

BEFORE THE
STATE OF NEW JERSEY
BOARD OF PUBLIC UTILITIES

IN THE MATTER OF THE PETITION OF
NEW JERSEY-AMERICAN WATER COMPANY, INC.
FOR APPROVAL OF INCREASED TARIFF RATES
AND CHARGES FOR WATER AND WASTEWATER SERVICE,
CHANGE IN DEPRECIATION RATES AND
OTHER TARIFF MODIFICATIONS

BPU Docket No. WR1709_____

DIRECT TESTIMONY OF
STEPHANIE CUTHBERT, P.E.

Exhibit PT-20

NEW JERSEY-AMERICAN WATER COMPANY, INC.

1 **I. INTRODUCTION**

2 **1. Q. Please state your name and business address.**

3 A. My name is Stephanie Cuthbert and my business address is Remington & Vernick
4 Engineers (“Remington”), 232 Kings Highway East, Haddonfield, NJ 08033.

5 **2. Q. Please describe your educational and professional background.**

6 A. I received a Bachelor of Science degree in Civil Engineering from Drexel
7 University in 1993.

8 I am a Senior Associate for Remington & Vernick Engineers and I am a licensed
9 professional engineer in the State of New Jersey.

10 I am a member of the American Water Works Association Professional
11 Organization.

12 After graduation, I began my career with Remington & Vernick Engineers in 1993
13 and work in the Water and Wastewater field.

14 During my consulting career, I have performed consulting assignments for
15 numerous Authorities and Municipalities that own and operate water and
16 wastewater systems and facilities. I have participated as project manager, lead or
17 staff consultant for over 300 water and sewer utility projects. As the client
18 representative, I have assisted in capital project planning, system conditions studies,
19 rate studies, contract operation procurement and oversight, budget planning and
20 infrastructure assessments. I have also provided public testimony on utility system

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1 evaluations, asset management, rate analysis and valuations of public utility
2 systems.

3 I also served as the Borough of Haddonfield's Water and Sewer Engineer for the
4 seven (7) years prior to the system being sold to New Jersey American Water
5 Company ("NJAWC"). As such, I am directly familiar with the condition of the
6 former Haddonfield (the "Borough") Utility System, the work completed by the
7 Borough, and the operational nuisances of the system. I was also prepared the
8 Technical Report, dated March 2014, used as a guidance document for the sale of
9 the Borough's water and sewer utilities (the "Haddonfield System).

10 **3. Q. What are your duties and responsibilities in your current position?**

11 A. I am a Project Manager and Client Representative and am responsible for the work
12 associated with multiple utility clients. In that capacity, I oversee various design
13 engineers as well as provide consulting services to various water and sewer utility
14 clients.

15

NEW JERSEY-AMERICAN WATER COMPANY, INC.1 **II. PURPOSE OF TESTIMONY**2 **4. Q. Please describe the reason for your testimony in this case.**

3 A. I am presenting Remington's opinion as to the valuation of the Haddonfield System
4 as of its sale to NJAWC (the "Transfer Date") based upon the Original Cost Less
5 Depreciation analysis as of that date completed by myself as the Haddonfield Water
6 & Sewer Engineer in December 2014.

7 **5. Q. What were the objectives of the Technical Report?**

8 A. The Technical Report was undertaken to answer questions for potential purchasers
9 concerning the utility which the Borough was advertising for sale. The Technical
10 Report provided the following:

- 11 • System summary including estimated age and condition of key components.
- 12 • Updates to the system evaluation completed by G.P.M. Associates, Inc. in
13 2003.
- 14 • A list of capital improvement projects required, in our opinion, to facilitate
15 operations and maintenance of the Haddonfield System for the next eleven
16 (11) years.
- 17 • Current staffing used in the operation of the Haddonfield System.

18 **III. THE TECHNICAL REPORT**19 **6. Q. Did the Technical Report assign a value for the utility?**

20 A. The original report did not assign a value as it was developed as a tool to aid
21 prospective utility companies in making their own financial evaluations.

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1 Remington has since completed an independent report which does assign system
2 values. It is incorporated in to this testimony.

3 IV. VALUATION

4 **7. Q. Did you review any other documents or reports relating to the condition or**
5 **value of the Haddonfield System?**

6 A. Yes, I have read the Report entitled "Cost Estimates of the Reproduction Cost New
7 Less Depreciation and the Original Cost Less Depreciation of Water and Sewer
8 Systems for the Borough of Haddonfield" (the "G.P.M. Report"), prepared by
9 G.P.M. Associates, Inc., Cherry Hill, NJ, dated January 2003.

10 **8. Q. What was the purpose of the G.P.M. Report?**

11 A. To determine the value of the water and sewer system based on replacement cost
12 less depreciation. The report also determined original cost less depreciation as
13 established by G.P.M. Associates. The G.P.M. Report was prepared for the
14 Borough of Haddonfield to aid in assessing the value of the system as Haddonfield
15 was considering sale of its utility back in 2003.

16 **9. Q. What conclusions were determined by the G.P.M. Report?**

17 A. That in 2003, the replacement value new was estimated to be \$42,904,795.00 and
18 the replacement cost less depreciation was estimated to be \$13,539,229.00. The
19 report also concluded that the original cost was estimated at \$6,193,647 and the
20 original cost less depreciation was \$3,877,302. The costs did not consider or
21 include property value of real estate parcels on which utility infrastructure is
22 located.

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1 **10. Q. Does the G.P.M. Report fairly assess the current value of the Haddonfield**
2 **water and wastewater facilities as of the Transfer Date?**

3 A. No. Although the G.P.M. Report includes good information, the information is
4 dated and some of its assumptions were excessively conservative. In addition, since
5 the original preparation of the report in 2003, the Borough made considerable
6 improvements to the Haddonfield System; changing original cost less depreciation
7 for the utility. However, I did use the G.P.M. Report as the foundation for
8 Remington's 2014 valuation of the Haddonfield System, since many of its
9 conclusions are sound.

10 **11. Q. You stated that the G.P.M. Report was used as the foundation for the 2014**
11 **Haddonfield System valuation. What modifications, if any, did you make to**
12 **the G.P.M. Report and what was the basis of those modifications?**

13 A. The following modifications were made to the G.P.M. Report including my basis
14 and rational for the modifications:

15 **Water System Analysis**

16 • Some of the portions of the Haddonfield water infrastructure are over 75-
17 years old (i.e. water treatment buildings, generator buildings, etc.). These
18 buildings remained functional as of the Transfer Date, allowing the
19 existing utility to remain compliant with current regulations and collect
20 rents from customers serviced by these system components. However, the
21 G.P.M. Report depreciates 100% of the value for certain components past

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1 the G.P.M.-selected life expectancy, thus valuing used and useful utility
2 assets at \$0. Accordingly, I believe that a 90-year life expectancy is more
3 reasonable for some of these assets. This modification to a 90-year life
4 fully depreciated the oldest structures while assigning current worth to
5 certain aging but used and useful structures.

- 6 • The Haddonfield System contains approximately 51 miles of water main.
7 However, the G.P.M Report only accounted for approximately 44.9 miles
8 of water main with the water main listing terminating at 1999.
9 Accordingly, our updated analysis accounts for all 51 miles of water main
10 including all new water main up to December 2014. The approximate 51
11 miles of water main in the current Remington Haddonfield System
12 valuation relied on detailed and accurate geographic information system
13 (“GIS”) information not available when the G.P.M. Report was compiled.
- 14 • The Haddonfield System consists of water main ranging in size from 4” to
15 16” in diameter. The G.P.M. Report did not include the approximate
16 3,000 linear feet of 16” water main and associated valves. Accordingly,
17 these items were added to the G.P.M. Report as the starting basis of my
18 evaluation.
- 19 • The unit costs listed in the G.P.M. Report for the water main appear to
20 only account for pipe material costs. This is a significant undervaluation
21 of the water main piping because installation includes pipe stone bedding

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1 material, select backfill material, and asphalt restoration for the trench
2 area. All of these items are essential to the installation of the water main
3 and extend its useful life and operation. Accordingly, when I looked at the
4 unit costs I factored in approximately 35% of the trending unit costs to
5 account for the various materials to construct the water main.

- 6 • The unit costs presented in the G.P.M. Report for both water valves and
7 fire hydrants are undervalued and do not reflect construction costs beyond
8 the specific material costs. Accordingly, the unit costs were adjusted
9 based upon industry costs and the provided trending factors.

- 10 • The valve schedule was modified from the G.P.M. Report to correlate to
11 the water main installation schedule. Specifically, water main and water
12 valves are typically installed simultaneously. Accordingly, the valve
13 schedule was modified to reflect installation more in sync with the water
14 main installation. Although this modification to the G.P.M. Report may
15 not have any impact on the valuation of the Haddonfield System, I am
16 noting it for clarification purposes.

- 17 • The G.P.M. Report includes a water meter life expectancy of 60 years. It
18 is my opinion that this life expectancy is overly optimistic. While the
19 Borough replaced its meters with a state-of-the-art remote read system in
20 2009 and underwent subsequent routine maintenance program, the G.P.M.
21 Report stated life expectancy of 60 years is overstated based upon history

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1 and technological developments. Accordingly, I have adjusted the G.P.M.
2 Report to reflect a meter life expectancy of 35 years.

3 **Sanitary System Analysis**

- 4 • As with the water utility system, many of the sanitary pump station
5 structures are listed in the G.P.M. Report as having a life expectancy of
6 75-years. While many of these buildings are more than 75 years old, they
7 remained functional at the Transfer Date, allowing the Haddonfield
8 System to remain compliant with then current regulations and collect rents
9 from customers serviced by these system components. However, the
10 G.P.M. Report depreciates 100% of the value for components past their
11 selected life expectancy. Accordingly, I believe that a 90-year life
12 expectancy is more reasonable.
- 13 • The Haddonfield System contains approximately 55 miles of sanitary
14 gravity main and 2 miles of force main. However, the G.P.M Report only
15 accounted for approximately 41.1 miles of gravity sanitary main. At a
16 minimum, the report has been updated to account for all gravity main.
17 Similar to the water main, the approximate 55 miles of sanitary gravity
18 main in the current Remington Haddonfield System valuation relied on
19 detailed and accurate GIS information not available when the G.P.M.
20 Report was compiled.

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- 1 • The G.P.M. Report uses soft costs of approximately 22% of the estimated
2 construction costs. I believe this is an over estimate. The industry
3 standard for water and sewer projects which require design, NJDEP
4 permitting, Soil Conservation Permitting, Inspection and Contract
5 Administration are approximately 20% of the construction costs. In
6 addition, soft costs for Haddonfield System Projects, on average, were
7 approximately 20% of the construction costs. Accordingly, I have reduced
8 the soft costs in our evaluation.

9 **12. Q. Once you modified the GPM Report as the “foundation” for your 2014**
10 **Haddonfield System valuation, were there any additional modifications that**
11 **you made?**

12 A. Yes. As stated previously, the Borough made significant improvements to its water
13 and sewer utilities between 2003 and 2014. These improvements included utilities
14 associated with the Borough’s annual road program. In addition, the Borough had
15 separate and distinct utility improvement programs, pump station improvement
16 programs, water treatment programs, pump replacement programs and general
17 utility improvement programs. As the Borough Engineer, Remington was involved
18 with all of these projects. Accordingly, we were able to provide updated details of
19 the utility improvements, including original costs, during the years which the
20 improvements were made and went into service. These details were added to the
21 tables provided in our evaluation. This information was not available and was not
22 included in the original G.P.M. Report.

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1 **13. Q. What are the conclusions reached by Remington in updating the financial**
2 **analysis to include capital improvements since 2003?**

3 A. Our update to the GPM Report estimates that the Transfer Date Original Cost Less
4 Depreciation (OCLD) was \$26,911,089.

5 **14. Q Do you think that your evaluation of the Haddonfield System depicts an**
6 **accurate value of the original system cost less depreciation?**

7 A. Yes. Considering the institutional knowledge that our firm and I personally had to
8 draw upon to generate this analysis, it is my opinion that the value detailed herein is
9 as accurate as possible within the “constraints” of the OCLD analysis.

10 **15. Q What do you mean by “constraints” of the OCLD analysis?**

11 A It is my opinion that during the analysis that there were certain constraints of the
12 analysis which *undervalued* the Haddonfield System. Specifically:

13 • There are intrinsic values to the Haddonfield water system. For example,
14 the Borough had a water allocation permit which limits, but allows a
15 monthly and annual diversion of groundwater from the (Potomac-Raritan-
16 Magothy) PRM Aquifer. This aquifer is classified as Critical Area 2 by
17 New Jersey Department of Environmental Protection. No new annual
18 diversion increases can be permitted from this formation. Accordingly,
19 this allocation is valuable for the entity that owns the rights to the
20 allocation and is an inherent value to the Haddonfield System. This very
21 valuable diversion can be re-assigned to other wells owned by NJAWC,

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1 and does not require the same level of treatment for iron and manganese
2 removal as the groundwater diverted from the Haddonfield wells; thereby
3 providing a secondary benefit to NJAWC.

- 4 • Water is a very valuable commodity which is not owned but regulated in
5 the State of New Jersey. The regulating body, the New Jersey Department
6 of Environmental Protection (NJDEP), regulates the use of water thru
7 allocation permits. Due to the location of the Haddonfield system within
8 the State's defined Critical Area 2, no new allocation is being granted. In
9 other words, the ability to pump additional work from this area is not
10 being permitted by the NJDEP. Therefore, whoever owns the allocation
11 or the ability to pump water owns a very valuable commodity. The OCLD
12 analysis does not take into account this intrinsic value of the system.
13 Accordingly, it is my opinion, that this is an area where the Haddonfield
14 System and its ownership of water allocation may be *undervalued*.

- 15 • In addition, the sale of the Haddonfield system transfers the allocation
16 rights or the water pumping rights to NJAWC. NJAWC, through
17 negotiations with the NJDEP, may re-assign the allocation to its other
18 wells that are located within the same aquifer. These wells may not
19 require the same level of treatment (i.e. iron and manganese removal) as
20 the Haddonfield wells. The reduced level of treatment would result in a
21 cost savings. Accordingly, it is my opinion, that this is an area where the
22 system is *undervalued*.

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- 1 • The analysis did not include any real estate property value in the analysis.
2 However, there are numerous real properties in the Haddonfield System
3 where infrastructures are located (*i.e.*, pump stations, water standpipe,
4 water treatment plants, etc.). While the Original Cost Less Depreciation
5 Analysis may not have resulted in any net value for the real property, it is
6 more than reasonable to state that the real estate associated with the
7 Haddonfield System has an inherent value which is not reflected in the
8 OCLD value contained herein. Thus the Remington analysis *undervalues*
9 the Haddonfield System.

10 **16. Q. Have you prepared a schedule summarizing Remington's opinion as to the**
11 **estimated land value?**

12 A. Yes. Please refer to Schedule SC-2, incorporated herein by reference. As noted on
13 Schedule SC-2, the estimated land value was based upon actual assessed land
14 values in 2014 for those parcels not requiring parcel subdivision. For those parcels
15 where a subdivision or easement were required, land values were assessed by
16 utilizing the average Haddonfield assessed residential value of \$600,000 per acre in
17 2014 as provided by the Borough at that time.

18 **17. Q. Have you prepared a schedule summarizing Remington's opinion as to the**
19 **OCLD of the Haddonfield System?**

20 A. Yes. Please see Schedule SC-1, incorporated herein by reference.

NEW JERSEY-AMERICAN WATER COMPANY, INC.1 **18. Q. Can you explain Schedule SC-1?**

2 A. Yes. Page 1 of 31 is a summary table of the valuation work sheets that follow on
3 pages 2-31. Our valuation analysis was separated into four work sheets. The first
4 work sheet, pages 2-3, contains valuation of the Water System Facilities which
5 consists of water supply wells, well houses and water supply pumps, water
6 treatment plant building and equipment, and water storage tanks. The second work
7 sheet, pages 4-15, contain valuation of the Water Distribution System which
8 includes water mains, service laterals, valves, hydrants and water meters. The third
9 work sheet, page 16, contains valuation of Sanitary Sewer Facilities including the
10 pump stations. The fourth and final work sheet, pages 17-31, contains valuation of
11 the Sanitary Conveyance System which includes the sewer gravity mains, sewer
12 service laterals, manholes and pump station force mains.

13 **19. Q. Explain how the Original Unit Cost Values shown in Schedule SC-1 were**
14 **derived?**

15 A. In establishing the original unit costs for the older infrastructure that has been listed
16 in Schedule SC-1, I used the basis of the original valuation report prepared by GPM
17 Associates, Inc. in 2003. Specifically, limited information was available on the
18 oldest infrastructure regarding original construction costs. Accordingly, Trending
19 Factors were developed. Indices of the Handy Whitman Bulletin No. 153 "Cost
20 Trends of Water Utility Construction" and construction cost index published by
21 Engineering News Record were utilized to develop the Trending Factors. The
22 Trending Factors were applied to the Reproduction Costs and the Depreciation to

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1 establish the original costs. It should be noted that I did not agree with the
2 Reproduction Costs and therefore the Original Costs stated in the GPM Report in
3 2003. For instance, the existing Water Works Building is very ornate with detail
4 and exterior marble features. Accordingly, I believe that the GPM Report
5 underestimated the reproduction costs and therefore, this was reflected in a reduced
6 Original Cost. Ultimately, this had no impact on the value of the system as the
7 building was fully depreciated and this modification is merely presented as a matter
8 of clarification.

9 The above explains how original costs were established for assets where records
10 were not available regarding original costs. For those assets where records were
11 available, *actual* costs were utilized. This is predominantly reflected in projects
12 completed between 2003 and 2010. Accordingly, the unit costs detailed in
13 Schedule SC-1 are *actual* costs when records are available.

14 **20. Q. Page 4 and 5 of 31 in Schedule SC-1 include two line items titled “2006 Road**
15 **Program” and “2005 Road Program” in addition to numerous line items with**
16 **no item description. Please explain the nature of these items and verify that**
17 **these represent items of utility plant that remain used and useful as of the**
18 **Transfer Date.**

19 A. The line items under the “2006 Road Program” and “2005 Road Program” are
20 associated with the Utility System and included limited utility work completed prior
21 to the Borough completing its road programs in 2005 & 2006. The untitled lines
22 are all associated existing utilities that are currently operated and maintained. They

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1 are not specifically associated with a current project completed and therefore are
2 not documented as such.

3 **21. Q. Please identify all items of plant shown in Schedule SC-1 that were constructed**
4 **using developer contributions including tapping fees or were otherwise**
5 **contributed to the Borough of Haddonfield.**

6 A. I am not aware of any items constructed using developer contributions including
7 tapping fees. The only fees collected by the Borough are meter connection fees for
8 new homes or individual connections which are utilized to pay for the meter; not
9 Borough utility improvements.

10 **22. Q. Is it correct that the “Soft Costs” shown in Schedule SC-1 are derived by**
11 **multiplying the stated percentage for each item by the Total Original Cost,**
12 **Total Accumulated Depreciation and OCLD values to arrive at the respective**
13 **Design and Permitting, Contract Administration and Construction Oversight**
14 **costs and that these values do not reflect actual original costs incurred by the**
15 **Borough in providing the water and sewer facilities? If this is not correct**
16 **please explain.**

17 A. It is correct that the soft costs were derived by multiplying the stated percentage for
18 each item by the OCLD totals and do not reflect the actual original costs incurred
19 by the Borough. However, it should be noted that our firm does not establish soft
20 costs for a project by taking the percentage of the estimated construction costs.
21 Instead, individual projects are reviewed for complexity, location, public interaction
22 / required updates and associated timeframes for each individual project.

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1 Accordingly, soft costs vary with each project. However, in completing this
2 valuation, we needed to establish the most accurate soft cost rate to project across
3 all projects. Accordingly, we reviewed several recent construction cost vs. soft cost
4 projects to establish an average Design, Permitting, Contract Administration and
5 Construction Oversight costs percentage. It was this average percentage that was
6 the utilized to calculate the soft costs and most accurately presents the fees incurred
7 by the Borough of Haddonfield.

8 **23. Q. Some of your schedules reflect that they were updated in 2017. What was done**
9 **to facilitate an update?**

10 A. I conducted a thorough review of all previously prepared schedules and analysis.
11 As a result I concluded that the Transfer Date valuation was correct and
12 appropriate.

13 **24. Q. Does this complete your testimony?**

14 A. Yes.

**BOROUGH OF HADDONFIELD
WATER & SEWER SYSTEM
VALUATION ANALYSIS
UPDATED SEPTEMBER 2017**

CONSTRUCTION COSTS			
	ORIGINAL COSTS	DEPRECIATION	OCLE
WATER SYSTEM			
WATER FACILITIES	\$3,793,658.00	\$1,276,741.70	\$2,516,916.30
WATER DISTRIBUTION			
WATER SERVICES	\$2,151,404.60	\$775,607.68	\$1,375,796.92
WATER MAIN	\$9,630,014.00	\$4,102,781.65	\$5,527,232.35
WATER VALVES	\$467,306.50	\$74,113.27	\$393,193.23
FIRE HYDRANTS	\$753,650.00	\$182,367.20	\$571,282.80
TOTAL WATER SYSTEM COSTS	\$16,796,033.10	\$6,411,611.50	\$10,384,421.60
SANITARY SYSTEM			
SANITARY FACILITIES	\$1,679,393.00	\$228,078.17	\$1,451,314.83
SANITARY CONVEYANCE			
SANITARY LATERALS	\$2,312,134.66	\$642,738.97	\$1,669,395.69
SANITARY GRAVITY MAIN	\$10,402,327.64	\$2,927,340.00	\$7,474,987.64
SANITARY FORCE MAIN	\$514,896.48	\$183,801.88	\$331,094.60
MANHOLES	\$1,408,607.50	\$293,914.69	\$1,114,692.81
TOTAL SANITARY SYSTEM COSTS	\$16,317,359.28	\$4,275,873.71	\$12,041,485.58
TOTAL CONSTRUCTION COSTS	\$33,113,392.38	\$10,687,485.21	\$22,425,907.17
SOFT COSTS			
DESIGN & PERMITTING ENGINEERING (12%)	\$3,973,607.09	\$1,282,498.23	\$2,691,108.86
CONTRACT ADMINISTRATION (3%)	\$993,401.77	\$320,624.56	\$672,777.22
CONSTRUCTION OVERSIGHT (5%)	\$1,655,669.62	\$534,374.26	\$1,121,295.36
TOTAL SOFT COSTS	\$6,622,678.48	\$2,137,497.04	\$4,485,181.43
OVERALL WATER & SEWER SYSTEM COSTS	\$39,736,070.86	\$12,824,982.25	\$26,911,088.61

**BOROUGH OF HADDONFIELD
WATER & SEWER SYSTEM
VALUATION ANALYSIS
UPDATED SEPTEMBER 2017**

WATER SYSTEM FACILITIES

YEAR OF PURCHASE	ITEM	AGE (YEARS)	ORIGINAL COST	LIFE	DEPRECIATION FACTOR	DEPRECIATION COST	OCLD
1909	WATER WORKS BUILDING	105	\$25,000.00	90	1.00	\$25,000.00	\$0.00
1909	SUCTION WELL	105	\$4,000.00	90	1.00	\$4,000.00	\$0.00
1909	FILTER BUILDING	105	\$12,000.00	90	1.00	\$12,000.00	\$0.00
2002	FILTER BUILDING ROOF	12	\$21,000.00	40	0.30	\$6,300.00	\$14,700.00
2006	FILTER BUILDING RETAINING WALL	8	\$193,300.00	90	0.09	\$17,182.22	\$176,117.78
1940	FILTERS (3)	74	\$20,000.00	90	0.82	\$16,444.44	\$3,555.56
2000	FILTER MEDIA (2)	14	\$48,000.00	30	0.47	\$22,400.00	\$25,600.00
1955	CHLORINATION BUILDING	59	\$5,000.00	90	0.66	\$3,277.78	\$1,722.22
2003	CHLORINATION BUILDING IMPROVEMENTS	11	\$15,000.00	40	0.28	\$4,125.00	\$10,875.00
2006	CHLORINATION EQUIPMENT	8	\$13,000.00	15	0.53	\$6,933.33	\$6,066.67
2013	CHLORINE BUILDING HEATING	1	\$15,000.00	20	0.05	\$750.00	\$14,250.00
1979	GENERATOR BUILDING	35	\$13,500.00	90	0.39	\$5,250.00	\$8,250.00
2000	GENERATOR BUILDING IMPROVEMENTS	14	\$14,000.00	40	0.35	\$4,900.00	\$9,100.00
1979	STANDBY GENERATOR	35	\$20,000.00	40	0.88	\$17,500.00	\$2,500.00
1996	DISTRIBUTION PUMP (500 GPM)	18	\$13,138.00	50	0.36	\$4,729.68	\$8,408.32
1995	DISTRIBUTION PUMP (1100 GPM)	19	\$12,712.00	50	0.38	\$4,830.56	\$7,881.44
1995	DISTRIBUTION PUMP (1500 GPM)	19	\$3,343.00	50	0.38	\$1,270.34	\$2,072.66
2001	DRIVE FOR 500 GPM PUMP	13	\$10,000.00	20	0.65	\$6,500.00	\$3,500.00
2002	DRIVE FOR 1100 GPM PUMP	12	\$12,000.00	20	0.60	\$7,200.00	\$4,800.00
2012	DRIVE FOR 1500 GPM PUMP	2	\$15,000.00	20	0.10	\$1,500.00	\$13,500.00
1969	PUMP, PIPING, VALVE, ETC	45	\$5,354.00	75	0.60	\$3,212.40	\$2,141.60
1998	PUMP SUCTION PIPE	16	\$4,688.00	75	0.21	\$1,000.11	\$3,687.89
1909	AERATOR BUILDING	105	\$5,000.00	90	1.00	\$5,000.00	\$0.00
2004	AERATOR	10	\$236,850.00	75	0.13	\$31,580.00	\$205,270.00
1998	CONTROL EQUIPMENT	16	\$183,051.00	25	0.64	\$117,152.64	\$65,898.36
1968	LAKE ST WATER PLANT BUILDING	46	\$60,541.00	90	0.51	\$30,943.18	\$29,597.82

1968	LAKE ST BELOW GRADE RES (2)	46	\$306,402.00	90	0.51	\$156,605.47	\$149,796.53
1968	LAKE STREET FILTRATION EQUIPMENT	46	\$115,274.00	75	0.61	\$70,701.39	\$44,572.61
1968	LAKE STREET TREATMENT & CONTROLS	46	\$33,413.00	40	1.00	\$33,413.00	\$0.00
1979	LAKE ST CLEAR WELL PUMPS	35	\$115,274.00	50	0.70	\$80,691.80	\$34,582.20
1968	LAKE ST. PUMP STATION (FANCEY)	46	\$25,000.00	90	0.51	\$12,777.78	\$12,222.22
1968	LAKE ST PUMP EQUIPMENT	46	\$15,254.00	50	0.92	\$14,033.68	\$1,220.32
1968	LAKE STREET GENERATOR	46	\$6,102.00	40	1.00	\$6,102.00	\$0.00
1899	COTTAGE AVE STANDPIPE	115	\$15,000.00	100	1.00	\$15,000.00	\$0.00
1997	COTTAGE AVE STANDPIPE PAINTING (INTERIOR & EXTERIOR) INCLUDING NEW MANWAY	17	\$140,000.00	20	0.85	\$119,000.00	\$21,000.00
2013	COTTAGE AVE STANDPIPE CONTROLS	1	\$10,000.00	25	0.04	\$400.00	\$9,600.00
1991	COTTAGE AVE ROOF REPLACEMENT	23	\$16,500.00	75	0.31	\$5,060.00	\$11,440.00
2014	COTTAGE AVE OVERFLOW PIPE REPLACEMENT	0	\$9,000.00	75	0.00	\$0.00	\$9,000.00
1909	BUILDING STANDPIPE	105	\$1,100.00	90	1.00	\$1,100.00	\$0.00
1935	BUILDING WELL 1A	79	\$3,245.00	90	0.88	\$2,848.39	\$396.61
2006	GENERATOR PURCHASE - WELL 1A	8	\$25,995.00	90	0.09	\$2,310.67	\$23,684.33
2001	BUILDING 1A IMPROVEMENTS	13	\$11,200.00	40	0.33	\$3,640.00	\$7,560.00
2008	WELL 1A REDRILL & PUMP REPLACEMENT	6	\$214,000.00	30	0.20	\$42,800.00	\$171,200.00
1959	WELL 5 BUILDING	55	\$28,108.00	90	0.61	\$17,177.11	\$10,930.89
2003	WELL 5 BUILDING IMPROVEMENTS	11	\$34,181.00	40	0.28	\$9,399.78	\$24,781.23
2007	WELL 5 REDEVELOPMENT & PUMP REPLACEMENT	7	\$59,450.00	15	0.47	\$27,743.33	\$31,706.67
1971	WELL 7 BUILDING	43	\$64,432.00	90	0.48	\$30,784.18	\$33,647.82
2000	WELL 7 REDVELOPMENT & PUMP REPLACEMENT	14	\$59,850.00	20	0.70	\$41,895.00	\$17,955.00
2000	VFD DRIVE 1000 GPM WELL (100 HP)	14	\$8,800.00	20	0.70	\$6,160.00	\$2,640.00
1997	INTERCONNECTIONS WITH NJAW	17	\$90,601.00	100	0.17	\$15,402.17	\$75,198.83
2009	WATER METER REPLACEMENTS	5	\$1,405,000.00	35	0.14	\$200,714.29	\$1,204,285.71
	TOTAL		\$3,793,658.00			\$1,276,741.70	\$2,516,916.30

**BOROUGH OF HADDONFIELD
WATER & SEWER SYSTEM
VALUATION ANALYSIS
UPDATED SEPTEMBER 2017**

WATER DISTRIBUTION SYSTEM

WATER SERVICES									
YEAR OF PURCHASE	ITEM	# OF ITEMS	AGE (YEARS)	LIFE	ORIGINAL UNIT COST	ORIGINAL COST	DEPRECIATION FACTOR	DEPRECIATION COST/UNIT	OCLD
2014	1" - UP TO 30' LONG	24	0	75	\$1,700.00	\$40,800.00	0	\$0.00	\$40,800.00
2014	1" - 31' TO 50'	23	0	75	\$2,000.00	\$46,000.00	0	\$0.00	\$46,000.00
2014	1" - UP TO 40' LONG	45	0	75	\$1,500.00	\$67,500.00	0	\$0.00	\$67,500.00
2013	1" - UP TO 30' LONG	61	1	75	\$1,200.00	\$73,200.00	0.01	\$16.00	\$72,224.00
2013	1" - 31' TO 75' LONG	31	1	75	\$1,450.00	\$44,950.00	0.01	\$19.33	\$44,350.67
2013	1.5" - UP TO 30' LONG	1	1	75	\$2,000.00	\$2,000.00	0.01	\$26.67	\$1,973.33
2013	2" - UP TO 30' LONG	1	1	75	\$3,000.00	\$3,000.00	0.01	\$40.00	\$2,960.00
2012	CEDAR AVE WATER MAIN	40	2	75	\$500.00	\$20,000.00	0.03	\$13.33	\$19,466.67
2012	CENTRE STREET UTILITIES	13	2	75	\$1,200.00	\$15,600.00	0.03	\$32.00	\$15,184.00
2011		20	3	75	\$1,200.00	\$24,000.00	0.04	\$48.00	\$23,040.00
2011	WATER SERVICES - STATION AVENUE	6	3	75	\$700.00	\$4,200.00	0.04	\$28.00	\$4,032.00
2010	KINGS COURT	1	4	75	\$1,500.00	\$1,500.00	0.05	\$80.00	\$1,420.00
2011	1" SERVICE - WOODLAND	36	3	75	\$1,100.00	\$39,600.00	0.04	\$44.00	\$38,016.00
2011	1" SERVICE - TANNER	33	3	75	\$1,000.00	\$33,000.00	0.04	\$40.00	\$31,680.00
2011	2" SERVICE - TANNER	1	3	75	\$1,100.00	\$1,100.00	0.04	\$44.00	\$1,056.00
2010	CHESTNUT/REDMAN	65	4	75	\$1,300.00	\$84,500.00	0.05	\$69.33	\$79,993.33
2009	COLONIAL/LAKE	66	5	75	\$800.00	\$52,800.00	0.07	\$53.33	\$49,280.00
2007	RHOADES AVE	50	7	75	\$900.00	\$45,000.00	0.09	\$84.00	\$40,800.00
2007	WALNUT	35	7	75	\$1,100.00	\$38,500.00	0.09	\$102.67	\$34,906.67
2007	SYLVAN LAKE - 1" WATER SERVICE	6	7	75	\$1,500.00	\$9,000.00	0.09	\$140.00	\$8,160.00
2007	SYLVAN LAKE - 2" WATER SERVICE	1	7	75	\$1,500.00	\$1,500.00	0.09	\$140.00	\$1,360.00
2006	2006 ROAD PROGRAM	80	8	75	\$1,200.00	\$96,000.00	0.11	\$128.00	\$85,760.00
2005	2005 ROAD PROGRAM	74	9	75	\$1,200.00	\$88,800.00	0.12	\$144.00	\$78,144.00
2004		52	10	75	\$1,200.00	\$62,400.00	0.13	\$160.00	\$54,080.00
2003		15	11	75	\$1,200.00	\$18,000.00	0.15	\$176.00	\$15,360.00
2002		15	12	75	\$1,200.00	\$18,000.00	0.16	\$192.00	\$15,120.00
2001		20	13	75	\$1,200.00	\$24,000.00	0.17	\$208.00	\$19,840.00
2000		20	14	75	\$1,276.60	\$25,532.00	0.19	\$238.30	\$20,766.03
1999		20	15	75	\$1,245.40	\$24,908.00	0.20	\$249.08	\$19,926.40
1998		20	16	75	\$1,218.10	\$24,362.00	0.21	\$259.86	\$19,164.77
1997		20	17	75	\$1,190.80	\$23,816.00	0.23	\$269.91	\$18,417.71
1996		30	18	75	\$1,167.40	\$35,022.00	0.24	\$280.18	\$26,616.72
1995		30	19	75	\$1,123.20	\$33,696.00	0.25	\$284.54	\$25,159.68
1994		30	20	75	\$1,105.00	\$33,150.00	0.27	\$294.67	\$24,310.00
1993		30	21	75	\$1,079.00	\$32,370.00	0.28	\$302.12	\$23,306.40
1992		30	22	75	\$1,028.30	\$30,849.00	0.29	\$301.63	\$21,799.96
1991		30	23	75	\$993.20	\$29,796.00	0.31	\$304.58	\$20,658.56
1990		30	24	75	\$971.10	\$29,133.00	0.32	\$310.75	\$19,810.44
1989		30	25	75	\$952.90	\$28,587.00	0.33	\$317.63	\$19,058.00
1988		30	26	75	\$928.20	\$27,846.00	0.35	\$321.78	\$18,192.72
1987		20	27	75	\$910.00	\$18,200.00	0.36	\$327.60	\$11,648.00

1986		44	28	75	\$884.00	\$38,896.00	0.37	\$330.03	\$24,374.83
1985		32	29	75	\$859.30	\$27,497.60	0.39	\$332.26	\$16,865.19
1984		50	30	75	\$842.40	\$42,120.00	0.40	\$336.96	\$25,272.00
1983		32	31	75	\$834.60	\$26,707.20	0.41	\$344.97	\$15,668.22
1982		32	32	75	\$802.10	\$25,667.20	0.43	\$342.23	\$14,715.86
1981		32	33	75	\$751.40	\$24,044.80	0.44	\$330.62	\$13,465.09
1980		43	34	75	\$686.40	\$29,515.20	0.45	\$311.17	\$16,134.98
1979		32	35	75	\$638.30	\$20,425.60	0.47	\$297.87	\$10,893.65
1978		27	36	75	\$582.40	\$15,724.80	0.48	\$279.55	\$8,176.90
1977		0	37	75	\$0.00	\$0.00	0.49	\$0.00	\$0.00
1976		0	38	75	\$0.00	\$0.00	0.51	\$0.00	\$0.00
1975		0	39	75	\$0.00	\$0.00	0.52	\$0.00	\$0.00
1974		11	40	75	\$410.80	\$4,518.80	0.53	\$219.09	\$2,108.77
1973		0	41	75	\$0.00	\$0.00	0.55	\$0.00	\$0.00
1972		0	42	75	\$0.00	\$0.00	0.56	\$0.00	\$0.00
1971		0	43	75	\$0.00	\$0.00	0.57	\$0.00	\$0.00
1970		0	44	75	\$0.00	\$0.00	0.59	\$0.00	\$0.00
1969		0	45	75	\$0.00	\$0.00	0.60	\$0.00	\$0.00
1968		0	46	75	\$0.00	\$0.00	0.61	\$0.00	\$0.00
1967		0	47	75	\$0.00	\$0.00	0.63	\$0.00	\$0.00
1966		0	48	75	\$0.00	\$0.00	0.64	\$0.00	\$0.00
1965		11	49	75	\$197.60	\$2,173.60	0.65	\$129.10	\$753.51
1964		0	50	75	\$0.00	\$0.00	0.67	\$0.00	\$0.00
1963		0	51	75	\$0.00	\$0.00	0.68	\$0.00	\$0.00
1962		121	52	75	\$176.80	\$21,392.80	0.69	\$122.58	\$6,560.46
1961		0	53	75	\$0.00	\$0.00	0.71	\$0.00	\$0.00
1960		98	54	75	\$167.70	\$16,434.60	0.72	\$120.74	\$4,601.69
1959		0	55	75	\$0.00	\$0.00	0.73	\$0.00	\$0.00
1958		0	56	75	\$0.00	\$0.00	0.75	\$0.00	\$0.00
1957		0	57	75	\$0.00	\$0.00	0.76	\$0.00	\$0.00
1956		0	58	75	\$0.00	\$0.00	0.77	\$0.00	\$0.00
1955		706	59	75	\$167.70	\$118,396.20	0.79	\$131.92	\$25,257.86
1954		0	60	75	\$0.00	\$0.00	0.80	\$0.00	\$0.00
1953		0	61	75	\$0.00	\$0.00	0.81	\$0.00	\$0.00
1952		0	62	75	\$0.00	\$0.00	0.83	\$0.00	\$0.00
1951		0	63	75	\$0.00	\$0.00	0.84	\$0.00	\$0.00
1950		0	64	75	\$0.00	\$0.00	0.85	\$0.00	\$0.00
1949		0	65	75	\$0.00	\$0.00	0.87	\$0.00	\$0.00
1948		0	66	75	\$0.00	\$0.00	0.88	\$0.00	\$0.00
1947		0	67	75	\$0.00	\$0.00	0.89	\$0.00	\$0.00
1946		0	68	75	\$0.00	\$0.00	0.91	\$0.00	\$0.00
1945		716	69	75	\$167.70	\$120,073.20	0.92	\$154.28	\$9,605.86
1944		0	70	75	\$0.00	\$0.00	0.93	\$0.00	\$0.00
1943		0	71	75	\$0.00	\$0.00	0.95	\$0.00	\$0.00
1942		0	72	75	\$0.00	\$0.00	0.96	\$0.00	\$0.00
1941		0	73	75	\$0.00	\$0.00	0.97	\$0.00	\$0.00
1940		0	74	75	\$0.00	\$0.00	0.99	\$0.00	\$0.00
1935		0	79	75	\$0.00	\$0.00	1.05	\$0.00	\$0.00
1925		0	89	75	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1909		0	105	75	\$18.20	\$0.00	1.00	\$1,200.00	\$0.00
		4500				\$2,151,404.60		\$775,607.68	\$1,375,796.92

**BOROUGH OF HADDONFIELD
WATER & SEWER SYSTEM
VALUATION ANALYSIS
UPDATED SEPTEMBER 2017**

WATER DISTRIBUTION SYSTEM

WATER MAIN									
YEAR OF PURCHASE	ITEM	LINER FEET OF PIPE	AGE (YEARS)	LIFE	ORIGINAL UNIT COST	ORIGINAL COST	DEPRECIATION FACTOR	DEPRECIATION COST/UNIT	OCLD
2014	8" DIRECTIONAL DRILL WATER MAIN - GROVE PROJECT	2740	0	100	\$115.00	\$315,100.00	0	\$0.00	\$315,100.00
2014	8" WATER MAIN - GROVE PROJECT	450	0	100	\$375.00	\$168,750.00	0	\$0.00	\$168,750.00
2014	6" WATER MAIN - GROVE PROJECT	49	0	100	\$175.00	\$8,575.00	0	\$0.00	\$8,575.00
2014	4" WATER MAIN - GROVE PROJECT	30	0	100	\$168.00	\$5,040.00	0	\$0.00	\$5,040.00
2014	8" FITTINGS	10	0	100	\$200.00	\$2,000.00	0	\$0.00	\$2,000.00
2014	6" FITTINGS	5	0	100	\$150.00	\$750.00	0	\$0.00	\$750.00
2014	4" FITTINGS	5	0	100	\$125.00	\$625.00	0	\$0.00	\$625.00
2014	8" TEES	11	0	100	\$600.00	\$6,600.00	0	\$0.00	\$6,600.00
2014	REDUCERS	4	0	100	\$700.00	\$2,800.00	0	\$0.00	\$2,800.00
2014	CLDIP MJT CAPS	4	0	100	\$500.00	\$2,000.00	0	\$0.00	\$2,000.00
2014	8" WATER MAIN	1300	0	100	\$106.00	\$137,800.00	0	\$0.00	\$137,800.00
2013	8 " WATER MAIN	3177	1	100	\$110.00	\$349,470.00	0.01	\$1.10	\$345,975.30
2013	6" WATER MAIN	70	1	100	\$55.00	\$3,850.00	0.01	\$0.55	\$3,811.50
2013	4" WATER MAIN	53	1	100	\$55.00	\$2,915.00	0.01	\$0.55	\$2,885.85
2012	8" WATER MAIN - CEDAR	2100	2	100	\$100.00	\$210,000.00	0.02	\$2.00	\$205,800.00
2012	6" FITTINGS - CEDAR	5	2	100	\$250.00	\$1,250.00	0.02	\$5.00	\$1,225.00
2012	8" FITTINGS - CEDAR	8	2	100	\$400.00	\$3,200.00	0.02	\$8.00	\$3,136.00
2012	CENTRE STREET - 8" WATER MAIN	792	2	100	\$100.00	\$79,200.00	0.02	\$2.00	\$77,616.00
2012	CENTRE STREET - 8" FITTINGS	9	2	100	\$275.00	\$2,475.00	0.02	\$5.50	\$2,425.50
2012	CENTRE STREET - 8" FITTINGS	2	2	100	\$550.00	\$1,100.00	0.02	\$11.00	\$1,078.00
2011		0	3	100	\$0.00	\$0.00	0.03	\$0.00	\$0.00
2011	6" MAIN - WOODLAND	15	3	100	\$55.00	\$825.00	0.03	\$1.65	\$800.25
2011	8" MAIN- WOODLAND	2753	3	100	\$65.00	\$178,945.00	0.03	\$1.95	\$173,576.65
2011	8" FITTINGS - WOODLAND	48	3	100	\$225.00	\$10,800.00	0.03	\$6.75	\$10,476.00
2011	8" WATER MAIN - TANNER	1385	3	100	\$95.00	\$131,575.00	0.03	\$2.85	\$127,627.75
2011	8" FITTING - TANNER	39	3	100	\$400.00	\$15,600.00	0.03	\$12.00	\$15,132.00
2011	8" WATER MAIN - WOODLAND/TANNER	3810	3	100	\$100.00	\$381,000.00	0.03	\$3.00	\$369,570.00
2011	8" FITTINGS - WOODLAND	45	3	100	\$225.00	\$10,125.00	0.03	\$6.75	\$9,821.25
2009	8" WATER MAIN - REDMAN	1120	5	100	\$135.00	\$151,200.00	0.05	\$6.75	\$143,640.00
2008	8" WATER MAIN (COLONIAL LAKE)	1614	6	100	\$70.00	\$112,980.00	0.06	\$4.20	\$106,201.20
2008	12" WATER MAIN (COLONIAL/LAKE)	43	6	100	\$101.00	\$4,343.00	0.06	\$6.06	\$4,082.42
2008	6" WATER MAIN	30	6	100	\$60.00	\$1,800.00	0.06	\$3.60	\$1,692.00
2007	8" WATER MAIN - RHOADES	1587	7	100	\$68.00	\$107,916.00	0.07	\$4.76	\$100,361.88

2007	8" FITTINGS - RHOADES	1	7	100	\$500.00	\$500.00	0.07	\$35.00	\$465.00
2007	8" WATER MAIN - WALNUT	1300	7	100	\$100.00	\$130,000.00	0.07	\$7.00	\$120,900.00
2007	6" WATER MAIN - SYLVAN LAKE	724	7	100	\$60.00	\$43,440.00	0.07	\$4.20	\$40,399.20
2007	6" FITTINGS - SYLVAN LAKE	10	7	100	\$375.00	\$3,750.00	0.07	\$26.25	\$3,487.50
2006	6" WATER MAIN	100	8	100	\$120.00	\$12,000.00	0.08	\$9.60	\$11,040.00
2005	6" WATER MAIN	80	9	100	\$120.00	\$9,600.00	0.09	\$10.80	\$8,736.00
2004	6" WATER MAIN	80	10	100	\$110.00	\$8,800.00	0.10	\$11.00	\$7,920.00
2003	6" WATER MAIN	75	11	100	\$110.00	\$8,250.00	0.11	\$12.10	\$7,342.50
2002	6" WATER MAIN	60	12	100	\$110.00	\$6,600.00	0.12	\$13.20	\$5,808.00
2001	6" WATER MAIN	100	13	100	\$110.00	\$11,000.00	0.13	\$14.30	\$9,570.00
2000	6" WATER MAIN	75	14	100	\$110.00	\$8,250.00	0.14	\$15.40	\$7,095.00
1999	6" WATER MAIN	600	15	100	\$110.00	\$66,000.00	0.15	\$16.50	\$56,100.00
1998	4" WATER MAIN	400	16	100	\$90.00	\$36,000.00	0.16	\$14.40	\$30,240.00
1997		0	17	100	\$0.00	\$0.00	0.17	\$0.00	\$0.00
1996	8" WATER MAIN	2180	18	100	\$115.00	\$250,700.00	0.18	\$20.70	\$205,574.00
1995		0	19	100	\$0.00	\$0.00	0.19	\$0.00	\$0.00
1994		0	20	100	\$0.00	\$0.00	0.20	\$0.00	\$0.00
1993		0	21	100	\$0.00	\$0.00	0.21	\$0.00	\$0.00
1992		0	22	100	\$0.00	\$0.00	0.22	\$0.00	\$0.00
1991		0	23	100	\$0.00	\$0.00	0.23	\$0.00	\$0.00
1990	8" WATER MAIN	800	24	100	\$115.00	\$92,000.00	0.24	\$27.60	\$69,920.00
1989	6" WATER MAIN	810	25	100	\$95.00	\$76,950.00	0.25	\$23.75	\$57,712.50
1988		0	26	100	\$0.00	\$0.00	0.26	\$0.00	\$0.00
1987		0	27	100	\$0.00	\$0.00	0.27	\$0.00	\$0.00
1986	6" WATER MAIN	800	28	100	\$95.00	\$76,000.00	0.28	\$26.60	\$54,720.00
1985		0	29	100	\$0.00	\$0.00	0.29	\$0.00	\$0.00
1984	6" WATER MAIN	1650	30	100	\$95.00	\$156,750.00	0.30	\$28.50	\$109,725.00
1983		0	31	100	\$0.00	\$0.00	0.31	\$0.00	\$0.00
1982		0	32	100	\$0.00	\$0.00	0.32	\$0.00	\$0.00
1981		0	33	100	\$0.00	\$0.00	0.33	\$0.00	\$0.00
1980		0	34	100	\$0.00	\$0.00	0.34	\$0.00	\$0.00
1979		0	35	100	\$0.00	\$0.00	0.35	\$0.00	\$0.00
1978		0	36	100	\$0.00	\$0.00	0.36	\$0.00	\$0.00
1977		0	37	100	\$0.00	\$0.00	0.37	\$0.00	\$0.00
1976		0	38	100	\$0.00	\$0.00	0.38	\$0.00	\$0.00
1975		0	39	100	\$0.00	\$0.00	0.39	\$0.00	\$0.00
1974	6" WATER MAIN	700	40	100	\$85.00	\$59,500.00	0.40	\$34.00	\$35,700.00
1973		0	41	100	\$0.00	\$0.00	0.41	\$0.00	\$0.00
1972		0	42	100	\$0.00	\$0.00	0.42	\$0.00	\$0.00

1971		0	43	100	\$0.00	\$0.00	0.43	\$0.00	\$0.00
1970		0	44	100	\$0.00	\$0.00	0.44	\$0.00	\$0.00
1969		0	45	100	\$0.00	\$0.00	0.45	\$0.00	\$0.00
1968	16" WATER MAIN	3000	46	100	\$110.00	\$330,000.00	0.46	\$50.60	\$178,200.00
1967		0	47	100	\$0.00	\$0.00	0.47	\$0.00	\$0.00
1966		0	48	100	\$0.00	\$0.00	0.48	\$0.00	\$0.00
1965	12" WATER MAIN	710	49	100	\$85.00	\$60,350.00	0.49	\$41.65	\$30,778.50
1964		0	50	100	\$0.00	\$0.00	0.50	\$0.00	\$0.00
1963		0	51	100	\$0.00	\$0.00	0.51	\$0.00	\$0.00
1962	12" WATER MAIN	3390	52	100	\$75.00	\$254,250.00	0.52	\$39.00	\$122,040.00
1962	8" WATER MAIN	3500	52	100	\$65.00	\$227,500.00	0.52	\$33.80	\$109,200.00
1962	6" WATER MAIN	1587	52	100	\$55.00	\$87,285.00	0.52	\$28.60	\$41,896.80
1962	4" WATER MAIN	6000	52	100	\$45.00	\$270,000.00	0.52	\$23.40	\$129,600.00
1961		0	53	100	\$0.00	\$0.00	0.53	\$0.00	\$0.00
1960	6" WATER MAIN	6075	54	100	\$50.00	\$303,750.00	0.54	\$27.00	\$139,725.00
1959		0	55	100	\$0.00	\$0.00	0.55	\$0.00	\$0.00
1958		0	56	100	\$0.00	\$0.00	0.56	\$0.00	\$0.00
1957		0	57	100	\$0.00	\$0.00	0.57	\$0.00	\$0.00
1956		0	58	100	\$0.00	\$0.00	0.58	\$0.00	\$0.00
1955	8" WATER MAIN	4920	59	100	\$55.00	\$270,600.00	0.59	\$32.45	\$110,946.00
1955	6" WATER MAIN	41500	59	100	\$45.00	\$1,867,500.00	0.59	\$26.55	\$765,675.00
1955	4" WATER MAIN	5000	59	100	\$35.00	\$175,000.00	0.59	\$20.65	\$71,750.00
1954		0	60	100	\$0.00	\$0.00	0.60	\$0.00	\$0.00
1953		0	61	100	\$0.00	\$0.00	0.61	\$0.00	\$0.00
1952		0	62	100	\$0.00	\$0.00	0.62	\$0.00	\$0.00
1951		0	63	100	\$0.00	\$0.00	0.63	\$0.00	\$0.00
1950		0	64	100	\$0.00	\$0.00	0.64	\$0.00	\$0.00
1949		0	65	100	\$0.00	\$0.00	0.65	\$0.00	\$0.00
1948		0	66	100	\$0.00	\$0.00	0.66	\$0.00	\$0.00
1947		0	67	100	\$0.00	\$0.00	0.67	\$0.00	\$0.00
1946		0	68	100	\$0.00	\$0.00	0.68	\$0.00	\$0.00
1945	12" WATER MAIN	3660	69	100	\$30.00	\$109,800.00	0.69	\$20.70	\$34,038.00
1945	10" WATER MAIN	4410	69	100	\$40.00	\$176,400.00	0.69	\$27.60	\$54,684.00
1945	8" WATER MAIN	3090	69	100	\$35.00	\$108,150.00	0.69	\$24.15	\$33,526.50
1945	6" WATER MAIN	33670	69	100	\$30.00	\$1,010,100.00	0.69	\$20.70	\$313,131.00
1945	4" WATER MAIN	6000	69	100	\$10.00	\$60,000.00	0.69	\$6.90	\$18,600.00
1944		0	70	100	\$0.00	\$0.00	0.70	\$0.00	\$0.00
1943		0	71	100	\$0.00	\$0.00	0.71	\$0.00	\$0.00
1942		0	72	100	\$0.00	\$0.00	0.72	\$0.00	\$0.00
1941		0	73	100	\$0.00	\$0.00	0.73	\$0.00	\$0.00
1940		0	74	100	\$0.00	\$0.00	0.74	\$0.00	\$0.00
1939		0	75	100	\$0.00	\$0.00	0.75	\$0.00	\$0.00
1938		0	76	100	\$0.00	\$0.00	0.76	\$0.00	\$0.00
1937		0	77	100	\$0.00	\$0.00	0.77	\$0.00	\$0.00

1936		0	78	100	\$0.00	\$0.00	0.78	\$0.00	\$0.00
1935	12" WATER MAIN	1650	79	100	\$15.00	\$24,750.00	0.79	\$11.85	\$5,197.50
1935	8" WATER MAIN	10000	79	100	\$12.00	\$120,000.00	0.79	\$9.48	\$25,200.00
1935	6" WATER MAIN	41917	79	100	\$10.00	\$419,170.00	0.79	\$7.90	\$88,025.70
1935	4" WATER MAIN	52942	79	100	\$5.00	\$264,710.00	0.79	\$3.95	\$55,589.10
1934		0	80	100	\$0.00	\$0.00	0.80	\$0.00	\$0.00
1933		0	81	100	\$0.00	\$0.00	0.81	\$0.00	\$0.00
1932		0	82	100	\$0.00	\$0.00	0.82	\$0.00	\$0.00
1931		0	83	100	\$0.00	\$0.00	0.83	\$0.00	\$0.00
1930		0	84	100	\$0.00	\$0.00	0.84	\$0.00	\$0.00
1929		0	85	100	\$0.00	\$0.00	0.85	\$0.00	\$0.00
1928		0	86	100	\$0.00	\$0.00	0.86	\$0.00	\$0.00
1927		0	87	100	\$0.00	\$0.00	0.87	\$0.00	\$0.00
1926		0	88	100	\$0.00	\$0.00	0.88	\$0.00	\$0.00
1925		0	89	100	\$0.00	\$0.00	0.89	\$0.00	\$0.00
1924		0	90	100	\$0.00	\$0.00	0.90	\$0.00	\$0.00
1923		0	91	100	\$0.00	\$0.00	0.91	\$0.00	\$0.00
1922		0	92	100	\$0.00	\$0.00	0.92	\$0.00	\$0.00
1921		0	93	100	\$0.00	\$0.00	0.93	\$0.00	\$0.00
1920		0	94	100	\$0.00	\$0.00	0.94	\$0.00	\$0.00
1919		0	95	100	\$0.00	\$0.00	0.95	\$0.00	\$0.00
1918		0	96	100	\$0.00	\$0.00	0.96	\$0.00	\$0.00
1917		0	97	100	\$0.00	\$0.00	0.97	\$0.00	\$0.00
1916		0	98	100	\$0.00	\$0.00	0.98	\$0.00	\$0.00
1915		0	99	100	\$0.00	\$0.00	0.99	\$0.00	\$0.00
1914		0	100	100	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1913		0	101	100	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1912		0	102	100	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1911		0	103	100	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1910		0	104	100	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1909		0	105	100	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1908		0	106	100	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1907		0	107	100	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1906		0	108	100	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1905		0	109	100	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1904		0	110	100	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1903		0	111	100	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1902		0	112	100	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1901		0	113	100	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1900	12" WATER MAIN	2400	114	100	\$10.00	\$24,000.00	1.00	\$10.00	\$0.00
		269279				\$9,630,014.00		\$4,102,781.65	\$5,527,232.35

**BOROUGH OF HADDONFIELD
WATER & SEWER SYSTEM
VALUATION ANALYSIS
UPDATED SEPTEMBER 2017**

WATER DISTRIBUTION SYSTEM

WATER VALVES									
YEAR OF PURCHASE	ITEM	# OF VALVES	AGE (YEARS)	LIFE	ORIGINAL UNIT COST	ORIGINAL COST	DEPRECIATION FACTOR	DEPRECIATION COST/UNIT	OCLD
2014	8" WATER VALVES	19	0	100	\$1,100.00	\$20,900.00	0	\$0.00	\$20,900.00
2014	6" WATER VALVES	1	0	100	\$900.00	\$900.00	0	\$0.00	\$900.00
2014	4" WATER VALVES	2	0	100	\$750.00	\$1,500.00	0	\$0.00	\$1,500.00
2014	8" WATER VALVES	6	0	100	\$2,500.00	\$15,000.00	0	\$0.00	\$15,000.00
2014	4" INSERTION VALVE	1	0	100	\$6,900.00	\$6,900.00	0	\$0.00	\$6,900.00
2013	8" WATER VALVES	30	1	100	\$2,200.00	\$66,000.00	0.01	\$22.00	\$65,340.00
2013	6" WATER VALVES	1	1	100	\$1,700.00	\$1,700.00	0.01	\$17.00	\$1,683.00
2012	8" WATER VALVES - CEDAR	8	2	100	\$900.00	\$7,200.00	0.02	\$18.00	\$7,056.00
2012	6" INSERTION VALVES - CEDAR	7	2	100	\$2,500.00	\$17,500.00	0.02	\$50.00	\$17,150.00
2012	CENTRE STREET - 8" WATER VALVES	4	2	100	\$1,400.00	\$5,600.00	0.02	\$28.00	\$5,488.00
2011		0	3	100	\$0.00	\$0.00	0.03	\$0.00	\$0.00
2011	8" WATER VALVE - TANNER	16	3	100	\$900.00	\$14,400.00	0.03	\$27.00	\$13,968.00
2011	8" WATER VALVES - WOODLAND	18	3	100	\$1,250.00	\$22,500.00	0.03	\$37.50	\$21,825.00
2009	8" WATER VALVES - REDMAN	6	5	100	\$1,300.00	\$7,800.00	0.05	\$65.00	\$7,410.00
2008	8" WATER VALVES	6	6	100	\$1,100.00	\$6,600.00	0.06	\$66.00	\$6,204.00
2008	12" WATER VALVES	2	6	100	\$6,000.00	\$12,000.00	0.06	\$360.00	\$11,280.00
2007	WALNUT AVE	8	7	100	\$2,850.00	\$22,800.00	0.07	\$199.50	\$21,204.00
2007	SYLVAN LAKE - 6" WATER VALVES	2	7	100	\$950.00	\$1,900.00	0.07	\$66.50	\$1,767.00
2007	RHOADES AVE	7	7	100	\$4,000.00	\$28,000.00	0.07	\$280.00	\$26,040.00
2006	6" WATER VALVES	6	8	100	\$1,200.00	\$7,200.00	0.08	\$96.00	\$6,624.00
2005		0	9	100	\$0.00	\$0.00	0.09	\$0.00	\$0.00
2004		0	10	100	\$0.00	\$0.00	0.10	\$0.00	\$0.00
2003		0	11	100	\$0.00	\$0.00	0.11	\$0.00	\$0.00
2002	6" WATER VALVES	4	12	100	\$1,200.00	\$4,800.00	0.12	\$144.00	\$4,224.00
2001		0	13	100	\$0.00	\$0.00	0.13	\$0.00	\$0.00
2000		0	14	100	\$0.00	\$0.00	0.14	\$0.00	\$0.00
1999	6" WATER VALVES	20	15	100	\$1,489.60	\$29,792.00	0.15	\$223.44	\$25,323.20
1998	4" WATER VALVES	15	16	100	\$1,396.50	\$20,947.50	0.16	\$223.44	\$17,595.90
1997		0	17	100	\$0.00	\$0.00	0.17	\$0.00	\$0.00
1996	8" WATER VALVES	10	18	100	\$2,250.00	\$22,500.00	0.18	\$405.00	\$18,450.00
1995		0	19	100	\$0.00	\$0.00	0.19	\$0.00	\$0.00
1994		0	20	100	\$0.00	\$0.00	0.20	\$0.00	\$0.00
1993		0	21	100	\$0.00	\$0.00	0.21	\$0.00	\$0.00
1992	8" WATER VALVES	2	22	100	\$2,000.00	\$4,000.00	0.22	\$440.00	\$3,120.00
1992	6" WATER VALVES	1	22	100	\$1,280.00	\$1,280.00	0.22	\$281.60	\$998.40
1992	4" WATER VALVES	2	22	100	\$1,200.00	\$2,400.00	0.22	\$264.00	\$1,872.00
1991		0	23	100	\$0.00	\$0.00	0.23	\$0.00	\$0.00
1990	6" WATER VALVES	4	24	100	\$1,216.00	\$4,864.00	0.24	\$291.84	\$3,696.64
1989	8" WATER VALVES	10	25	100	\$1,875.00	\$18,750.00	0.25	\$468.75	\$14,062.50

1989		0	25	100	\$0.00	\$0.00	0.25	\$0.00	\$0.00
1989		0	25	100	\$0.00	\$0.00	0.25	\$0.00	\$0.00
1988		0	26	100	\$0.00	\$0.00	0.26	\$0.00	\$0.00
1987		0	27	100	\$0.00	\$0.00	0.27	\$0.00	\$0.00
1986	6" WATER VALVES	6	28	100	\$1,056.00	\$6,336.00	0.28	\$295.68	\$4,561.92
1986		0	28	100	\$0.00	\$0.00	0.28	\$0.00	\$0.00
1986		0	28	100	\$0.00	\$0.00	0.28	\$0.00	\$0.00
1985		0	29	100	\$0.00	\$0.00	0.29	\$0.00	\$0.00
1984	8" WATER VALVES	6	30	100	\$1,600.00	\$9,600.00	0.30	\$480.00	\$6,720.00
1984		0	30	100	\$0.00	\$0.00	0.30	\$0.00	\$0.00
1983		0	31	100	\$0.00	\$0.00	0.31	\$0.00	\$0.00
1982		0	32	100	\$0.00	\$0.00	0.32	\$0.00	\$0.00
1981		0	33	100	\$0.00	\$0.00	0.33	\$0.00	\$0.00
1980		0	34	100	\$0.00	\$0.00	0.34	\$0.00	\$0.00
1979		0	35	100	\$0.00	\$0.00	0.35	\$0.00	\$0.00
1978		0	36	100	\$0.00	\$0.00	0.36	\$0.00	\$0.00
1977		0	37	100	\$0.00	\$0.00	0.37	\$0.00	\$0.00
1976		0	38	100	\$0.00	\$0.00	0.38	\$0.00	\$0.00
1975		0	39	100	\$0.00	\$0.00	0.39	\$0.00	\$0.00
1974	6" WATER VALVES	5	40	100	\$608.00	\$3,040.00	0.40	\$243.20	\$1,824.00
1973		0	41	100	\$0.00	\$0.00	0.41	\$0.00	\$0.00
1972		0	42	100	\$0.00	\$0.00	0.42	\$0.00	\$0.00
1971		0	43	100	\$0.00	\$0.00	0.43	\$0.00	\$0.00
1970		0	44	100	\$0.00	\$0.00	0.44	\$0.00	\$0.00
1969		0	45	100	\$0.00	\$0.00	0.45	\$0.00	\$0.00
1968	16" WATER VALVES	8	46	100	\$1,500.00	\$12,000.00	0.46	\$690.00	\$6,480.00
1967		0	47	100	\$0.00	\$0.00	0.47	\$0.00	\$0.00
1966		0	48	100	\$0.00	\$0.00	0.48	\$0.00	\$0.00
1965	12" WATER VALVES	5	49	100	\$1,250.00	\$6,250.00	0.49	\$612.50	\$3,187.50
1964		0	50	100	\$0.00	\$0.00	0.50	\$0.00	\$0.00
1963		0	51	100	\$0.00	\$0.00	0.51	\$0.00	\$0.00
1962	12" WATER VALVES	13	52	100	\$1,000.00	\$13,000.00	0.52	\$520.00	\$6,240.00
1962	8" WATER VALVES	11	52	100	\$500.00	\$5,500.00	0.52	\$260.00	\$2,640.00
1962	6" WATER VALVES	3	52	100	\$320.00	\$960.00	0.52	\$166.40	\$460.80
1962	4" WATER VALVES	2	52	100	\$300.00	\$600.00	0.52	\$156.00	\$288.00
1961		0	53	100	\$0.00	\$0.00	0.53	\$0.00	\$0.00
1960	6" WATER VALVES	22	54	100	\$288.00	\$6,336.00	0.54	\$155.52	\$2,914.56
1959		0	55	100	\$0.00	\$0.00	0.55	\$0.00	\$0.00
1958		0	56	100	\$0.00	\$0.00	0.56	\$0.00	\$0.00
1957		0	57	100	\$0.00	\$0.00	0.57	\$0.00	\$0.00
1956		0	58	100	\$0.00	\$0.00	0.58	\$0.00	\$0.00
1955	8" WATER VALVES	16	59	100	\$425.00	\$6,800.00	0.59	\$250.75	\$2,788.00
1955	6" WATER VALVES	40	59	100	\$272.00	\$10,880.00	0.59	\$160.48	\$4,460.80
1955	4" WATER VALVES	6	59	100	\$255.00	\$1,530.00	0.59	\$150.45	\$627.30
1954		0	60	100	\$0.00	\$0.00	0.60	\$0.00	\$0.00
1953		0	61	100	\$0.00	\$0.00	0.61	\$0.00	\$0.00
1952		0	62	100	\$0.00	\$0.00	0.62	\$0.00	\$0.00
1951		0	63	100	\$0.00	\$0.00	0.63	\$0.00	\$0.00
1950		0	64	100	\$0.00	\$0.00	0.64	\$0.00	\$0.00
1949		0	65	100	\$0.00	\$0.00	0.65	\$0.00	\$0.00
1948		0	66	100	\$0.00	\$0.00	0.66	\$0.00	\$0.00
1947		0	67	100	\$0.00	\$0.00	0.67	\$0.00	\$0.00
1946		0	68	100	\$0.00	\$0.00	0.68	\$0.00	\$0.00
1945	8" WATER VALVES	11	69	100	\$175.00	\$1,925.00	0.69	\$120.75	\$596.75

1945	6" WATER VALVES	33	69	100	\$112.00	\$3,696.00	0.69	\$77.28	\$1,145.76
1944	4" WATER VALVES	6	69	100	\$105.00	\$630.00	0.69	\$72.45	\$195.30
1944		0	70	100	\$0.00	\$0.00	0.70	\$0.00	\$0.00
1943		0	71	100	\$0.00	\$0.00	0.71	\$0.00	\$0.00
1942		0	72	100	\$0.00	\$0.00	0.72	\$0.00	\$0.00
1941		0	73	100	\$0.00	\$0.00	0.73	\$0.00	\$0.00
1940		0	74	100	\$0.00	\$0.00	0.74	\$0.00	\$0.00
1939		0	75	100	\$0.00	\$0.00	0.75	\$0.00	\$0.00
1938		0	76	100	\$0.00	\$0.00	0.76	\$0.00	\$0.00
1937		0	77	100	\$0.00	\$0.00	0.77	\$0.00	\$0.00
1936		0	78	100	\$0.00	\$0.00	0.78	\$0.00	\$0.00
1935	8" WATER VALVES	4	79	100	\$125.00	\$500.00	0.79	\$98.75	\$105.00
1935	6" WATER VALVES	13	79	100	\$80.00	\$1,040.00	0.79	\$63.20	\$218.40
1935	4" WATER VALVES	10	79	100	\$75.00	\$750.00	0.79	\$59.25	\$157.50
1934		0	80	100	\$0.00	\$0.00	0.80	\$0.00	\$0.00
1933		0	81	100	\$0.00	\$0.00	0.81	\$0.00	\$0.00
1932		0	82	100	\$0.00	\$0.00	0.82	\$0.00	\$0.00
1931		0	83	100	\$0.00	\$0.00	0.83	\$0.00	\$0.00
1930		0	84	100	\$0.00	\$0.00	0.84	\$0.00	\$0.00
1929		0	85	100	\$0.00	\$0.00	0.85	\$0.00	\$0.00
1928		0	86	100	\$0.00	\$0.00	0.86	\$0.00	\$0.00
1927		0	87	100	\$0.00	\$0.00	0.87	\$0.00	\$0.00
1926		0	88	100	\$0.00	\$0.00	0.88	\$0.00	\$0.00
1925		0	89	100	\$0.00	\$0.00	0.89	\$0.00	\$0.00
1924		0	90	100	\$0.00	\$0.00	0.90	\$0.00	\$0.00
1923		0	91	100	\$0.00	\$0.00	0.91	\$0.00	\$0.00
1922		0	92	100	\$0.00	\$0.00	0.92	\$0.00	\$0.00
1921		0	93	100	\$0.00	\$0.00	0.93	\$0.00	\$0.00
1920		0	94	100	\$0.00	\$0.00	0.94	\$0.00	\$0.00
1919		0	95	100	\$0.00	\$0.00	0.95	\$0.00	\$0.00
1918		0	96	100	\$0.00	\$0.00	0.96	\$0.00	\$0.00
1917		0	97	100	\$0.00	\$0.00	0.97	\$0.00	\$0.00
1916		0	98	100	\$0.00	\$0.00	0.98	\$0.00	\$0.00
1915		0	99	100	\$0.00	\$0.00	0.99	\$0.00	\$0.00
1914		0	100	100	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1913		0	101	100	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1912		0	102	100	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1911		0	103	100	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1910		0	104	100	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1909		0	105	100	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1908		0	106	100	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1907		0	107	100	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1906		0	108	100	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1905		0	109	100	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1904		0	110	100	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1903		0	111	100	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1902		0	112	100	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1901		0	113	100	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1900	12" WATER VALVES	2	114	100	\$100.00	\$200.00	1.00	\$100.00	\$0.00
		440				\$467,306.50		\$74,113.27	\$393,193.23

**BOROUGH OF HADDONFIELD
WATER & SEWER SYSTEM
VALUATION ANALYSIS
UPDATED SEPTEMBER 2017**

WATER DISTRIBUTION SYSTEM

FIRE HYDRANTS									
YEAR OF PURCHASE	ITEM	# OF HYDRANTS	AGE (YEARS)	LIFE	ORIGINAL UNIT COST	ORIGINAL COST	DEPRECIATION FACTOR	DEPRECIATION COST/UNIT	OCLD
2014	FIRE HYDRANT	6	0	75	\$5,000.00	\$30,000.00	0	\$0.00	\$30,000.00
2014	2014 UTILITY PROGRAM	3	0	75	\$6,000.00	\$18,000.00	0	\$0.00	\$18,000.00
2013	2013 UTILITY PROGRAM	7	1	75	\$6,500.00	\$45,500.00	0.01	\$86.67	\$44,893.33
2012		5	2	75	\$3,500.00	\$17,500.00	0.03	\$93.33	\$17,033.33
2012	CENTRE STREET	2	2	75	\$4,000.00	\$8,000.00	0.03	\$106.67	\$7,786.67
2011		2	3	75	\$6,000.00	\$12,000.00	0.04	\$240.00	\$11,520.00
2011	WOODLAND/TANNER	8	3	75	\$4,000.00	\$32,000.00	0.04	\$160.00	\$30,720.00
2009		3	5	75	\$5,500.00	\$16,500.00	0.07	\$366.67	\$15,400.00
2008	COLONIAL /LAKE	2	6	75	\$7,400.00	\$14,800.00	0.08	\$592.00	\$13,616.00
2007	RHOADES AVE	3	7	75	\$7,500.00	\$22,500.00	0.09	\$700.00	\$20,400.00
2007	WALNUT AVE	4	7	75	\$3,500.00	\$14,000.00	0.09	\$326.67	\$12,693.33
2007	SYLVAN LAKE	1	7	75	\$3,500.00	\$3,500.00	0.09	\$326.67	\$3,173.33
2006		6	8	75	\$0.00	\$0.00	0.11	\$0.00	\$0.00
2005		0	9	75	\$0.00	\$0.00	0.12	\$0.00	\$0.00
2004		0	10	75	\$0.00	\$0.00	0.13	\$0.00	\$0.00
2003		0	11	75	\$0.00	\$0.00	0.15	\$0.00	\$0.00
2002		6	12	75	\$5,000.00	\$30,000.00	0.16	\$800.00	\$25,200.00
2001		5	13	75	\$6,000.00	\$30,000.00	0.17	\$1,040.00	\$24,800.00
2000		5	14	75	\$5,820.00	\$29,100.00	0.19	\$1,086.40	\$23,668.00
1999		3	15	75	\$5,640.00	\$16,920.00	0.20	\$1,128.00	\$13,536.00
1998		5	16	75	\$5,460.00	\$27,300.00	0.21	\$1,164.80	\$21,476.00
1997		5	17	75	\$5,280.00	\$26,400.00	0.23	\$1,196.80	\$20,416.00
1996		5	18	75	\$4,500.00	\$22,500.00	0.24	\$1,080.00	\$17,100.00
1995		5	19	75	\$4,380.00	\$21,900.00	0.25	\$1,109.60	\$16,352.00
1994		6	20	75	\$4,320.00	\$25,920.00	0.27	\$1,152.00	\$19,008.00
1993		7	21	75	\$4,260.00	\$29,820.00	0.28	\$1,192.80	\$21,470.40
1992		15	22	75	\$4,200.00	\$63,000.00	0.29	\$1,232.00	\$44,520.00
1991		3	23	75	\$4,140.00	\$12,420.00	0.31	\$1,269.60	\$8,611.20
1990		5	24	75	\$4,020.00	\$20,100.00	0.32	\$1,286.40	\$13,668.00
1989		6	25	75	\$3,840.00	\$23,040.00	0.33	\$1,280.00	\$15,360.00
1988		6	26	75	\$3,540.00	\$21,240.00	0.35	\$1,227.20	\$13,876.80
1987		6	27	75	\$3,420.00	\$20,520.00	0.36	\$1,231.20	\$13,132.80
1986		6	28	75	\$3,300.00	\$19,800.00	0.37	\$1,232.00	\$12,408.00
1985		3	29	75	\$0.00	\$0.00	0.39	\$0.00	\$0.00
1984		2	30	75	\$0.00	\$0.00	0.40	\$0.00	\$0.00
1984		6	30	75	\$0.00	\$0.00	0.40	\$0.00	\$0.00
1983		3	31	75	\$0.00	\$0.00	0.41	\$0.00	\$0.00
1982		0	32	75	\$0.00	\$0.00	0.43	\$0.00	\$0.00
1981		0	33	75	\$0.00	\$0.00	0.44	\$0.00	\$0.00

1980		0	34	75	\$0.00	\$0.00	0.45	\$0.00	\$0.00
1979		0	35	75	\$0.00	\$0.00	0.47	\$0.00	\$0.00
1978		0	36	75	\$0.00	\$0.00	0.48	\$0.00	\$0.00
1977		3	37	75	\$1,860.00	\$5,580.00	0.49	\$917.60	\$2,827.20
1976		3	38	75	\$1,740.00	\$5,220.00	0.51	\$881.60	\$2,575.20
1975		0	39	75	\$0.00	\$0.00	0.52	\$0.00	\$0.00
1974		4	40	75	\$1,140.00	\$4,560.00	0.53	\$608.00	\$2,128.00
1973		0	41	75	\$0.00	\$0.00	0.55	\$0.00	\$0.00
1972		0	42	75	\$0.00	\$0.00	0.56	\$0.00	\$0.00
1971		0	43	75	\$0.00	\$0.00	0.57	\$0.00	\$0.00
1970		0	44	75	\$0.00	\$0.00	0.59	\$0.00	\$0.00
1969		0	45	75	\$0.00	\$0.00	0.60	\$0.00	\$0.00
1968		0	46	75	\$0.00	\$0.00	0.61	\$0.00	\$0.00
1967		0	47	75	\$0.00	\$0.00	0.63	\$0.00	\$0.00
1966		0	48	75	\$0.00	\$0.00	0.64	\$0.00	\$0.00
1965		10	49	75	\$660.00	\$6,600.00	0.65	\$431.20	\$2,288.00
1964		0	50	75	\$0.00	\$0.00	0.67	\$0.00	\$0.00
1963		0	51	75	\$0.00	\$0.00	0.68	\$0.00	\$0.00
1962		15	52	75	\$642.00	\$9,630.00	0.69	\$445.12	\$2,953.20
1961		0	53	75	\$0.00	\$0.00	0.71	\$0.00	\$0.00
1960		20	54	75	\$600.00	\$12,000.00	0.72	\$432.00	\$3,360.00
1959		0	55	75	\$0.00	\$0.00	0.73	\$0.00	\$0.00
1958		0	56	75	\$0.00	\$0.00	0.75	\$0.00	\$0.00
1957		0	57	75	\$0.00	\$0.00	0.76	\$0.00	\$0.00
1956		0	58	75	\$0.00	\$0.00	0.77	\$0.00	\$0.00
1955		35	59	75	\$480.00	\$16,800.00	0.79	\$377.60	\$3,584.00
1954		0	60	75	\$0.00	\$0.00	0.80	\$0.00	\$0.00
1953		10	61	75	\$480.00	\$4,800.00	0.81	\$390.40	\$896.00
1952		0	62	75	\$0.00	\$0.00	0.83	\$0.00	\$0.00
1951		0	63	75	\$0.00	\$0.00	0.84	\$0.00	\$0.00
1950		0	64	75	\$0.00	\$0.00	0.85	\$0.00	\$0.00
1949		0	65	75	\$0.00	\$0.00	0.87	\$0.00	\$0.00
1948		5	66	75	\$360.00	\$1,800.00	0.88	\$316.80	\$216.00
1947		0	67	75	\$0.00	\$0.00	0.89	\$0.00	\$0.00
1946		0	68	75	\$0.00	\$0.00	0.91	\$0.00	\$0.00
1945		20	69	75	\$360.00	\$7,200.00	0.92	\$331.20	\$576.00
1944		0	70	75	\$0.00	\$0.00	0.93	\$0.00	\$0.00
1943		0	71	75	\$0.00	\$0.00	0.95	\$0.00	\$0.00
1942		0	72	75	\$0.00	\$0.00	0.96	\$0.00	\$0.00
1941		0	73	75	\$0.00	\$0.00	0.97	\$0.00	\$0.00
1940		10	74	75	\$300.00	\$3,000.00	0.99	\$296.00	\$40.00
1939		0	75	75	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1938		0	76	75	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1937		0	77	75	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1936		0	78	75	\$0.00	\$0.00	1.00	\$0.00	\$0.00

1935		7	79	75	\$240.00	\$1,680.00	1.00	\$240.00	\$0.00
1934		0	80	75	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1933		0	81	75	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1932		0	82	75	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1931		0	83	75	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1930		5	84	75	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1929		0	85	75	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1928		0	86	75	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1927		0	87	75	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1926		0	88	75	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1925		2	89	75	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1924		0	90	75	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1923		0	91	75	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1922		0	92	75	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1921		0	93	75	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1920		0	94	75	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1919		0	95	75	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1918		0	96	75	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1917		0	97	75	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1916		0	98	75	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1915		0	99	75	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1914		0	100	75	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1913		0	101	75	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1912		0	102	75	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1911		0	103	75	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1910		0	104	75	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1909		0	105	75	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1908		0	106	75	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1907		0	107	75	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1906		0	108	75	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1905		0	109	75	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1904		0	110	75	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1903		0	111	75	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1902		0	112	75	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1901		0	113	75	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1900		1	114	75	\$60.00	\$500.00	1.00	\$60.00	\$0.00
		315				\$753,650.00		\$182,367.20	\$571,282.80

**BOROUGH OF HADDONFIELD
WATER & SEWER SYSTEM
VALUATION ANALYSIS
UPDATED SEPTEMBER 2017**

SANITARY SYSTEM FACILITIES

YEAR OF PURCHASE		AGE (YEARS)	ORIGINAL COST	LIFE	DEPRECIATION FACTOR	DEPRECIATION COST	OCLD
GROVE STREET PUMP STATION							
1925	PUMP STATION BUILDING	89	\$8,000.00	100	0.89	\$7,120.00	\$880.00
1925	WET WELL & EQUIPMENT	89	\$10,000.00	100	0.89	\$8,900.00	\$1,100.00
1979	PUMP & CONTROLS	35	\$15,000.00	30	1.00	\$15,000.00	\$0.00
2012	ELECTRICAL UPGRADES	2	\$16,000.00	75	0.03	\$426.67	\$15,573.33
2010	EMERGENCY BYPASS PUMP INSTALLATION	4	\$149,125.00	75	0.05	\$7,953.33	\$141,171.67
COLES MILL PUMP STATION							
1955	PUMP STATION BUILDING BUILDING	59	\$4,000.00	100	0.59	\$2,360.00	\$1,640.00
1955	WET WELL & EQUIPMENT	59	\$10,500.00	100	0.59	\$6,195.00	\$4,305.00
1955	PUMP & CONTROLS	59	\$8,000.00	30	1.00	\$8,000.00	\$0.00
2012	PUMP REPLACEMENT (1)	2	\$16,500.00	30	0.07	\$1,100.00	\$15,400.00
ELM STREET PUMP STATION							
1925	PUMP STATION BUILDING	89	\$8,000.00	100	0.89	\$7,120.00	\$880.00
1925	WET WELL & EQUIPMENT	89	\$10,000.00	100	0.89	\$8,900.00	\$1,100.00
1980	PUMPS & CONTROLS	34	\$15,000.00	30	1.00	\$15,000.00	\$0.00
2010	EMERGENCY BYPASS PUMP INSTALLATION	4	\$149,125.00	75	0.05	\$7,953.33	\$141,171.67
ROBERTS AVE PUMP STATION							
1924	PUMP STATION BUILDING	90	\$10,000.00	100	0.90	\$9,000.00	\$1,000.00
1924	WET WELL & EQUIPMENT	90	\$4,000.00	100	0.90	\$3,600.00	\$400.00
1976	PUMPS AND CONTROLS	38	\$6,000.00	30	1.00	\$6,000.00	\$0.00
2010	PUMP REBUILD (1)	4	\$12,000.00	12	0.33	\$4,000.00	\$8,000.00
EUCLID AVE PUMP STATION							
1965	BELOW GRADE PUMP STATION, WET WELL, CONTROLS AND EMERGENCY CONNECTION TO PATCO	49	\$110,000.00	100	0.49	\$53,900.00	\$56,100.00
2008	FAIRBANKS MORSE PUMP REPLACEMENT	6	\$29,228.00	30	0.20	\$5,845.60	\$23,382.40
2012	STRUCTURE IMPROVEMENTS, ELECTRICAL UPGRADES, GRINDER INSTALL, SITE FENCE, DRIVEWAY	2	\$320,000.00	100	0.02	\$6,400.00	\$313,600.00
2012	PUMP REPLACEMENT (1), PIPING IMPROVEMENTS & VALVE REPLACEMENTS	2	\$42,000.00	30	0.07	\$2,800.00	\$39,200.00
2012	EMERGENCY BYPASS PUMP INSTALLATION	2	\$125,000.00	75	0.03	\$3,333.33	\$121,666.67
2011	PUMP REPLACEMENT (1) & VALVE REPLACEMENTS	3	\$36,400.00	30	0.10	\$3,640.00	\$32,760.00
2012	LANDSCAPING AND ACCESS IMPROVEMENTS	2	\$10,000.00	100	0.02	\$200.00	\$9,800.00
CENTRE STREET PUMP STATION							
2008	CONSTRUCTION OF NEW PUMP STATION	6	\$555,515.00	100	0.06	\$33,330.90	\$522,184.10
			\$1,679,393.00			\$228,078.17	\$1,451,314.83

**BOROUGH OF HADDONFIELD
WATER & SEWER SYSTEM
VALUATION ANALYSIS
UPDATED SEPTEMBER 2017**

SANITARY CONVEYANCE SYSTEM

SANITARY LATERALS

YEAR OF PURCHASE	ITEM	# OF ITEMS	AGE (YEARS)	LIFE	ORIGINAL UNIT COST	ORIGINAL COST	DEPRECIATION FACTOR	DEPRECIATION COST/UNIT	OCLD
2014	SANITARY LATERALS- DEEP CUT- 2014 UTILITY PROGRAM	27	0	75	\$1,200.00	\$32,400.00	0	\$0.00	\$32,400.00
2014	SANITARY LATERALS- HOUSE CONNECTIONS- 2014 UTILITY PROGRAM	22	0	75	\$1,200.00	\$26,400.00	0	\$0.00	\$26,400.00
2014	SANITARY LATERAL -4" DEEP CUT - GROVE STREET	7	0	75	\$4,500.00	\$31,500.00	0	\$0.00	\$31,500.00
2014	SANITARY LATERAL - 6" DEEP CUT - GROVE STREET	1	0	75	\$6,500.00	\$6,500.00	0	\$0.00	\$6,500.00
2013	4" DEEP CUT LATERALS	64	1	75	\$1,000.00	\$64,000.00	0.01	\$13.33	\$63,146.67
2013	4" HOUSE CONNECTIONS	24	1	75	\$800.00	\$19,200.00	0.01	\$10.67	\$18,944.00
2013	6" HOUSE CONNECTION	1	1	75	\$900.00	\$900.00	0.01	\$12.00	\$888.00
2012	RESIDENTIAL DEEP CONNECTION - SANITARY EXTENSION PHASE III	22	2	75	\$1,000.00	\$22,000.00	0.03	\$26.67	\$21,413.33
2012	CENTRE STREET	9	2	75	\$1,400.00	\$12,600.00	0.03	\$37.33	\$12,264.00
2012	RESIDENTIAL DEEP CONNECTION - SANITARY EXTENSION PHASE II	20	2	75	\$1,500.00	\$30,000.00	0.03	\$40.00	\$29,200.00
2011	SANITARY LATERAL - STATION AVENUE	7	3	75	\$750.00	\$5,250.00	0.04	\$30.00	\$5,040.00
2011	WOODLAND	9	3	75	\$1,100.00	\$9,900.00	0.04	\$44.00	\$9,504.00
2011	TANNER - 4"	17	3	75	\$1,300.00	\$22,100.00	0.04	\$52.00	\$21,216.00
2011	TANNER - 4" TO TCP	20	3	75	\$4,000.00	\$80,000.00	0.04	\$160.00	\$76,800.00
2010	KINGS COURT	2	4	75	\$1,500.00	\$3,000.00	0.05	\$80.00	\$2,840.00
2010	CHESTNUT / REDMAN	65	4	75	\$1,500.00	\$97,500.00	0.05	\$80.00	\$92,300.00
2009	COLONIAL/LAKE	63	5	75	\$1,150.00	\$72,450.00	0.07	\$76.67	\$67,620.00

2008	WESTMINSTER	25	6	75	\$1,350.00	\$33,750.00	0.08	\$108.00	\$31,050.00
2007	SYLVAN LAKE	2	7	75	\$2,000.00	\$4,000.00	0.09	\$186.67	\$3,626.67
2007	RHOADES AVE	53	7	75	\$950.00	\$50,350.00	0.09	\$88.67	\$45,650.67
2006		15	8	75	\$1,500.00	\$22,500.00	0.11	\$160.00	\$20,100.00
2005		45	9	75	\$1,400.00	\$63,000.00	0.12	\$168.00	\$55,440.00
2004		45	10	75	\$1,400.00	\$63,000.00	0.13	\$186.67	\$54,600.00
2003		67	11	75	\$1,400.00	\$93,800.00	0.15	\$205.33	\$80,042.67
2002		60	12	75	\$1,400.00	\$84,000.00	0.16	\$224.00	\$70,560.00
2001		60	13	75	\$1,400.00	\$84,000.00	0.17	\$242.67	\$69,440.00
2000		60	14	75	\$1,372.00	\$82,320.00	0.19	\$256.11	\$66,953.60
1999		30	15	75	\$1,340.92	\$40,227.60	0.20	\$268.18	\$32,182.08
1998		30	16	75	\$1,311.10	\$39,333.00	0.21	\$279.70	\$30,941.96
1997		30	17	75	\$1,281.98	\$38,459.40	0.23	\$290.58	\$29,741.94
1996		30	18	75	\$1,257.06	\$37,711.80	0.24	\$301.69	\$28,660.97
1995		35	19	75	\$1,208.90	\$42,311.50	0.25	\$306.25	\$31,592.59
1994		35	20	75	\$1,190.28	\$41,659.80	0.27	\$317.41	\$30,550.52
1993		32	21	75	\$1,162.14	\$37,188.48	0.28	\$325.40	\$26,775.71
1992		43	22	75	\$1,107.12	\$47,606.16	0.29	\$324.76	\$33,641.69
1991		45	23	75	\$1,070.02	\$48,150.90	0.31	\$328.14	\$33,384.62
1990		75	24	75	\$1,045.52	\$78,414.00	0.32	\$334.57	\$53,321.52
1989		43	25	75	\$1,026.20	\$44,126.60	0.33	\$342.07	\$29,417.73
1988		43	26	75	\$1,026.20	\$44,126.60	0.35	\$355.75	\$28,829.38
1987		44	27	75	\$994.00	\$43,736.00	0.36	\$357.84	\$27,991.04
1986		43	28	75	\$980.00	\$42,140.00	0.37	\$365.87	\$26,407.73
1985		50	29	75	\$952.28	\$47,614.00	0.39	\$368.21	\$29,203.25
1984		43	30	75	\$924.28	\$39,744.04	0.40	\$369.71	\$23,846.42
1983		43	31	75	\$910.00	\$39,130.00	0.41	\$376.13	\$22,956.27
1982		32	32	75	\$906.92	\$29,021.44	0.43	\$386.95	\$16,638.96
1981		43	33	75	\$864.50	\$37,173.50	0.44	\$380.38	\$20,817.16
1980		30	34	75	\$728.00	\$21,840.00	0.45	\$330.03	\$11,939.20
1979		30	35	75	\$686.00	\$20,580.00	0.47	\$320.13	\$10,976.00
1978		30	36	75	\$686.00	\$20,580.00	0.48	\$329.28	\$10,701.60
1977		30	37	75	\$672.00	\$20,160.00	0.49	\$331.52	\$10,214.40
1976		30	38	75	\$672.00	\$20,160.00	0.51	\$340.48	\$9,945.60

1945		0	69	75		\$0.00	0.92	\$0.00	\$0.00
1944		0	70	75		\$0.00	0.93	\$0.00	\$0.00
1943		0	71	75		\$0.00	0.95	\$0.00	\$0.00
1942		0	72	75		\$0.00	0.96	\$0.00	\$0.00
1941		0	73	75		\$0.00	0.97	\$0.00	\$0.00
1940		0	74	75		\$0.00	0.99	\$0.00	\$0.00
1939		0	75	75		\$0.00	1.00	\$0.00	\$0.00
1938		0	76	75		\$0.00	1.00	\$0.00	\$0.00
1937		0	77	75		\$0.00	1.00	\$0.00	\$0.00
1936		1271	78	75	\$42.00	\$53,382.00	1.00	\$42.00	\$0.00
1935		0	79	75		\$0.00	1.00	\$0.00	\$0.00
1934		0	80	75		\$0.00	1.00	\$0.00	\$0.00
1933		0	81	75		\$0.00	1.00	\$0.00	\$0.00
1932		0	82	75		\$0.00	1.00	\$0.00	\$0.00
1931		0	83	75		\$0.00	1.00	\$0.00	\$0.00
1930		0	84	75		\$0.00	1.00	\$0.00	\$0.00
1929		0	85	75		\$0.00	1.00	\$0.00	\$0.00
1928		0	86	75		\$0.00	1.00	\$0.00	\$0.00
1927		0	87	75		\$0.00	1.00	\$0.00	\$0.00
1926		0	88	75		\$0.00	1.00	\$0.00	\$0.00
1925		0	89	75		\$0.00	1.00	\$0.00	\$0.00
1924		0	90	75		\$0.00	1.00	\$0.00	\$0.00
1923		0	91	75		\$0.00	1.00	\$0.00	\$0.00
1922		0	92	75		\$0.00	1.00	\$0.00	\$0.00
1921		0	93	75		\$0.00	1.00	\$0.00	\$0.00
1920		0	94	75		\$0.00	1.00	\$0.00	\$0.00
1919		0	95	75		\$0.00	1.00	\$0.00	\$0.00
1918		0	96	75		\$0.00	1.00	\$0.00	\$0.00
1917		0	97	75		\$0.00	1.00	\$0.00	\$0.00
1916		0	98	75		\$0.00	1.00	\$0.00	\$0.00
1915		0	99	75		\$0.00	1.00	\$0.00	\$0.00
1914		0	100	75		\$0.00	1.00	\$0.00	\$0.00
1913		0	101	75		\$0.00	1.00	\$0.00	\$0.00
1912		0	102	75		\$0.00	1.00	\$0.00	\$0.00
1911		0	103	75		\$0.00	1.00	\$0.00	\$0.00
1910		0	104	75		\$0.00	1.00	\$0.00	\$0.00
1909		0	105	75		\$0.00	1.00	\$0.00	\$0.00
1908		0	106	75		\$0.00	1.00	\$0.00	\$0.00
1907		0	107	75		\$0.00	1.00	\$0.00	\$0.00
1906		0	108	75		\$0.00	1.00	\$0.00	\$0.00
1905		0	109	75		\$0.00	1.00	\$0.00	\$0.00
1904		0	110	75		\$0.00	1.00	\$0.00	\$0.00
1903		0	111	75		\$0.00	1.00	\$0.00	\$0.00
1902		0	112	75		\$0.00	1.00	\$0.00	\$0.00
1901		0	113	75		\$0.00	1.00	\$0.00	\$0.00
		4505				\$2,312,134.66		\$642,738.97	\$1,669,395.69

2010	10" DUCTILE IRON SEWER-SANITARY EXTENSION PHASE I	190	4	100	\$180.00	\$34,200.00	0.04	\$7.20	\$32,832.00
2010	12" PVC SANITARY SEWER	345	4	100	\$160.00	\$55,200.00	0.04	\$6.40	\$52,992.00
2010	12" DUCTILE IRON SANITARY	270	4	100	\$186.00	\$50,220.00	0.04	\$7.44	\$48,211.20
2011	WOODLAND/TANNER	3800	3	100	\$135.00	\$513,000.00	0.03	\$4.05	\$497,610.00
2010	KINGS COURT	323	4	100	\$130.00	\$41,990.00	0.04	\$5.20	\$40,310.40
2010		200	4	100	\$120.00	\$24,000.00	0.04	\$4.80	\$23,040.00
2009		1250	5	100	\$120.00	\$150,000.00	0.05	\$6.00	\$142,500.00
2008		1800	6	100	\$120.00	\$216,000.00	0.06	\$7.20	\$203,040.00
2007	RHOADES	1369	7	100	\$55.00	\$75,295.00	0.07	\$3.85	\$70,024.35
2007	WESTMINSTER	1200	7	100	\$110.00	\$132,000.00	0.07	\$7.70	\$122,760.00
2006		100	8	100	\$110.00	\$11,000.00	0.08	\$8.80	\$10,120.00
2005		100	9	100	\$110.00	\$11,000.00	0.09	\$9.90	\$10,010.00
2004		100	10	100	\$110.00	\$11,000.00	0.10	\$11.00	\$9,900.00
2003		0	11	100	\$0.00	\$0.00	0.11	\$0.00	\$0.00
2002		0	12	100	\$0.00	\$0.00	0.12	\$0.00	\$0.00
2001		0	13	100	\$0.00	\$0.00	0.13	\$0.00	\$0.00
2000		800	14	100	\$120.00	\$96,000.00	0.14	\$16.80	\$82,560.00
1999		500	15	100	\$111.60	\$55,800.00	0.15	\$16.74	\$47,430.00
1998			16	100	\$0.00	\$0.00	0.16	\$0.00	\$0.00
1997		3200	17	100	\$108.00	\$345,600.00	0.17	\$18.36	\$286,848.00
1996			18	100	\$0.00	\$0.00	0.18	\$0.00	\$0.00
1995			19	100	\$0.00	\$0.00	0.19	\$0.00	\$0.00
1994			20	100	\$0.00	\$0.00	0.20	\$0.00	\$0.00
1993	0-6' DEEP	1000	21	100	\$93.60	\$93,600.00	0.21	\$19.66	\$73,944.00
1992			22	100	\$0.00	\$0.00	0.22	\$0.00	\$0.00
1991	6-10' DEEP	3500	23	100	\$249.48	\$873,180.00	0.23	\$57.38	\$672,348.60
1990	10-15' DEEP	3000	24	100	\$257.52	\$772,560.00	0.24	\$61.80	\$587,145.60
1989		0	25	100	\$0.00	\$0.00	0.25	\$0.00	\$0.00
1988		0	26	100	\$0.00	\$0.00	0.26	\$0.00	\$0.00
1987	6-10' DEEP	2000	27	100	\$213.84	\$427,680.00	0.27	\$57.74	\$312,206.40
1986			28	100	\$0.00	\$0.00	0.28	\$0.00	\$0.00
1985	0-6' DEEP	3000	29	100	\$79.20	\$237,600.00	0.29	\$22.97	\$168,696.00
1984			30	100	\$0.00	\$0.00	0.30	\$0.00	\$0.00
1983			31	100	\$0.00	\$0.00	0.31	\$0.00	\$0.00
1982			32	100	\$0.00	\$0.00	0.32	\$0.00	\$0.00
1981	0-6' DEEP	10000	33	100	\$61.20	\$612,000.00	0.33	\$20.20	\$410,040.00
1980			34	100	\$0.00	\$0.00	0.34	\$0.00	\$0.00
1979			35	100	\$0.00	\$0.00	0.35	\$0.00	\$0.00
1978	0-6' DEEP	10000	36	100	\$54.00	\$540,000.00	0.36	\$19.44	\$345,600.00
1977			37	100	\$0.00	\$0.00	0.37	\$0.00	\$0.00
1976			38	100	\$0.00	\$0.00	0.38	\$0.00	\$0.00
1975	0-6' DEEP	10000	39	100	\$43.20	\$432,000.00	0.39	\$16.85	\$263,520.00
1974			40	100	\$0.00	\$0.00	0.40	\$0.00	\$0.00
1973			41	100	\$0.00	\$0.00	0.41	\$0.00	\$0.00
1972	0-6' DEEP	3870	42	100	\$36.00	\$139,320.00	0.42	\$15.12	\$80,805.60
1971			43	100	\$0.00	\$0.00	0.43	\$0.00	\$0.00

1970			44	100	\$0.00	\$0.00	0.44	\$0.00	\$0.00
1969	6-10 DEEP	6000	45	100	\$64.80	\$388,800.00	0.45	\$29.16	\$213,840.00
1968			46	100	\$0.00	\$0.00	0.46	\$0.00	\$0.00
1967			47	100	\$0.00	\$0.00	0.47	\$0.00	\$0.00
1966		6000	48	100	\$80.00	\$480,000.00	0.48	\$38.40	\$249,600.00
1965			49	100	\$0.00	\$0.00	0.49	\$0.00	\$0.00
1964			50	100	\$0.00	\$0.00	0.50	\$0.00	\$0.00
1963	0-6' DEEP	2650	51	100	\$16.80	\$44,520.00	0.51	\$8.57	\$21,814.80
1962			52	100	\$0.00	\$0.00	0.52	\$0.00	\$0.00
1961	0-6' DEEP	7650	53	100	\$15.60	\$119,340.00	0.53	\$8.27	\$56,089.80
1960			54	100	\$0.00	\$0.00	0.54	\$0.00	\$0.00
1959			55	100	\$0.00	\$0.00	0.55	\$0.00	\$0.00
1958			56	100	\$0.00	\$0.00	0.56	\$0.00	\$0.00
1957			57	100	\$0.00	\$0.00	0.57	\$0.00	\$0.00
1955	0-6' DEEP	28360	59	100	\$12.00	\$340,320.00	0.59	\$7.08	\$139,531.20
1955	6-10' DEEP	2450	59	100	\$32.40	\$79,380.00	0.59	\$19.12	\$32,545.80
1956	10-14' DEEP	500	58	100	\$34.80	\$17,400.00	0.58	\$20.18	\$7,308.00
1955			59	100	\$0.00	\$0.00	0.59	\$0.00	\$0.00
1954			60	100	\$0.00	\$0.00	0.60	\$0.00	\$0.00
1953			61	100	\$0.00	\$0.00	0.61	\$0.00	\$0.00
1952	6-10' DEEP	3000	62	100	\$32.40	\$97,200.00	0.62	\$20.09	\$36,936.00
1951			63	100	\$0.00	\$0.00	0.63	\$0.00	\$0.00
1950			64	100	\$0.00	\$0.00	0.64	\$0.00	\$0.00
1949			65	100	\$0.00	\$0.00	0.65	\$0.00	\$0.00
1948			66	100	\$0.00	\$0.00	0.66	\$0.00	\$0.00
1947			67	100	\$0.00	\$0.00	0.67	\$0.00	\$0.00
1946	0-6' DEEP	10000	68	100	\$12.00	\$120,000.00	0.68	\$8.16	\$38,400.00
1945			69	100	\$0.00	\$0.00	0.69	\$0.00	\$0.00
1944	6-10' DEEP	3000	70	100	\$32.40	\$97,200.00	0.70	\$22.68	\$29,160.00
1943	6-10 DEEP	5000	71	100	\$32.40	\$162,000.00	0.71	\$23.00	\$46,980.00
1942	0-6' DEEP	3000	72	100	\$12.00	\$36,000.00	0.72	\$8.64	\$10,080.00
1941	0-6' DEEP	1000	73	100	\$12.00	\$12,000.00	0.73	\$8.76	\$3,240.00
1940	6-10' DEEP	1000	74	100	\$32.40	\$32,400.00	0.74	\$23.98	\$8,424.00
1939		5400	75	100	\$0.00	\$0.00	0.75	\$0.00	\$0.00
1938			76	100	\$0.00	\$0.00	0.76	\$0.00	\$0.00
1935	15" 0-6' DEEP	170	79	100	\$10.00	\$1,700.00	0.79	\$7.90	\$357.00
1935	15"6-10' DEEP	1000	79	100	\$11.25	\$11,250.00	0.79	\$8.89	\$2,362.50
1935	15" 10-14' DEEP	1550	79	100	\$15.00	\$23,250.00	0.79	\$11.85	\$4,882.50
1935	15" 14-18' DEEP	700	79	100	\$17.50	\$12,250.00	0.79	\$13.83	\$2,572.50
1935	21" 14-18' DEEP	400	79	100	\$22.50	\$9,000.00	0.79	\$17.78	\$1,890.00
1935	21" 18-22' DEEP	600	79	100	\$25.00	\$15,000.00	0.79	\$19.75	\$3,150.00
1934			80	100	\$0.00	\$0.00	0.80	\$0.00	\$0.00
1933			81	100	\$0.00	\$0.00	0.81	\$0.00	\$0.00
1932			82	100	\$0.00	\$0.00	0.82	\$0.00	\$0.00

1931			83	100	\$0.00	\$0.00	0.83	\$0.00	\$0.00
1930			84	100	\$0.00	\$0.00	0.84	\$0.00	\$0.00
1929	8" 0-6' DEEP	15000	85	100	\$3.85	\$57,750.00	0.85	\$3.27	\$8,662.50
1928			86	100	\$0.00	\$0.00	0.86	\$0.00	\$0.00
1927			87	100	\$0.00	\$0.00	0.87	\$0.00	\$0.00
1925	8" 0-6' DEEP	14510	89	100	\$3.96	\$57,459.60	0.89	\$3.52	\$6,320.56
1925	8" 6-10' DEEP	2100	89	100	\$10.69	\$22,453.20	0.89	\$9.52	\$2,469.85
1925	8" 10-14' DEEP	1313	89	100	\$11.48	\$15,078.49	0.89	\$10.22	\$1,658.63
1925	8" 14-18'DEEP	300	89	100	\$12.54	\$3,762.00	0.89	\$11.16	\$413.82
1925	8" 18-22' DEEP	150	89	100	\$14.03	\$2,103.75	0.89	\$12.48	\$231.41
1924			90	100	\$0.00	\$0.00	0.90	\$0.00	\$0.00
1923			91	100	\$0.00	\$0.00	0.91	\$0.00	\$0.00
1922	6-10 DEEP	5000	92	100	\$8.10	\$40,500.00	0.92	\$7.45	\$3,240.00
1921			93	100	\$0.00	\$0.00	0.93	\$0.00	\$0.00
1920			94	100	\$0.00	\$0.00	0.94	\$0.00	\$0.00
1919	0-6 DEEP	10000	95	100	\$2.20	\$22,000.00	0.95	\$2.09	\$1,100.00
1918			96	100	\$0.00	\$0.00	0.96	\$0.00	\$0.00
1917			97	100	\$0.00	\$0.00	0.97	\$0.00	\$0.00
1916			98	100	\$0.00	\$0.00	0.98	\$0.00	\$0.00
1915	0-6 DEEP	10000	99	100	\$2.20	\$22,000.00	0.99	\$2.18	\$220.00
1914			100	100	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1913			101	100	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1909	10-14 DEEP	3000	105	100	\$4.94	\$14,824.80	1.00	\$4.94	\$0.00
1909	0-6 DEEP	5000	105	100	\$1.56	\$7,810.00	1.00	\$1.56	\$0.00
1909	6-10 DEEP	3000	105	100	\$4.60	\$13,802.40	1.00	\$4.60	\$0.00
1909	0-6 DEEP	60200	105	100	\$1.56	\$94,032.40	1.00	\$1.56	\$0.00
1908			106	100	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1907			107	100	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1906			108	100	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1905			109	100	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1904			110	100	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1903			111	100	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1902			112	100	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1901			113	100	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1900			114	100	\$0.00	\$0.00	1.00	\$0.00	\$0.00
		290400				\$10,402,327.64		\$2,927,340.00	\$7,474,987.64

2012	SANITARY MANHOLE, 13-16', SANITARY EXTENSION PHASE II	2	2	100	\$4,500.00	\$9,000.00	0.02	\$90.00	\$8,820.00
2012	SANITARY MANHOLE, 16-19', SANITARY EXTENSION PHASE II	2	2	100	\$5,000.00	\$10,000.00	0.02	\$100.00	\$9,800.00
2011	RECONNECTION OF NEW PIPE TO EXISTING MANHOLE - STATION AVENUE	3	3	100	\$700.00	\$2,100.00	0.03	\$21.00	\$2,037.00
2010	SANITARY MANHOLES - SANITARY EXTENSION PHASE I	5	4	100	\$5,500.00	\$27,500.00	0.04	\$220.00	\$26,400.00
2010	FLOW METER VAULT - SANITARY EXTENSION PHASE I	1	4	100	\$15,000.00	\$15,000.00	0.04	\$600.00	\$14,400.00
2010	TAP CONNECTION CCMUA INTERCEPTOR - SANITARY EXTENSION PHASE I	1	4	100	\$25,000.00	\$25,000.00	0.04	\$1,000.00	\$24,000.00
2010	SANITARY MANHOLE OUTSIDE DROP NO. 2 - SANITARY EXTENSION PHASE I	1	4	100	\$6,500.00	\$6,500.00	0.04	\$260.00	\$6,240.00
2011	TANNER	7	3	100	\$3,500.00	\$24,500.00	0.03	\$105.00	\$23,765.00
2011	WOODLAND	1	3	100	\$7,000.00	\$7,000.00	0.03	\$210.00	\$6,790.00
2010	KINGS COURT- DROP MANHOLE	1	4	100	\$12,000.00	\$12,000.00	0.04	\$480.00	\$11,520.00
2010	KINGS COURT	1	4	100	\$7,500.00	\$7,500.00	0.04	\$300.00	\$7,200.00
2010		5	4	100	\$5,000.00	\$25,000.00	0.04	\$200.00	\$24,000.00
2009		5	5	100	\$5,000.00	\$25,000.00	0.05	\$250.00	\$23,750.00
2008		4	6	100	\$5,000.00	\$20,000.00	0.06	\$300.00	\$18,800.00
2007	RHOADES	1	7	100	\$4,000.00	\$4,000.00	0.07	\$280.00	\$3,720.00
2007	WESTMINSTER	4	7	100	\$3,500.00	\$14,000.00	0.07	\$245.00	\$13,020.00
2006		2	8	100	\$5,000.00	\$10,000.00	0.08	\$400.00	\$9,200.00
2005		2	9	100	\$5,000.00	\$10,000.00	0.09	\$450.00	\$9,100.00
2004		4	10	100	\$0.00	\$0.00	0.10	\$0.00	\$0.00
2003		1	11	100	\$5,000.00	\$5,000.00	0.11	\$550.00	\$4,450.00
2002		3	12	100	\$5,000.00	\$15,000.00	0.12	\$600.00	\$13,200.00
2001			13	100	\$0.00	\$0.00	0.13	\$0.00	\$0.00
2000		2	14	100	\$4,950.00	\$9,900.00	0.14	\$693.00	\$8,514.00
1999		4	15	100	\$5,390.00	\$21,560.00	0.15	\$808.50	\$18,326.00
1998		1	16	100	\$5,225.00	\$5,225.00	0.16	\$836.00	\$4,389.00
1997		6	17	100	\$4,950.00	\$29,700.00	0.17	\$841.50	\$24,651.00
1996		2	18	100	\$4,785.00	\$9,570.00	0.18	\$861.30	\$7,847.40
1995			19	100	\$0.00	\$0.00	0.19	\$0.00	\$0.00
1994		1	20	100	\$0.00	\$0.00	0.20	\$0.00	\$0.00
1993		6	21	100	\$4,400.00	\$26,400.00	0.21	\$924.00	\$20,856.00
1992		1	22	100	\$4,350.50	\$4,350.50	0.22	\$957.11	\$3,393.39
1991		6	23	100	\$4,290.00	\$25,740.00	0.23	\$986.70	\$19,819.80
1990		6	24	100	\$4,108.50	\$24,651.00	0.24	\$986.04	\$18,734.76
1989		0	25	100	\$0.00	\$0.00	0.25	\$0.00	\$0.00
1988		0	26	100	\$0.00	\$0.00	0.26	\$0.00	\$0.00
1987		5	27	100	\$4,070.00	\$20,350.00	0.27	\$1,098.90	\$14,855.50
1986		1	28	100	\$4,070.00	\$4,070.00	0.28	\$1,139.60	\$2,930.40
1985		5	29	100	\$4,070.00	\$20,350.00	0.29	\$1,180.30	\$14,448.50

1984			30	100	\$0.00	\$0.00	0.30	\$0.00	\$0.00
1983			31	100	\$0.00	\$0.00	0.31	\$0.00	\$0.00
1982			32	100	\$0.00	\$0.00	0.32	\$0.00	\$0.00
1981		5	33	100	\$3,300.00	\$16,500.00	0.33	\$1,089.00	\$11,055.00
1980			34	100	\$0.00	\$0.00	0.34	\$0.00	\$0.00
1979		20	35	100	\$3,300.00	\$66,000.00	0.35	\$1,155.00	\$42,900.00
1978			36	100	\$0.00	\$0.00	0.36	\$0.00	\$0.00
1977			37	100	\$0.00	\$0.00	0.37	\$0.00	\$0.00
1976			38	100	\$0.00	\$0.00	0.38	\$0.00	\$0.00
1975		20	39	100	\$3,190.00	\$63,800.00	0.39	\$1,244.10	\$38,918.00
1974			40	100	\$0.00	\$0.00	0.40	\$0.00	\$0.00
1973			41	100	\$0.00	\$0.00	0.41	\$0.00	\$0.00
1972		20	42	100	\$2,640.00	\$52,800.00	0.42	\$1,108.80	\$30,624.00
1971			43	100	\$0.00	\$0.00	0.43	\$0.00	\$0.00
1970			44	100	\$0.00	\$0.00	0.44	\$0.00	\$0.00
1969		40	45	100	\$2,475.00	\$99,000.00	0.45	\$1,113.75	\$54,450.00
1968			46	100	\$0.00	\$0.00	0.46	\$0.00	\$0.00
1967			47	100	\$0.00	\$0.00	0.47	\$0.00	\$0.00
1966		40	48	100	\$2,035.00	\$81,400.00	0.48	\$976.80	\$42,328.00
1965			49	100	\$0.00	\$0.00	0.49	\$0.00	\$0.00
1964			50	100	\$0.00	\$0.00	0.50	\$0.00	\$0.00
1963		10	51	100	\$1,650.00	\$16,500.00	0.51	\$841.50	\$8,085.00
1962			52	100	\$0.00	\$0.00	0.52	\$0.00	\$0.00
1961		40	53	100	\$0.00	\$0.00	0.53	\$0.00	\$0.00
1960			54	100	\$0.00	\$0.00	0.54	\$0.00	\$0.00
1959		10	55	100	\$748.00	\$7,480.00	0.55	\$411.40	\$3,366.00
1958			56	100	\$0.00	\$0.00	0.56	\$0.00	\$0.00
1957			57	100	\$0.00	\$0.00	0.57	\$0.00	\$0.00
1956		80	58	100	\$0.00	\$0.00	0.58	\$0.00	\$0.00
1955			59	100	\$0.00	\$0.00	0.59	\$0.00	\$0.00
1954			60	100	\$0.00	\$0.00	0.60	\$0.00	\$0.00
1953		10	61	100	\$566.50	\$5,665.00	0.61	\$345.57	\$2,209.35
1952			62	100	\$0.00	\$0.00	0.62	\$0.00	\$0.00

1951			63	100	\$0.00	\$0.00	0.63	\$0.00	\$0.00
1950		10	64	100	\$440.00	\$4,400.00	0.64	\$281.60	\$1,584.00
1949			65	100	\$0.00	\$0.00	0.65	\$0.00	\$0.00
1948		2	66	100	\$440.00	\$880.00	0.66	\$290.40	\$299.20
1947			67	100	\$0.00	\$0.00	0.67	\$0.00	\$0.00
1946		40	68	100	\$440.00	\$17,600.00	0.68	\$299.20	\$5,632.00
1945			69	100	\$0.00	\$0.00	0.69	\$0.00	\$0.00
1944			70	100	\$0.00	\$0.00	0.70	\$0.00	\$0.00
1943		3	71	100	\$319.00	\$957.00	0.71	\$226.49	\$277.53
1942			72	100	\$0.00	\$0.00	0.72	\$0.00	\$0.00
1941			73	100	\$0.00	\$0.00	0.73	\$0.00	\$0.00
1940		31	74	100	\$198.00	\$6,138.00	0.74	\$146.52	\$1,595.88
1939		30	75	100	\$198.00	\$5,940.00	0.75	\$148.50	\$1,485.00
1938			76	100	\$0.00	\$0.00	0.76	\$0.00	\$0.00
1937		10	77	100	\$198.00	\$1,980.00	0.77	\$152.46	\$455.40
1936			78	100	\$0.00	\$0.00	0.78	\$0.00	\$0.00
1935			79	100	\$0.00	\$0.00	0.79	\$0.00	\$0.00
1934		10	80	100	\$181.50	\$1,815.00	0.80	\$145.20	\$363.00
1933			81	100	\$0.00	\$0.00	0.81	\$0.00	\$0.00
1932		10	82	100	\$181.50	\$1,815.00	0.82	\$148.83	\$326.70
1931			83	100	\$0.00	\$0.00	0.83	\$0.00	\$0.00
1930		30	84	100	\$181.50	\$5,445.00	0.84	\$152.46	\$871.20
1929			85	100	\$0.00	\$0.00	0.85	\$0.00	\$0.00
1928			86	100	\$0.00	\$0.00	0.86	\$0.00	\$0.00
1927			87	100	\$0.00	\$0.00	0.87	\$0.00	\$0.00
1926		30	88	100	\$176.00	\$5,280.00	0.88	\$154.88	\$633.60
1925			89	100	\$0.00	\$0.00	0.89	\$0.00	\$0.00
1924		20	90	100	\$187.00	\$3,740.00	0.90	\$168.30	\$374.00
1923			91	100	\$0.00	\$0.00	0.91	\$0.00	\$0.00
1922		10	92	100	\$187.00	\$1,870.00	0.92	\$172.04	\$149.60
1921			93	100	\$0.00	\$0.00	0.93	\$0.00	\$0.00
1920		10	94	100	\$214.50	\$2,145.00	0.94	\$201.63	\$128.70
1919			95	100	\$0.00	\$0.00	0.95	\$0.00	\$0.00
1918			96	100	\$0.00	\$0.00	0.96	\$0.00	\$0.00
1917			97	100	\$0.00	\$0.00	0.97	\$0.00	\$0.00
1916		33	98	100	\$165.00	\$5,445.00	0.98	\$161.70	\$108.90
1915			99	100	\$0.00	\$0.00	0.99	\$0.00	\$0.00
1914			100	100	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1913			101	100	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1912			102	100	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1911			103	100	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1910		103	104	100	\$77.00	\$7,931.00	1.00	\$77.00	\$0.00
1909			105	100	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1908			106	100	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1907			107	100	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1906			108	100	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1905			109	100	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1904			110	100	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1903			111	100	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1902			112	100	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1901			113	100	\$0.00	\$0.00	1.00	\$0.00	\$0.00
		820				\$1,408,607.50		\$293,914.69	\$1,114,692.81

**BOROUGH OF HADDONFIELD
WATER & SEWER SYSTEM
VALUATION ANALYSIS
UPDATED SEPTEMBER 2017**

SANITARY FORCE MAIN

YEAR OF PURCHASE	ITEM	LINER FEET OF PIPE	AGE (YEARS)	LIFE	ORIGINAL UNIT COST	ORIGINAL COST	DEPRECIATION FACTOR	DEPRECIATION COST/UNIT	OCLD
2014	SANITARY 8' FORCE MAIN - GROVE STREET PROJECT	70	0	100	\$168.00	\$11,760.00	0	\$0.00	\$11,760.00
2013			1	100	\$0.00	\$0.00	0.01	\$0.00	\$0.00
2012			2	100	\$0.00	\$0.00	0.02	\$0.00	\$0.00
2011			3	100	\$0.00	\$0.00	0.03	\$0.00	\$0.00
2010			4	100	\$0.00	\$0.00	0.04	\$0.00	\$0.00
2009			5	100	\$0.00	\$0.00	0.05	\$0.00	\$0.00
2008			6	100	\$0.00	\$0.00	0.06	\$0.00	\$0.00
2007			7	100	\$0.00	\$0.00	0.07	\$0.00	\$0.00
2006			8	100	\$0.00	\$0.00	0.08	\$0.00	\$0.00
2005			9	100	\$0.00	\$0.00	0.09	\$0.00	\$0.00
2004			10	100	\$0.00	\$0.00	0.10	\$0.00	\$0.00
2003			11	100	\$0.00	\$0.00	0.11	\$0.00	\$0.00
2002			12	100	\$0.00	\$0.00	0.12	\$0.00	\$0.00
2001			13	100	\$0.00	\$0.00	0.13	\$0.00	\$0.00
2000			14	100	\$0.00	\$0.00	0.14	\$0.00	\$0.00
1999			15	100	\$0.00	\$0.00	0.15	\$0.00	\$0.00
1998			16	100	\$0.00	\$0.00	0.16	\$0.00	\$0.00
1997			17	100	\$0.00	\$0.00	0.17	\$0.00	\$0.00
1996			18	100	\$0.00	\$0.00	0.18	\$0.00	\$0.00
1995			19	100	\$0.00	\$0.00	0.19	\$0.00	\$0.00
1994			20	100	\$0.00	\$0.00	0.20	\$0.00	\$0.00
1993			21	100	\$0.00	\$0.00	0.21	\$0.00	\$0.00
1992			22	100	\$0.00	\$0.00	0.22	\$0.00	\$0.00
1991			23	100	\$0.00	\$0.00	0.23	\$0.00	\$0.00
1990			24	100	\$0.00	\$0.00	0.24	\$0.00	\$0.00
1989			25	100	\$0.00	\$0.00	0.25	\$0.00	\$0.00
1988			26	100	\$0.00	\$0.00	0.26	\$0.00	\$0.00
1987			27	100	\$0.00	\$0.00	0.27	\$0.00	\$0.00
1986			28	100	\$0.00	\$0.00	0.28	\$0.00	\$0.00
1985	8" PVC	2340	29	100	\$171.60	\$401,544.00	0.29	\$49.76	\$285,096.24
1984			30	100	\$0.00	\$0.00	0.30	\$0.00	\$0.00
1983			31	100	\$0.00	\$0.00	0.31	\$0.00	\$0.00
1982			32	100	\$0.00	\$0.00	0.32	\$0.00	\$0.00
1981			33	100	\$0.00	\$0.00	0.33	\$0.00	\$0.00
1980			34	100	\$0.00	\$0.00	0.34	\$0.00	\$0.00
1979			35	100	\$0.00	\$0.00	0.35	\$0.00	\$0.00
1978			36	100	\$0.00	\$0.00	0.36	\$0.00	\$0.00
1977			37	100	\$0.00	\$0.00	0.37	\$0.00	\$0.00
1976			38	100	\$0.00	\$0.00	0.38	\$0.00	\$0.00
1975			39	100	\$0.00	\$0.00	0.39	\$0.00	\$0.00
1974			40	100	\$0.00	\$0.00	0.40	\$0.00	\$0.00
1973			41	100	\$0.00	\$0.00	0.41	\$0.00	\$0.00
1972			42	100	\$0.00	\$0.00	0.42	\$0.00	\$0.00

1971			43	100	\$0.00	\$0.00	0.43	\$0.00	\$0.00
1970			44	100	\$0.00	\$0.00	0.44	\$0.00	\$0.00
1969			45	100	\$0.00	\$0.00	0.45	\$0.00	\$0.00
1968			46	100	\$0.00	\$0.00	0.46	\$0.00	\$0.00
1967			47	100	\$0.00	\$0.00	0.47	\$0.00	\$0.00
1966			48	100	\$0.00	\$0.00	0.48	\$0.00	\$0.00
1965			49	100	\$0.00	\$0.00	0.49	\$0.00	\$0.00
1964			50	100	\$0.00	\$0.00	0.50	\$0.00	\$0.00
1963			51	100	\$0.00	\$0.00	0.51	\$0.00	\$0.00
1962			52	100	\$0.00	\$0.00	0.52	\$0.00	\$0.00
1961			53	100	\$0.00	\$0.00	0.53	\$0.00	\$0.00
1960	6"	800	54	100	\$23.40	\$18,720.00	0.54	\$12.64	\$8,611.20
1959			55	100	\$0.00	\$0.00	0.55	\$0.00	\$0.00
1958			56	100	\$0.00	\$0.00	0.56	\$0.00	\$0.00
1957			57	100	\$0.00	\$0.00	0.57	\$0.00	\$0.00
1956			58	100	\$0.00	\$0.00	0.58	\$0.00	\$0.00
1955	6"	1800	59	100	\$18.58	\$33,436.80	0.59	\$10.96	\$13,709.09
1955	4"	220	59	100	\$17.54	\$3,859.68	0.59	\$10.35	\$1,582.47
1955			59	100	\$0.00	\$0.00	0.59	\$0.00	\$0.00
1954			60	100	\$0.00	\$0.00	0.60	\$0.00	\$0.00
1953			61	100	\$0.00	\$0.00	0.61	\$0.00	\$0.00
1952			62	100	\$0.00	\$0.00	0.62	\$0.00	\$0.00
1951			63	100	\$0.00	\$0.00	0.63	\$0.00	\$0.00
1950	4"	500	64	100	\$14.40	\$7,200.00	0.64	\$9.22	\$2,592.00
1950	6"	500	64	100	\$14.40	\$7,200.00	0.64	\$9.22	\$2,592.00
1949			65	100	\$0.00	\$0.00	0.65	\$0.00	\$0.00
1948			66	100	\$0.00	\$0.00	0.66	\$0.00	\$0.00
1947			67	100	\$0.00	\$0.00	0.67	\$0.00	\$0.00
1946			68	100	\$0.00	\$0.00	0.68	\$0.00	\$0.00
1945			69	100	\$0.00	\$0.00	0.69	\$0.00	\$0.00
1944			70	100	\$0.00	\$0.00	0.70	\$0.00	\$0.00
1943			71	100	\$0.00	\$0.00	0.71	\$0.00	\$0.00
1942			72	100	\$0.00	\$0.00	0.72	\$0.00	\$0.00
1941			73	100	\$0.00	\$0.00	0.73	\$0.00	\$0.00
1940			74	100	\$0.00	\$0.00	0.74	\$0.00	\$0.00
1939			75	100	\$0.00	\$0.00	0.75	\$0.00	\$0.00
1938			76	100	\$0.00	\$0.00	0.76	\$0.00	\$0.00
1937			77	100	\$0.00	\$0.00	0.77	\$0.00	\$0.00
1936			78	100	\$0.00	\$0.00	0.78	\$0.00	\$0.00
1935			79	100	\$0.00	\$0.00	0.79	\$0.00	\$0.00
1934			80	100	\$0.00	\$0.00	0.80	\$0.00	\$0.00
1935			79	100	\$0.00	\$0.00	0.79	\$0.00	\$0.00
1935			79	100	\$0.00	\$0.00	0.79	\$0.00	\$0.00
1935			79	100	\$0.00	\$0.00	0.79	\$0.00	\$0.00
1935			79	100	\$0.00	\$0.00	0.79	\$0.00	\$0.00
1933			81	100	\$0.00	\$0.00	0.81	\$0.00	\$0.00
1932	8"	1010	82	100	\$7.20	\$7,272.00	0.82	\$5.90	\$1,308.96
1931	6"	250	83	100	\$7.20	\$1,800.00	0.83	\$5.98	\$306.00
1930	4"	3070	84	100	\$7.20	\$22,104.00	0.84	\$6.05	\$3,536.64
1929			85	100	\$0.00	\$0.00	0.85	\$0.00	\$0.00
1928			86	100	\$0.00	\$0.00	0.86	\$0.00	\$0.00
1927			87	100	\$0.00	\$0.00	0.87	\$0.00	\$0.00
1926			88	100	\$0.00	\$0.00	0.88	\$0.00	\$0.00
1925			89	100	\$0.00	\$0.00	0.89	\$0.00	\$0.00

1925			89	100	\$0.00	\$0.00	0.89	\$0.00	\$0.00
1925			89	100	\$0.00	\$0.00	0.89	\$0.00	\$0.00
1925			89	100	\$0.00	\$0.00	0.89	\$0.00	\$0.00
1924			90	100	\$0.00	\$0.00	0.90	\$0.00	\$0.00
1923			91	100	\$0.00	\$0.00	0.91	\$0.00	\$0.00
1922			92	100	\$0.00	\$0.00	0.92	\$0.00	\$0.00
1921			93	100	\$0.00	\$0.00	0.93	\$0.00	\$0.00
1920			94	100	\$0.00	\$0.00	0.94	\$0.00	\$0.00
1919			95	100	\$0.00	\$0.00	0.95	\$0.00	\$0.00
1918			96	100	\$0.00	\$0.00	0.96	\$0.00	\$0.00
1917			97	100	\$0.00	\$0.00	0.97	\$0.00	\$0.00
1916			98	100	\$0.00	\$0.00	0.98	\$0.00	\$0.00
1915			99	100	\$0.00	\$0.00	0.99	\$0.00	\$0.00
1914			100	100	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1913			101	100	\$0.00	\$0.00	1.01	\$0.00	\$0.00
1912			102	100	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1911			103	100	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1910			104	100	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1909			105	100	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1908			106	100	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1907			107	100	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1906			108	100	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1905			109	100	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1904			110	100	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1903			111	100	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1902			112	100	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1901			113	100	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1900			114	100	\$0.00	\$0.00	1.00	\$0.00	\$0.00
1899			115	100	\$0.00	\$0.00	1.00	\$0.00	\$0.00
		10560				\$514,896.48		\$183,801.88	\$331,094.60

PURCHASE - FEE SIMPLE					
BLOCK	LOT	LOCATION	DESCRIPTION	ESTIMATED CURRENT LAND VALUE	PARCEL ASSOCIATED WITH WATER OR SANITARY SYSTEM
11	5	259-263 LAKE STREET	LAKE STREET TREATMENT / PUMPING	\$68,271.66	WATER SYSTEM
11	5.01	LAKE STREET	CLEARWELL STORAGE	\$169,701.48	WATER SYSTEM
51	2	205 EAST COTTAGE AVE	STANDPIPE	\$242,600.00	WATER SYSTEM
62	1	REILLYWOOD AVE	WELL #1A	\$137,700.00	WATER SYSTEM
1.04	18	PARDEE LANE	COLES MILL LIFT STATION	\$10,800.00	SANITARY SYSTEM
12	1.01	1 GLOVER AVE	GROVE STREET LIFT STATION - SUBDIVISION	\$34,425.00	SANITARY SYSTEM
26	27.01	ROBERTS AVENUE	ROBERTS AVE LIFT STATION - SUBDIVISION	\$387,281.25	SANITARY SYSTEM
110	6	ELM AVENUE	ELM LIFT STATION	\$204,700.00	SANITARY SYSTEM
EASEMENTS					
BLOCK	LOT	LOCATION	DESCRIPTION	ESTIMATED CURRENT LAND VALUE	PARCEL ASSOCIATED WITH WATER OR SANITARY SYSTEM
128	5.01	EUCLID & WESTMONT AVES	EUCLID AVENUE LIFT STATION	\$219,900.00	SANITARY SYSTEM
45	14	555 CENTRE STREET	CENTRE STREET LIFT STATION	\$61,965.00	SANITARY SYSTEM
		555 CENTRE STREET	CENTRE STREET WATER TREATMENT PLANT	\$287,793.00	WATER SYSTEM
		555 CENTRE STREET	WELL #5	\$137,700.00	WATER SYSTEM
		555 CENTRE STREET	WELL #7	\$137,700.00	WATER SYSTEM

\$2,100,537.39

Value Basis:

Actual assessed land values were utilized for individual lots not requiring a parcel subdivision.
For those parcels where a subdivision or easements will be obtained, land values were assessed by utilizing the average Haddonfield assessed residential value of \$600,000.00 per acre.