34	32%	16	20	\$7,386.59
1988	8	400.342605	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$38,432.89	50	29	42%	21	20	\$16,141.81
1988	21	202.49635	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$210	\$0	\$0	\$0	\$0	\$0	\$0	\$210.00	\$42,524.23	50	29	42%	21	20	\$17,860.18
1983	15	558.315269	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$135	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$135.00	\$75,372.56	50	34	32%	16	20	\$24,119.22
1983	15	130.421493	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$135	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$135.00	\$17,606.90	50	34	32%	16	20	\$5,634.21
1976	12	438.560477	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115.00	\$50,434.45	50	41	18%	9	10	\$9,078.20
1976	12	389.787736	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115.00	\$44,825.59	50	41	18%	9	10	\$8,068.61
1976	12	396.783413	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115	\$0	\$0	\$0	\$0	\$0														

**DURHAM COUNTY SEWER SYSTEM
VALUE OF SEWER GRAVITY AND FORCE MAINS**

INSTALL YEAR	DIAMETER	LENGTH	0.75	1	1.25	1.5	2	2.5	3	4	6	8	10	12	15	16	18	20	21	24	27	30	36	42	48	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	\$96.00	\$110.00	\$115.00	\$135.00	\$150.00	\$160.00	\$195.00	\$210.00	\$235.00	\$265.00	\$353.00	\$476.50	\$525.00	\$600.00					Remaining life	Remaining life	Remaining life	
1984	8	202.537539	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$19,443.60	50	33	34%	17	20	\$6,610.83
1983	8	224.950534	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$21,595.25	50	34	32%	16	20	\$6,910.48
1984	8	210.720054	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$20,229.13	50	33	34%	17	20	\$6,877.90
1984	8	27.751067	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$2,664.10	50	33	34%	17	20	\$905.79
1984	12	219.327629	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115.00	\$25,222.68	50	33	34%	17	20	\$8,575.71
1984	8	255.442087	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$24,522.44	50	33	34%	17	20	\$8,337.63
1983	8	120.910193	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$11,607.38	50	34	32%	16	20	\$3,714.36
1983	16	219.96842	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$150	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$150.00	\$32,995.26	50	34	32%	16	20	\$10,558.48
1983	16	232.268152	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$150	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$150.00	\$34,840.22	50	34	32%	16	20	\$11,148.87
1983	16	238.719888	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$150	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$150.00	\$35,807.98	50	34	32%	16	20	\$11,458.55
1983	16	57.003185	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$150	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$150.00	\$8,550.48	50	34	32%	16	20	\$2,736.15
1983	16	265.536213	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$150	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$150.00	\$39,830.43	50	34	32%	16	20	\$12,745.74
1983	21	244.535525	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$210	\$0	\$0	\$0	\$0	\$0	\$0	\$210.00	\$51,352.46	50	34	32%	16	20	\$16,432.79
1983	21	220.199023	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$210	\$0	\$0	\$0	\$0	\$0	\$0	\$210.00	\$46,241.79	50	34	32%	16	20	\$14,797.37
1983	21	154.140122	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$210	\$0	\$0	\$0	\$0	\$0	\$0	\$210.00	\$32,369.43	50	34	32%	16	20	\$10,358.22
1983	8	92.542986	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$8,884.13	50	34	32%	16	20	\$2,842.92
1983	21	252.538843	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$210	\$0	\$0	\$0	\$0	\$0	\$0	\$210.00	\$53,033.16	50	34	32%	16	20	\$16,970.61
1983	21	195.460264	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$210	\$0	\$0	\$0	\$0	\$0	\$0	\$210.00	\$41,046.66	50	34	32%	16	20	\$13,134.93
1983	21	86.030531	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$210	\$0	\$0	\$0	\$0	\$0	\$0	\$210.00	\$18,066.41	50	34	32%	16	20	\$5,781.25
1996	8	278.564203	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$26,742.16	50	21	58%	29	30	\$15,510.45
1996	8	83.799169	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$8,044.72	50	21	58%	29	30	\$4,665.94
1996	8	228.956336	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$21,979.81	50	21	58%	29	30	\$12,748.29
1983	8	237.880081	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$22,836.49	50	34	32%	16	20	\$7,307.68
1983	8	291.762469	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$28,009.20	50	34	32%	16	20	\$8,962.94
1984	8	92.804133	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$8,909.20	50	33	34%	17	20	\$3,029.13
1983	8	249.357765	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$23,938.35	50	34	32%	16	20	\$7,660.27
1983	8	83.020927	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$7,970.01	50	34	32%	16	20	\$2,550.40
1983	8	393.822776	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$37,806.99	50	34	32%	16	20	\$12,098.24
1984	8	241.846547	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$23,217.27	50	33	34%	17	20	\$7,893.87
1996	8	272.638463	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$26,173.29	50	21	58%	29	30	\$15,180.51
1996	8	127.134475	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$12,204.91	50	21	58%	29	30	\$7,078.85
1996	8	197.431261	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$18,953.40	50	21	58%	29	30	\$10,992.97
1965	24	217.197704	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$235	\$0	\$0	\$0	\$0	\$0	\$235.00	\$51,041.46	50	52	10%	5	10	\$5,104.15
1977	15	362.194497	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$135	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$135.00	\$48,896.26	50	40	20%	10	10	\$9,779.25
1983	8	35.09188	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$3,368.82	50	34	32%	16	20	\$1,078.02
1983	36	310.507286	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$477	\$0	\$0	\$476.50	\$147,956.72	50	34	32%	16	20	\$47,346.15
1965	8	435.160391	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$41,775.40	50	52	10%	5	10	\$4,177.54
1986	15	322.257479	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$135	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$135.00	\$43,504.76	50	31	38%	19	20	\$16,531.81
1965	12	146.309628	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115.00	\$16,825.61	50	52	10%	5	10	\$1,682.56
1971	15	133.210117	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$135	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$135.00	\$17,983.37	50	46	10%	5	10	\$1,798.34
1984	8	129.99555	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$12,479.57	50	33	34%	17	20	\$4,243.05
1977	15	270.06254	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$135	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$135.00	\$36,458.44	50	40	20%	10	10	\$7,291.69
1984	8	316.389071	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$30,373.35	50	33	34%	17	20	\$10,326.94
1984	8	300.527867	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$28,850.68	50	33	34%	17	20	\$9,809.23
1971	12	398.401536	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115.00	\$45,816.18	50	46	10%	5	10	\$4,581.62
1984	8	114.57233	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$10,998.94	50	33	34%	17	20	\$3,739.64
1984	8	88.073793	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$8,455.08	50	33	34%	17	20	\$2,874.73
1984	8	382.132086	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0																

**DURHAM COUNTY SEWER SYSTEM
VALUE OF SEWER GRAVITY AND FORCE MAINS**

INSTALL YEAR	DIAMETER	LENGTH	0.75	1	1.25	1.5	2	2.5	3	4	6	8	10	12	15	16	18	20	21	24	27	30	36	42	48	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	\$96.00	\$110.00	\$115.00	\$135.00	\$150.00	\$160.00	\$195.00	\$210.00	\$235.00	\$265.00	\$353.00	\$476.50	\$525.00	\$600.00					life	life	life	
1983	8	112.53193	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$10,803.07	50	34	32%	16	20	\$3,456.98
1985	8	401.930414	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$38,585.32	50	32	36%	18	20	\$13,890.72
1983	8	224.482091	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$21,550.28	50	34	32%	16	20	\$6,896.09
1983	8	96.064363	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$9,222.18	50	34	32%	16	20	\$2,951.10
1983	8	244.493764	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$23,471.40	50	34	32%	16	20	\$7,510.85
1983	8	190.007516	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$18,240.72	50	34	32%	16	20	\$5,837.03
1983	8	125.262219	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$12,025.17	50	34	32%	16	20	\$3,848.06
1986	8	214.078039	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$20,551.49	50	31	38%	19	20	\$7,809.57
1986	8	159.273728	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$15,290.28	50	31	38%	19	20	\$5,810.31
1983	8	193.499401	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$18,575.94	50	34	32%	16	20	\$5,944.30
1983	8	400.430329	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$38,441.31	50	34	32%	16	20	\$12,301.22
1983	8	142.653839	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$13,694.77	50	34	32%	16	20	\$4,382.33
1983	8	109.404587	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$10,502.84	50	34	32%	16	20	\$3,360.91
1983	8	129.688278	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$12,450.07	50	34	32%	16	20	\$3,984.02
1983	8	93.191204	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$8,946.36	50	34	32%	16	20	\$2,862.83
1983	8	82.382788	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$7,908.75	50	34	32%	16	20	\$2,530.80
1983	8	84.158895	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$8,079.25	50	34	32%	16	20	\$2,585.36
1983	8	91.51212	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$8,785.16	50	34	32%	16	20	\$2,811.25
1983	8	161.332107	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$15,487.88	50	34	32%	16	20	\$4,956.12
1983	8	97.194395	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$9,330.66	50	34	32%	16	20	\$2,985.81
1983	8	98.861116	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$9,490.67	50	34	32%	16	20	\$3,037.01
1971	8	95.600957	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$9,177.69	50	46	10%	5	10	\$917.77
1983	8	54.010934	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$5,185.05	50	34	32%	16	20	\$1,659.22
1983	12	134.513047	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115.00	\$15,469.00	50	34	32%	16	20	\$4,950.08
1983	8	152.159459	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$14,607.31	50	34	32%	16	20	\$4,674.34
1983	8	176.317342	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$16,926.46	50	34	32%	16	20	\$5,416.47
1983	8	245.468754	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$23,565.00	50	34	32%	16	20	\$7,540.80
1983	8	152.708008	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$14,659.97	50	34	32%	16	20	\$4,691.19
1983	8	58.805366	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$5,645.32	50	34	32%	16	20	\$1,806.50
1983	8	107.077509	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$10,279.44	50	34	32%	16	20	\$3,289.42
1983	8	117.738705	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$11,302.92	50	34	32%	16	20	\$3,616.93
1983	8	67.852546	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$6,513.84	50	34	32%	16	20	\$2,084.43
1983	8	154.710884	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$14,852.24	50	34	32%	16	20	\$4,752.72
1983	12	8.605235	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115.00	\$989.60	50	34	32%	16	20	\$316.67
1983	6	114.835256	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$8,612.64	50	34	32%	16	20	\$2,756.05
1983	8	294.043233	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$28,228.15	50	34	32%	16	20	\$9,033.01
1983	8	378.264736	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$36,313.41	50	34	32%	16	20	\$11,620.29
1983	8	219.204639	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$21,043.65	50	34	32%	16	20	\$6,733.97
1983	8	81.403284	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$7,814.72	50	34	32%	16	20	\$2,500.71
1983	12	208.232016	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115.00	\$23,946.68	50	34	32%	16	20	\$7,662.94
1983	18	277.388108	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$160	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$160.00	\$44,382.10	50	34	32%	16	20	\$14,202.27
1983	8	87.11105	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$8,362.66	50	34	32%	16	20	\$2,676.05
1983	8	36.139864	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$3,469.43	50	34	32%	16	20	\$1,110.22
1983	8	49.787282	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$4,779.58	50	34	32%	16	20	\$1,529.47
1983	8	74.705693	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$7,171.75	50	34	32%	16	20	\$2,294.96
1983	12	70.517625	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115.00	\$8,109.53	50	34	32%	16	20	\$2,595.05
1983	8	134.702151	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$12,931.41	50	34	32%	16	20	\$4,138.05
1983	8	77.067772	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$7,398.51	50	34				

**DURHAM COUNTY SEWER SYSTEM
VALUE OF SEWER GRAVITY AND FORCE MAINS**

INSTALL YEAR	DIAMETER	LENGTH	0.75	1	1.25	1.5	2	2.5	3	4	6	8	10	12	15	16	18	20	21	24	27	30	36	42	48	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	\$96.00	\$110.00	\$115.00	\$135.00	\$150.00	\$160.00	\$195.00	\$210.00	\$235.00	\$265.00	\$353.00	\$476.50	\$525.00	\$600.00					life	life	life		
1984	12	135.370931	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115.00	\$15,567.66	50	33	34%	17	20	\$5,293.00
1984	12	153.7533	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115.00	\$17,681.63	50	33	34%	17	20	\$6,011.75
1984	12	181.121016	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115.00	\$20,828.92	50	33	34%	17	20	\$7,081.83
1984	8	216.456358	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$20,779.81	50	33	34%	17	20	\$7,065.14
1984	8	145.436072	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$13,961.86	50	33	34%	17	20	\$4,747.03
1984	8	247.017371	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$23,713.67	50	33	34%	17	20	\$8,062.65
1984	8	113.038222	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$10,851.67	50	33	34%	17	20	\$3,689.57
2000	8	203.269707	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$19,513.89	50	17	66%	33	30	\$12,879.17
2000	8	194.340897	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$18,656.73	50	17	66%	33	30	\$12,313.44
2000	8	216.321469	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$20,766.86	50	17	66%	33	30	\$13,706.13
2000	8	316.66522	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$30,399.86	50	17	66%	33	30	\$20,063.91
2000	8	142.491663	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$13,679.20	50	17	66%	33	30	\$9,028.27
2000	8	137.627611	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$13,212.25	50	17	66%	33	30	\$8,720.09
2000	8	261.645357	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$25,117.95	50	17	66%	33	30	\$16,577.85
1984	8	210.841685	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$20,240.80	50	33	34%	17	20	\$6,881.87
1984	8	193.894962	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$18,613.92	50	33	34%	17	20	\$6,328.73
1983	8	324.669974	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$31,168.32	50	34	32%	16	20	\$9,973.86
1983	8	373.205272	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$35,827.71	50	34	32%	16	20	\$11,464.87
1983	8	335.983081	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$32,254.38	50	34	32%	16	20	\$10,321.40
1983	8	66.047655	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$6,340.57	50	34	32%	16	20	\$2,028.98
1983	8	60.753706	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$5,832.36	50	34	32%	16	20	\$1,866.35
1983	8	67.227766	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$6,453.87	50	34	32%	16	20	\$2,065.24
1983	8	365.429888	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$35,081.27	50	34	32%	16	20	\$11,226.01
1983	8	123.776759	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$11,882.57	50	34	32%	16	20	\$3,802.42
1983	8	49.342006	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$4,736.83	50	34	32%	16	20	\$1,515.79
1983	8	342.111879	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$32,842.74	50	34	32%	16	20	\$10,509.68
1983	8	343.888557	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$33,013.30	50	34	32%	16	20	\$10,564.26
1983	8	123.743367	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$11,879.36	50	34	32%	16	20	\$3,801.40
1983	8	74.159795	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$7,119.34	50	34	32%	16	20	\$2,278.19
1983	8	12.849754	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$1,233.58	50	34	32%	16	20	\$394.74
1974	48	373.701876	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$600	\$600.00	\$600.00	\$224,221.13	50	43	14%	7	10	\$31,390.96
1974	48	402.266088	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$600	\$600.00	\$600.00	\$241,359.65	50	43	14%	7	10	\$33,790.35
1974	48	498.50143	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$600	\$600.00	\$600.00	\$299,100.86	50	43	14%	7	10	\$41,874.12	
1974	30	394.03593	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$353	\$0	\$0	\$0	\$353.00	\$353.00	\$139,094.68	50	43	14%	7	10	\$19,473.26
1974	30	394.800242	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$353	\$0	\$0	\$0	\$353.00	\$353.00	\$139,364.49	50	43	14%	7	10	\$19,511.03
1974	30	165.034398	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$353	\$0	\$0	\$0	\$353.00	\$353.00	\$58,257.14	50	43	14%	7	10	\$8,156.00
1974	48	189.848435	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$600	\$600.00	\$600.00	\$113,909.06	50	43	14%	7	10	\$15,947.27	
1974	48	95.203447	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$600	\$600.00	\$600.00	\$57,122.07	50	43	14%	7	10	\$7,997.09	
1983	30	41.286068	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$353	\$0	\$0	\$0	\$353.00	\$353.00	\$14,573.98	50	34	32%	16	20	\$4,663.67
1983	30	330.120931	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$353	\$0	\$0	\$0	\$353.00	\$116,532.69	50	34	32%	16	20	\$37,290.46
1983	30	127.209821	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$353	\$0	\$0	\$0	\$353.00	\$44,905.07	50	34	32%	16	20	\$14,369.62
1983	30	344.495848	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$353	\$0	\$0	\$0	\$353.00	\$121,607.03	50	34	32%	16	20	\$38,914.25
1983	30	396.600615	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$353	\$0	\$0	\$0	\$353.00	\$140,000.02	50	34	32%	16	20	\$44,800.01
1983	30	397.239693	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$353	\$0	\$0	\$0	\$353.00	\$140,225.61	50	34	32%	16	20	\$44,872.20
1983	30	393.692897	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$353	\$0	\$0	\$0	\$353.00	\$138,973.59	50	34	32%	16	20	\$44,471.55
1983	30	399.575285	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$353	\$0	\$0	\$0	\$353.00	\$141,050.08	50	34	32%	16	20	\$45,136.02
1974	30	297.592187	\$0	\$0	\$0	\$0																												

**DURHAM COUNTY SEWER SYSTEM
VALUE OF SEWER GRAVITY AND FORCE MAINS**

INSTALL YEAR	DIAMETER	LENGTH	0.75	1	1.25	1.5	2	2.5	3	4	6	8	10	12	15	16	18	20	21	24	27	30	36	42	48	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	\$96.00	\$110.00	\$115.00	\$135.00	\$150.00	\$160.00	\$195.00	\$210.00	\$235.00	\$265.00	\$353.00	\$476.50	\$525.00	\$600.00					life	life	life	
1983	8	32.596078	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$3,129.22	50	34	32%	16	20	\$1,001.35
1983	8	68.84035	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$6,608.67	50	34	32%	16	20	\$2,114.78
1983	8	50.183043	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$4,817.57	50	34	32%	16	20	\$1,541.62
1983	8	83.083993	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$7,976.06	50	34	32%	16	20	\$2,552.34
1983	8	100.926285	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$9,688.92	50	34	32%	16	20	\$3,100.46
1983	8	81.418199	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$7,816.15	50	34	32%	16	20	\$2,501.17
1983	8	253.343137	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$24,320.94	50	34	32%	16	20	\$7,782.70
1986	8	44.176093	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$4,240.90	50	31	38%	19	20	\$1,611.54
1986	8	151.889895	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$14,581.43	50	31	38%	19	20	\$5,540.94
1983	15	244.155071	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$135	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$135.00	\$32,960.93	50	34	32%	16	20	\$10,547.50
1983	15	181.296065	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$135	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$135.00	\$24,474.97	50	34	32%	16	20	\$7,831.99
1983	8	161.801646	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$15,532.96	50	34	32%	16	20	\$4,970.55
1983	15	106.517745	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$135	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$135.00	\$14,379.90	50	34	32%	16	20	\$4,601.57
1983	15	289.894142	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$135	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$135.00	\$39,135.71	50	34	32%	16	20	\$12,523.43
1983	15	351.59194	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$135	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$135.00	\$47,464.91	50	34	32%	16	20	\$15,188.77
1983	15	274.857197	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$135	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$135.00	\$37,105.72	50	34	32%	16	20	\$11,873.83
1983	15	574.353848	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$135	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$135.00	\$77,537.77	50	34	32%	16	20	\$24,812.09
1983	8	152.222124	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$14,613.32	50	34	32%	16	20	\$4,676.26
1984	8	24.883634	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$2,388.83	50	33	34%	17	20	\$812.20
1984	8	171.133552	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$16,428.82	50	33	34%	17	20	\$5,585.80
1983	8	87.002426	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$8,352.23	50	34	32%	16	20	\$2,672.71
1974	48	104.708539	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$600	\$600.00	\$62,825.12	50	43	14%	7	10	\$8,795.52	
1984	8	300.937179	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$28,889.97	50	33	34%	17	20	\$9,822.59
1984	8	256.933967	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$24,665.66	50	33	34%	17	20	\$8,386.32
1983	8	77.242564	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$7,415.29	50	34	32%	16	20	\$2,372.89
1983	8	267.927607	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$25,721.05	50	34	32%	16	20	\$8,230.74
1971	8	158.535303	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$15,219.39	50	46	10%	5	10	\$1,521.94
1971	8	80.955104	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$7,771.69	50	46	10%	5	10	\$777.17
1983	8	81.919812	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$7,864.30	50	34	32%	16	20	\$2,516.58
1971	8	133.133204	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$12,780.79	50	46	10%	5	10	\$1,278.08
1983	8	123.832986	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$11,887.97	50	34	32%	16	20	\$3,804.15
1983	8	161.726825	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$15,525.78	50	34	32%	16	20	\$4,968.25
1971	8	139.16953	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$13,360.27	50	46	10%	5	10	\$1,336.03
1971	8	46.024741	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$4,418.38	50	46	10%	5	10	\$441.84
1983	12	64.488602	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$115.00	\$7,416.19	50	34	32%	16	20	\$2,373.18
1983	8	168.071961	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$16,134.91	50	34	32%	16	20	\$5,163.17
1983	6	47.067873	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75.00	\$3,530.09	50	34	32%	16	20	\$1,129.63
1983	8	120.051938	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$11,524.99	50	34	32%	16	20	\$3,688.00
1971	8	139.893626	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$13,429.79	50	46	10%	5	10	\$1,342.98
1971	8	77.282693	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$7,419.14	50	46	10%	5	10	\$741.91
1971	8	93.445009	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$8,970.72	50	46	10%	5	10	\$897.07
1971	8	56.956057	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$5,467.78	50	46	10%	5	10	\$546.78
1971	8	338.353508	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$32,481.94	50	46	10%	5	10	\$3,248.19
1971	8	153.257854	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$14,712.75	50	46	10%	5	10	\$1,471.28
1971	8	94.960773	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$9,116.23	50	46	10%	5	10	\$911.62
1971	8	156.612692	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$15,034.82	50	46	10%	5	10	\$1,503.48
1984	8	275.417106	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$26,440.04	50	33	34%	17	20	\$8,989.61
1984	8	204.80997	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$96.00	\$19,661.76	50	33	34%	17</		

COUNTY VALUE ESTIMATES

Pump Station	Address	Land Owner	Land Value
ACTIVE			
Lake Park	6020 Grandale Dr.	Easement	
Scott King/Herndon	1007 Scott King Rd.	County of Durham	\$ 16,455.00
Fairfield	809 Scott King Rd.	Easement	
Davis Drive	619 Davis Dr.	Easement	
Keystone	4700 Hopson Rd.	Easement	
Slater	3109 Slater Rd. Morrisville	Easement	
Page Road	5210 Page Rd.	County of Durham	\$ 24,611.00
Stirrup Iron Creek	4801 Page Rd.		
Central Park	351 Roycroft Drive	Easement	
Page Park	880 Wind River Pkwy.	Easement	
Page Pointe	3502 HWY 70	County of Durham	\$ 12,500.00
Woodfield	4805 Hopson Road	Easement	
Louis Stevens	3752 Louis Stephens Road	Easement	
INACTIVE			
Chin Page Road	4809 Chin Page Road	County of Durham	\$ 2,420.00
Data General	64 TW Alexander Drive	Easement	
National Drive Center	8 TW Alexander Dive	Easement	
TWWTP			
TWWTP Land		County of Durham	\$ 1,317,600.00
TWWTP Land Across the Street		County of Durham	\$ 5,000,000.00

County of Durham Land Used for Wastewater Operations	\$ 6,373,586.00
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