

City of High Point

*Municipal Office Building
211 S. Hamilton Street
High Point, NC 27260*



Meeting Agenda

Thursday, December 17, 2020

4:00 PM

3rd Floor Conference Room

Finance Committee

Britt Moore, Mayor Pro Tem, Chair

Committee Members:

Michael Holmes

Monica Peters

Victor Jones

Jay Wagner, Mayor (Alternate)

As part of the city of High Point's on-going COVID-19 mitigation efforts, in-person attendance will not be allowed at this meeting. Instead, the meeting will be live-streamed and the public can listen to the meeting as it is being live-streamed by clicking on the following link www.HighPointNC.gov/VirtualPublicMeeting.

FINANCE COMMITTEE - Mayor Pro Tem Britt W. Moore, Chair

CALL TO ORDER

PRESENTATION OF ITEMS

PUBLIC HEARINGS

[2020-514](#)

Public Hearing: Hot Shots Distributing, Inc. - Performance Based Incentives

Monday, December 21, 2020 at 5:30pm is the date and time established to receive public comments regarding a request for City Council to approve performance based incentives up to the amount of \$31,758.00 for Hot Shots Distributing, Inc. and authorize the City Manager to execute a performance agreement with Hot Shots Distributing, Inc. containing benchmarks for the company to achieve and a schedule for the payment of incentives

Attachments: [6. Hot Shots Inc. Distributing Performance Incentives](#)

[2020-519](#)

Public Hearing: Proposed System Development Fee

Monday, December 21, 2020 at 5:30 p.m. is the date and time established to receive public comments regarding a proposed System Development Fee for High Point's Water/Sewer System. At the conclusion of the public hearing, staff requests that Council adopt a Resolution implementing the System Development Fee with an effective date of October 1, 2021.

Attachments: [FINAL System Development Fee Public Hearing.pdf](#)

REGULAR AGENDA ITEMS

[2020-515](#)

Contract - Sole Source - Mobile Communications America (MCA) - 911 Communications High Point Police Department

City Council is requested to award a sole source contract to Mobile Communications America (MCA) in the amount of \$304,530.95 for a five year lease to purchase a Vesta 9-1-1 Phone System to update the current 911 Communications Center located in City Hall, and outfit its new (primary) 911 Communications Center located at 1730 Westchester Drive and that the appropriate City official and/or employee be authorized to execute all necessary documents.

Attachments: [1. 911 Phone System Lease](#)

[2020-516](#)**Contract - Sole Source - Mobile Communications America (MCA) - 911
Phone System Supplemental Purchase**

City Council is requested to award a sole source contract to Mobile Communications America (MCA) in the amount of \$88,834.42 for the purchase of six (6) supplemental phones from MCA and that the appropriate City official and/or employee be authorized to execute all necessary documents.

Attachments: [2. Phone System Sup Purchase](#)

[2020-517](#)**Contract - Sterling Water Technologies - Corrosion Inhibitor - Ward Water
Treatment Plant (WWTP)**

City Council is requested to award a three (3) year contract to Sterling Water Technologies in the amount of \$198,987.38 for the purchase of Corrosion Inhibitor for the Ward Water Treatment Plant (WWTP).

Attachments: [3. Sterling Water Technologies-Corrosion Inhibitor](#)

ADJOURNMENT

CITY OF HIGH POINT

AGENDA ITEM



Title: Resolution- Proposed System Development Fee

From: Terry Houk – Public Services Director
Derrick Boone – Asst. Public Services Director
Robby Stone - Asst. Public Services Director
Glenda Barnes – PS Senior Financial Analyst
Tom Beckett – PS Civil Engineer

Meeting Date: December 21, 2020

Public Hearing: Yes

Advertising Date: N/A

Advertised By: N/A

Attachments: Resolution

PURPOSE:

To consider implementation of a proposed system Development Fee for High Point's water and sewer system.

BACKGROUND:

Currently Public Services uses frontage fees and acreage fees as charges for developer to connect to our water and sewer systems. The System Development Fee (SDF) will replace this process and the SDF will be based on an Equivalent Residential Unit (ERU) for both water and sewer. Stantec Consulting made a presentation before the City Council during Special Meetings held on August 3, 2020 and December 7, 2020. Stantec is recommending using the combined method for calculating the proposed System Development Fee, which is based on the cost of the existing system and planned capital improvements. The revenues from the System Development Fee can only be used for expansion-related capital projects.

System Development Fees have become the standard for most of North Carolina and any revenue collected from SDF can only be used to pay for expansions. SDF has the developer pay for expansion of services and should help relieve the current water and sewer users from paying for new development and service. The SDF information was posted on the City's website and the required 45-day comment period commenced on September 11, 2020 and concluded October 27, 2020.

The required public hearing was held and public comments were received.

BUDGET IMPACT:

There should be no impact on the budget for FY 2020-21, depending on the effective date of the implementation of the proposed System Development Fee. However, in the future budget years, the amount of funds raised by the SDF, could ultimately have a direct impact on the monthly water and sewer rates paid by our citizens.

RECOMMENDATION / ACTION REQUESTED:

Public Services is recommending that Council adopt the Resolution Authorizing the High Point City Council to Establish and Adopt System Development Fees Assessed by the Water and Sewer Funds According to the Provisions of GS 162A, "North Carolina Water and Sewer Authorities Act," and that the System Development Fees become effective October 1, 2021.

PUBLIC NOTICE SYSTEM DEVELOPMENT FEES

Notice is hereby given that the High Point City Council will hold a public hearing on Monday, December 21, 2020 at 5:30 pm in the Council Chambers, in the High Point Municipal Building, 211 S. Hamilton St., High Point, NC. The purpose of this meeting is to receive public input regarding the City Council's consideration of adopting a Resolution implementing System Development Fees. To view the study and for additional information please visit: <https://www.highpointnc.gov/DocumentCenter/View/15072/City-of-High-Point-NC-System-Development-Fee-Study-City-Council-Presentation-August-3-2020>

In order to maintain the health, safety, and well-being of our residents, staff, and the City Council, this meeting will be conducted electronically. As part of the city of High Point's COVID-19 mitigation efforts, in-person attendance will not be allowed at this meeting. Instead, the meeting will be live-streamed. Once the City Council is in session on December 21, 2020 at 5:30 p.m., please visit www.HighPointNC.gov/VirtualPublicMeeting to listen to the meeting. Public comments can be submitted by:

1. Calling 336-883-3522 and leaving a message, or by
2. Emailing written comments to publiccomment@highpointnc.gov, or by
3. Dropping written comments off in the City of High Point's utility payment drop-boxes located in the Green Drive and the Commerce Avenue parking on both sides of the Municipal Building located at 211 S. Hamilton Street.
4. Comments submitted should be identified as **SYSTEM DEVELOPMENT FEES PUBLIC COMMENT PERIOD.**

In accordance with recently adopted legislation regarding public hearings at remote meetings, after the public hearing is held, the required 24-hour waiting period will be open before a vote can be taken on this matter. During that time, the public can submit any additional comments on the subject matter for the public hearing. Please note that the deadline for submitting comments for the public hearing will be Tuesday, December 22, 2020 at 5:30 p.m. Council may take action regarding the matter on Wednesday, December 23@ 5:30 p.m.

Questions? Please contact the City Clerk's Office at 336-883-3536 or 336-883-3690.

Dec. 16, 2020



City of High Point, NC

Water and Sewer System Development Fee Study

August 5, 2020





August 5, 2020

Mr. Terry L. Houk
Public Services Director
211 S Hamilton
High Point, NC 27260

Re: Water and Sewer System
Development Fee Study - Final
Report

Dear Mr. Houk,

Stantec is pleased to present this Final Report on the Water and Sewer System Development Fee Study that was performed for the City of High Point, North Carolina. We appreciate the professional assistance provided by you and all the members of the City staff who participated in the Study.

If you have any questions, please do not hesitate to contact me at (202) 585-6391. We appreciate the opportunity to be of service to the City and look forward to the possibility of doing so again in the near future.

Sincerely,

A handwritten signature in black ink, appearing to read "David Hyder".

David Hyder
Senior Principal

1101 14th Street NW
Washington DC 20005
(202) 585-6391
David.hyder@stantec.com

Enclosure

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1. INTRODUCTION

Stantec Consulting Services Inc. (Stantec) has conducted a Water and Sewer System Development Fee (SDF) Study (Study) for the City of High Point's water and sewer systems (hereafter referred to as the City or System). This report presents the results of the comprehensive Study including background information, legal requirements for the establishment of system development fees in North Carolina, an explanation of the calculation methodology employed and the results of the analysis.

1.1 BACKGROUND

A system development fee is a one-time charge paid by a new customer to recover a portion or all of the cost of constructing water and sewer system capacity. The fees are also assessed to existing customers requiring additional water and sewer system capacity. In general, system development fees are based on the costs of utility infrastructure including, but not limited to, water supply facilities, treatment facilities, effluent disposal facilities, and transmission mains. System development fees serve as the mechanism by which growth can "pay its own way" and minimize the extent to which existing customers must bear the cost of facilities that will be used to serve new customers. The City has retained the services of Stantec to calculate appropriate system development fees for the City's water and sewer systems.

The City does not currently collect system development fees from new water and sewer customers connecting to the System. The City collects an acreage charge based on the total acreage of the property that is connecting to the water and/or sewer system. The current acreage charge is \$350 per acre for water and sewer, per service. The City also charges a front footage charge based on the frontage of the property service by the water and/or sewer connection. The current front footage charge is \$15 for water and \$20 for sewer, per linear foot. While many communities collect front footage charges to recover the cost of line extensions for water and sewer systems, the acreage charge is rather unique. One of the reasons why an acreage charge is less common is related to the fact that the charges does not correlate with the potential demand a new water and sewer customer may place on the System. For example, under the current approach, a single family home that develops on a half-acre lot would be charged the same acreage charge as a commercial development on the same sized parcel which may use significantly more water or produce greater wastewater flows.

1.2 LEGAL REQUIREMENTS

While the legal requirements for the development and implementation of system development fees vary significantly from state to state, North Carolina has adopted specific legislation for municipal water and sewer systems that wish to collect these fees. Specifically, the state of North Carolina passed a System Development Fee Act ("SDF Act") in 2017 which outlines specific requirements that utilities need to follow when implementing such fees. The SDF Act grants local government entities that own or operate municipal water and sewer systems the authority to assess system development fees for the provision of utility service to new development.

The SDF Act defines new development as 1) subdivision of land, 2) construction or change to existing structure that increases service needs or 3) any use of land which increased service needs within 1 year (no longer than 12 months) of a development fee being adopted.

According to the SDF Act the following procedural requirements need to be followed in order to adopt a system development fee:

- **Requirement 1:** The fee should be calculated in a written analysis ("SDF Analysis") prepared by a financial professional or licensed professional engineer (qualified by experience and training or education) who employs generally accepted accounting, engineering, and planning methodologies to calculate system development fees for water and sewer systems, including the consideration of the buy-in, incremental cost or marginal cost, and combined costs methods for each service; and that (1) documents the facts and data used in the analysis and their sufficiency and reliability; (2) provides analysis regarding the selection of the appropriate method of analysis; (3) documents and demonstrates reliable application of the methodology to the facts and data, including all reasoning, analysis, and interim calculations underlying each identifiable component of the system development fee; (4) identifies all assumptions and limiting conditions affecting the analysis and demonstrates that they do not materially undermine the reliability of the conclusions reached; (5) calculates a system development fee per service unit of new development and includes an equivalency or conversion table to use in determining the fees applicable for various categories of demand; and (6) covers a planning horizon of between 5 and 20 years.
- **Requirement 2:** The system development fee analysis must be posted on the City's website, and the City must solicit comments and provide a means by which people can submit their comments, for a period of at least 45 days.
- **Requirement 3:** Comments received from the public must be considered by preparer of the system development fee analysis for possible adjustments to the analysis.
- **Requirement 4:** The City Council must hold a public hearing prior to considering adoption of the system development fees including any adjustments made as part of the comments received by the City.
- **Requirement 5:** The City must publish the system development fee schedule as part of its annual budget or fee ordinance.
- **Requirement 6:** The City cannot adopt a fee that is higher than the fee calculated by the professional analysis.
- **Requirement 7:** The City must update the system development fee analysis at least every five years.

In addition to the procedural requirements listed above, the SDF Act provides specific requirements pertaining to the calculation of the system development fees. These requirements are highlighted within the body of this report in concert with the calculation of the system development fees for the City. Further, the City must follow the SDF Act when actually charging the system development fee: it may be charged only to "new development" and only at the time specified in the legislation; and new development must be

given a credit for costs in excess of the development's proportionate share of connecting facilities required to be oversized for use of others outside of the development.

1.3 STUDY OBJECTIVE

The objective of this Study is to:

1. Assist the City with the development of system development fees and for the water and sewer systems.
2. Determine the full cost recovery system development fees for water and sewer service based upon requirements created by the Public Water and Sewer System Development Fee Act, S.L. 2017-138.
3. Document the analysis in a report to conform with the SDF Act and present the results of the Study to City Council for consideration.

1.4 GENERAL METHODOLOGY

There are three primary approaches to the calculation of system development fees, all of which are outlined within the SDF Act. Each of the approaches are outlined below.

Buy-In Method

This approach determines the system development fees solely on the existing utility system assets. Specifically, the replacement cost of each system's major functional components serves as the cost basis for the system development fee calculation. This approach is most appropriate for a system with considerable excess capacity, such that most new connections to the system will be served by that existing excess capacity and the customers are effectively "buying-in" to the existing system.

Incremental/Marginal Cost Method

The second approach is to use the portion of each utility system's multi-year capital improvement program (CIP) associated with the provision of additional system capacity by functional system component as the cost basis for the development fee calculation. This approach is most appropriate where 1) the existing system has limited or no excess capacity to accommodate growth and 2) the CIP contains a significant number of projects that provide additional system capacity for each functional system component representative of the cost of capacity for the entire system.

Combined Cost Method

The third approach is a combination of the two approaches described above. This approach is most appropriate when 1) there is excess capacity in the current system that will accommodate some growth, but additional capacity is needed in the short-term as reflected in each system's CIP and 2) the CIP includes a significant amount of projects that will provide additional system capacity, but does not necessarily have a sufficient number of projects in each functional area to be reflective of a total system.

1.4.1 Methodologies & Restriction of Proceeds

While the SDF Act allows for the use of any one of the three methodologies discussed above, it specifies restrictions on how the revenues generated by the fees calculated using each methodology may be utilized. Table 1-1 summarizes each of the three methodologies, their typical application and restriction of how the revenues can be utilized for each.

Table 1-1 Description of Methodologies & Restriction to Proceeds

Methodology / Approach:	Description:	Often Used by Systems with:	Fee Proceeds Allowed for:
Buy-In Method	New development shares in <u>capital costs previously incurred</u> which provided capacity for demand arriving with new development needs.	Available capacity.	Expansion and/or rehabilitation projects. Since the buy-in method reimburses the system for certain past investments, proceeds can be treated as unrestricted.
Incremental / Marginal Cost	New development share in <u>capital costs to be incurred in the future</u> which will provide capacity for demand arriving with new development needs.	Limited or no available capacity and a CIP which will provide significant additional capacity.	Professional services costs in development of new fees and expansion costs (construction costs, debt service, capital, land purchase, other costs etc.) <u>related to new development only</u> .
Combined Cost	Combination of Buy-In and Incremental / Marginal Cost methods	Some available capacity but short-term additional capacity is needed and identified in the CIP.	Restricted in the same as manner the Incremental / Marginal Costs.

Applying the framework presented in Table 1-1 to the City's water and sewer system allows for the determination of the appropriate system development fee methodology. The City currently has available capacity to sell in its current water and sewer systems but has also identified the need for growth-related capital spending planned over the next ten years, specifically at the Westside wastewater treatment plant (WWTP) and for purchased water capacity within the Piedmont Triad Regional Water Authority (PTRWA) treatment plant. Given this dynamic, the methodology chosen for the calculation of the system development fees in this Study is the combined cost method. As outlined in Table 1-1, the use of this methodology will restrict the use of system development fee revenues to growth related capital expenditures.

2. BASIS OF ANALYSIS

The first step in calculating water and sewer system development fees is to determine the cost basis or value for each system (water and sewer system, respectively). Because the purpose of the system development fees is to recover the cost of constructing major backbone infrastructure, the calculation of system value was based on the cost of the water supply, treatment, and transmission system and the wastewater treatment and transmission/force main system. The system development fee does not include the distribution and collection systems nor does it include minor capital items such as equipment, vehicles and meters.

The net system value for use in the determination of the system development fees is calculated using the following approach.

- 1) The existing system assets are analyzed to determine the replacement cost new less depreciation (RCNLD) of the City's existing major water and sewer system components.
- 2) Addition of growth-related capital project spending over the next ten years. This includes projects within the City's capital improvements plan designated to add new capacity to the system, whether partially or entirely.
- 3) Any donated assets and/or assets not funded by the City (funded by grants, developers, etc.) are removed from the system assets.
- 4) The assets are further reduced by any outstanding principal on debt for each system.
- 5) The resulting net system value is divided by the units of service to determine the appropriate system development fees.

The following section outlines the details of the analysis completed during the Study to calculate the water and sewer system development fees.

2.1 TOTAL SYSTEM VALUE

The City provided a detailed asset inventory list which included an asset identification number, a description of the asset, asset type, year placed in service, original cost, net book value and useful life for each water and sewer system asset recorded through FY 2019. These assets were classified by each major system function and a replacement cost new less depreciation was calculated for each asset record using the data provided by the City and the Engineering News Record Construction Cost Index. Schedule 2 in the Appendix presents the summarized RCNLD for the City's existing water and sewer systems based upon the asset records provided by City staff. The assets evaluated as part of the City's system value also include capital projects in progress that will be booked as assets when the construction is complete. The capital projects in progress include construction of the Westside WWTP expansion that is planned to increase the capacity of the plant to a total of 10 million gallons per day (MGD), from the current 8 MGD.

The City also provided a detailed 10-year capital improvement plan (CIP), which outlined the project description, annual spending and an indication of whether the project will expand the capacity of the respective system or repair/replace existing system assets. The City's CIP includes multiple projects that will expand the water and sewer system's capacity over the next ten years, including the City's allocated portion of adding capacity at the PTRWA water treatment plant. Thus, the expansion designated projects were included in the system value given the use of the combined cost method for determining the system development fees. The CIP was classified by each major system function, in a similar manner as the current assets. Schedule 4 in the Appendix presents the CIP included in the total system value. Table 2-1 presents a summary of the calculated total system value for the water and sewer systems.

Table 2-1 Water & Sewer System Value

System	RCNLD of Assets	Growth-Related Capital	Total System Value
Water	\$158,032,360	\$11,120,594	\$169,152,954
Sewer	\$350,407,257	\$32,523,740	\$382,930,997

2.2 CREDITS

The SDF Act requires that the system development fee calculations include provisions for credits against the value of the system to account for assets that were not funded by the municipality and for assets with outstanding debt liabilities. The credits included in Study are discussed below.

Principal on Outstanding Debt

Once the system values were identified for each functional component, an adjustment was then applied in the form of a credit for the principal of all outstanding debt that will be recovered in usage rates after new customers connect to the water and/or sewer systems. Upon connection to either system, new customers will pay monthly usage rates associated with the use of utility service. In addition to the systems' operating costs, the user rates recover the principal and interest payments associated with the debt incurred to fund the capital costs of each water and sewer system. Therefore, in order to avoid a double recovery of those capital costs in the system development fees and user rates, a credit is provided based on the total principal outstanding on debt for each of the water and sewer systems, respectively.

Contributed and Grant Funded Assets

Water and sewer system assets that were donated to the City or funded with grants must be excluded from the system development fee calculation. If the City did not incur the cost of purchasing and/or constructing the asset, they cannot legitimately include the costs in the system value used in the calculation of the system development fee.

The SDF Act requires that the total credit applied in the system development fee calculations be equal to at least 25% of the total system value when the Combined Cost Method is utilized. Table 2-2 presents the determination of the net system value given the credits for outstanding principal and donated assets.

Table 2-2 Net Water and Sewer System Value

System	System Value	Principal Outstanding	Contributed/ Grant Funded Assets	Additional Credit to Meet the 25% Requirement	Net System Value
Water	\$169,152,954	\$30,451,493	\$5,222,241	\$2,702,596	\$130,776,624
Sewer	\$382,930,997	\$90,742,193	\$5,129,113	\$ -	\$287,059,691

2.3 UNITS OF SERVICE

Once the system values were determined and allocated to each system and its functional components, the next step was to determine the water and sewer system total system capacity in order to develop units of service in the respective utility systems. The units of service allow for the development of the unit pricing of water and sewer service which is essential for the determination of system development fees. The specific units of service are discussed below.

2.3.1 Equivalent Residential Units

The units of service related to the provision of water and sewer service are often calculated as Equivalent Residential Units (ERUs). Specifically, the total system capacity (treatment capacity in million gallons per day for each system) divided by the level of service in gallons per day (GPD) is equal to the total number of ERUs the City can serve within the water and sewer systems.



This calculation allows for the determination of a system development fee per ERU. The per ERU system development fee can then be scaled based on the potential demand on the utility system for each new customer joining the system.

2.3.2 System Capacity

For the City's water system, the current treatment plant capacity, including the City's allocated capacity at the Piedmont Triad Regional Water Authority (PTRWA), is permitted for a peak day design capacity of 26.28 MGD. As part of the planned CIP, the City will be increasing the water system treatment capacity to 28.56 MGD as part of the PTRWA expansion to 12 MGD (the City is allocated 19% of the PTRWA capacity). The sewer system's average day capacity among both the Westside and Eastside WWTP is currently 34.20 MGD. The current capital in progress is going to result in an increased capacity at the Westside WWTP, bringing the average day capacity up to 10 MGD, which will provide a total of 36.00

MGD of sewer capacity within the City's service area. Table 2-3 summarizes the capacity for each system used in the fee calculation.

Table 2-3 System Capacity by Function

	Source of Supply/ Treatment	Treatment/ Force Mains
Current Capacity	28.56 ¹ MGD	36.00 ² MGD

¹ Represents the water system's peak day capacity

² Represents the sewer system's average day capacity

2.3.3 Level of Service Standards

In the evaluation of the capital facility needs for providing water and sewer utility services, it is critical that a level of service (LOS) standard be developed. The LOS is an indicator of the extent or degrees of service provided by, or proposed to be provided by a facility, based on and related to the operational characteristics of the facility. Level of service is representative of the capacity per unit of demand for each public facility or service. Level of service standards are established to ensure that adequate facility capacity will be provided for future development and for purposes of issuing development orders or permits.

For water and sewer service, the level of service that is commonly used in the industry is the amount of capacity allocable to an ERU expressed as the amount of usage in gallons on an average day, peak day, or maximum month basis. In this Study, the level of service calculated for the water system was based on the average monthly usage per single family home served by the City over the period past five years (2014-2019), converted to a gallon per day figure. For the sewer system, Stantec used the City's estimate of potential sewerage generation of 90 gallons per bedroom per day for the level of service, with the assumption that one ERU consists of a three-bedroom house. The LOS utilized as part of this process represents peak daily usage per ERU and is presented in Table 2-4 below.

Table 2-4 Level of Service by System Component

Water Source of Supply / Treatment	Sewer Treatment / Disposal
183 gallons per day	270 gallons per day

2.3.4 Calculated Equivalent Residential Units

Based on the system capacity in the water and sewer systems shown in Table 2-3 and the assumed level of service for each system presented in Table 2-4, the total ERU's for each system were determined. Table 2-5 presents the calculation of the ERU's for the water and sewer systems.

Table 2-5 Calculated Equivalent Residential Units

	Water	Sewer
System Capacity	28,560,000 gallons per day	36,000,000 gallons per day
Level of Service	183 gallons per day	270 gallons per day
Calculated ERUs	156,068	133,333

3. SYSTEM DEVELOPMENT FEE RESULTS

This section of the Report summarizes of the results of the Study and the calculated system development fees.

3.1 CALCULATED SYSTEM DEVELOPMENT FEES PER ERU

The determination of the net system value using the combined methodology and the capacity in each system reflected in ERUs provides the basis for the determination of the system development fees per ERU. Table 3-1 presents the calculated system development fees per ERU.

Table 3-1 Calculated System Development Fees Per ERU

	Water	Sewer
Net System Value	\$130,776,624	\$287,059,691
Calculated ERUs	156,068	133,333
System Development Fee per ERU	\$838	\$2,153

3.2 SYSTEM DEVELOPMENT FEE SCALING

To account for the variations in demands that are potentially placed on the water and sewer systems by customers joining the respective systems, it is important establish a system development fee schedule that is aligned with potential use of each system. The most common approach within the utility industry and in North Carolina is to scale the fees based on the size of the new water meter that is connecting to the System. The scaling of the system development fee by meter size thus effectively reflects the potential demand on the system associated with each meter (i.e., the larger the meter, the more capacity that can be drawn on the system). The American Water Works Association (AWWA) publishes meter equivalency factors that reflect the hydraulic capacity of each meter. Tables 3-1 and 3-2 present the scaling factors and the application of the factors to the calculated per ERU system development fee.

Table 3-1 Water System Development Fees by Meter Size

Meter Size	AWWA Meter Equivalent Factors*	System Development Fee
3/4" x 5/8"	1.00	\$838
1"	1.67	\$1,397
1.5"	3.33	\$2,793
2"	5.33	\$4,469
3"	11.67	\$9,777
4"	20.00	\$16,760
6"	45.00	\$37,710

Table 3-2 Sewer System Development Fees by Meter Size

Meter Size	AWWA Meter Equivalent Factors*	System Development Fee
3/4" x 5/8"	1.00	\$2,153
1"	1.67	\$3,588
1.5"	3.33	\$7,177
2"	5.33	\$11,483
3"	11.67	\$25,118
4"	20.00	\$43,060
6"	45.00	\$96,885

*Factors in Tables 3-1 and 3-2 are rounded to the nearest hundredth for presentation purposes.

It is important to note that the City has discretion regarding the percentage of cost recovery utilized in the establishment of the system development fees. The City can impose system development fees up to, but not in excess of, the full cost recovery fees identified in Tables 3-1 and 3-2. Schedules 9 and 10 in the Appendix provide a summary of the calculations used to determine the water and sewer system development fees.

3.3 SYSTEM DEVELOPMENT FEE RECOMMENDATIONS

Based upon the analysis presented herein, the following recommendations are presented for the City's consideration.

- 1) The City should adopt water and sewer system development fees as calculated under the combined cost methodology and presented in Tables 3-1 and 3-2.
- 2) Once adopted, the City should review the system development fee assessment at least every five years to ensure compliance with the SDF Act and to ensure that the fees remain fair and equitable and accurately reflect the City's water and sewer utility cost of capacity. As the City continues to expand its facilities, future changes in technology, demands, development patterns and other factors may necessitate additional adjustments to the calculation of system development fees.

4. FRONT FOOT CHARGE

As mentioned earlier in the Report, the City currently collects a front foot charge for all new water and sewer customer joining the system. With the adoption of a system development fee, Stantec would recommend that the City only collect a front foot charge in the unique circumstance that the City is extending water and/or sewer lines to provide new service or if the City were to install a local distribution or collection system. While these circumstances are not typical, as the developer is most often required to provide the extension or local lines, there may be instances where the City is required to provide this infrastructure. To provide a potential basis for the front foot charge, Stantec has calculated a front foot charge for the water and sewer systems.

The methodology used to calculate the front foot charge was the same as the system development fees. Table 4-1 presents the system value less credits and contributed assets and the resulting net system value for the City's water distribution and sewer collection system.

Table 4-1 Water & Sewer Distribution and Collection System Value

System	Water	Sewer
RCNLD of Assets	\$20,327,644	\$19,208,851
Growth-Related Capital	\$6,575,054	\$30,000,000
Gross System Value	\$26,902,698	\$49,208,851
Less: Credits	(\$10,637,583)	(\$16,959,044)
Net System Value	\$16,265,115	\$32,249,807

Given that the front foot charges are based on the local component of the water and sewer systems, the capacity of each system was based on the linear feet (LF) of local water distribution and/or sewer collection pipe necessary to service the property. Based on discussions with City staff, our analysis assumes that any pipes below 12" in diameter should be considered local distribution or collection lines, respectively. With that, the total linear feet of the water and sewer pipes that fall below 12" in diameter was used as the unit of service in the calculation of the water and sewer front foot charges. The current total linear feet of water distribution pipe is approximately 2,271,366 LF, and the current total LF of the sewer collection system is approximately 3,210,959 LF.

The front foot charge is calculated on a per linear foot basis and should be applied in such way, as presented in Table 4-2.

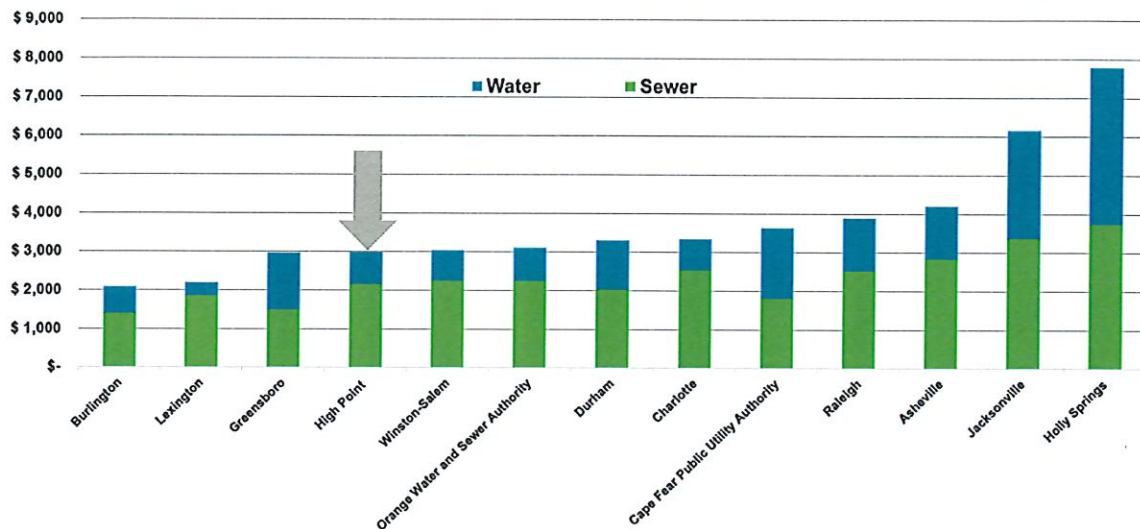
Table 4-2 Calculated Water and Sewer Front Foot Charges

	Water	Sewer
Front Foot Charge (per LF)	\$7.00	\$10.00

5. SYSTEM DEVELOPMENT FEE BENCHMARKING

As part of this Study, Stantec also prepared a local comparison of system development fees in surrounding communities to provide insight as to where the City's fees fall in comparison to local and/or similar communities. Figure 5-1 presents a survey of the combined water and sewer system development fees for a residential home with a 3/4" water meter.

Figure 5-1 Combined Residential Water & Sewer SDF Comparison (3/4" Meter)



Based on the survey, High Point would fall between the City of Greensboro and Winston-Salem if they choose to adopt the calculated system development fees at full cost recovery. Figures 5-2, 5-3, and 5-4 reflect the system development fees by meter size for each of the utilities.

Figure 5-2 Water System Development Fee Benchmarking

Water												
Meter Size	High Point	Greensboro	Burlington	Winston-Salem	Durham	Raleigh	Charlotte	Orange Water and Sewer Authority	Lexington	Cape Fear Public Utility Authority	Asheville	Jacksonville
5/8" or 3/4"	\$ 838	\$ 1,472	\$ 684	\$ 795	\$ 1,277	\$ 1,373	\$ 809	\$ 864	\$ 344	\$ 1,830	\$ 2,058	\$ 4,199
1"	\$ 1,397	\$ 2,450	\$ 1,142	\$ 1,987	\$ 3,193	\$ 3,433	\$ 2,023	\$ 7,338	\$ 860	\$ 4,575	\$ 3,430	\$ 6,999
1.5"	\$ 2,793	\$ 4,900	\$ 2,276	\$ 3,974	\$ 6,385	\$ 6,865	\$ 4,046	\$ 14,666	\$ 1,720	\$ 9,150	\$ 6,860	\$ 13,997
2"	\$ 4,469	\$ 7,844	\$ 3,644	\$ 6,358	\$ 10,216	\$ 10,984	\$ 6,474	\$ 23,466	\$ 2,752	\$ 14,640	\$ 10,976	\$ 22,396
3"	\$ 9,777	\$ 15,684	\$ 6,836	\$ 11,921	\$ 20,432	N/A	\$ 12,948	\$ 46,933	\$ 5,160	\$ 27,450	\$ 21,952	\$ 41,992
4"	\$ 16,760	\$ 24,506	\$ 11,395	\$ 19,868	\$ 31,925	\$ 34,325	\$ 20,232	\$ 73,332	\$ 8,600	\$ 45,750	\$ 34,300	\$ 69,987
6"	\$ 37,710	\$ 49,012	\$ 22,798	\$ 39,737	\$ 63,850	\$ 68,650	\$ 40,463	\$ 146,664	\$ 17,200	\$ 91,500	\$ 68,600	N/A

Figure 5-3 Sewer System Development Fee Benchmarking

Sewer												
Meter Size	High Point	Greensboro	Burlington	Winston-Salem	Durham	Raleigh	Charlotte	Orange Water and Sewer Authority	Lexington	Cape Fear Public Utility Authority	Asheville	Jacksonville
5/8" or 3/4"	\$ 2,153	\$ 1,488	\$ 1,406	\$ 2,246	\$ 2,022	\$ 2,522	\$ 2,541	\$ 2,251	\$ 1,852	\$ 1,800	\$ 4,254	\$ 5,050
1"	\$ 3,588	\$ 2,480	\$ 2,348	\$ 5,614	\$ 5,055	\$ 6,305	\$ 6,352	\$ 14,192	\$ 4,630	\$ 4,500	\$ 7,090	\$ 8,416
1.5"	\$ 7,177	\$ 4,960	\$ 4,681	\$ 11,228	\$ 10,110	\$ 12,610	\$ 12,703	\$ 28,366	\$ 9,260	\$ 9,000	\$ 14,180	\$ 16,832
2"	\$ 11,483	\$ 7,936	\$ 7,493	\$ 17,966	\$ 16,176	\$ 20,176	\$ 20,352	\$ 45,386	\$ 14,816	\$ 14,400	\$ 22,688	\$ 26,932
3"	\$ 25,118	\$ 15,872	\$ 14,058	\$ 33,686	\$ 30,330	N/A	\$ 40,651	\$ 90,773	\$ 27,780	\$ 27,000	\$ 45,376	\$ 50,497
4"	\$ 43,060	\$ 24,800	\$ 23,434	\$ 56,143	\$ 50,550	\$ 63,050	\$ 63,517	\$ 141,832	\$ 46,300	\$ 45,000	\$ 70,900	\$ 84,162
6"	\$ 96,885	\$ 49,598	\$ 46,862	\$ 112,286	\$ 101,100	\$ 126,100	\$ 127,034	\$ 283,664	\$ 92,600	\$ 90,000	\$ 141,800	N/A

Figure 5-4 Combined System Development Fee Benchmarking

Combined Water and Sewer												
Meter Size	High Point	Greensboro	Burlington	Winston-Salem	Durham	Raleigh	Charlotte	Orange Water and Sewer Authority	Lexington	Cape Fear Public Utility Authority	Asheville	Jacksonville
5/8" or 3/4"	\$ 2,991	\$ 2,960	\$ 2,090	\$ 3,041	\$ 3,299	\$ 3,895	\$ 3,350	\$ 3,115	\$ 2,196	\$ 3,630	\$ 6,312	\$ 9,249
1"	\$ 4,985	\$ 4,930	\$ 3,490	\$ 7,601	\$ 8,248	\$ 9,738	\$ 8,375	\$ 21,530	\$ 5,490	\$ 9,075	\$ 10,520	\$ 15,415
1.5"	\$ 9,970	\$ 9,860	\$ 6,957	\$ 15,202	\$ 16,495	\$ 19,475	\$ 16,749	\$ 43,032	\$ 10,980	\$ 18,150	\$ 21,040	\$ 30,829
2"	\$ 15,952	\$ 15,780	\$ 11,137	\$ 24,324	\$ 26,392	\$ 31,160	\$ 26,826	\$ 68,852	\$ 17,568	\$ 29,040	\$ 33,664	\$ 49,328
3"	\$ 34,895	\$ 31,556	\$ 20,894	\$ 45,607	\$ 50,762	N/A	\$ 53,599	\$ 137,706	\$ 32,940	\$ 54,450	\$ 67,328	\$ 92,489
4"	\$ 59,820	\$ 49,306	\$ 34,829	\$ 76,011	\$ 82,475	\$ 97,375	\$ 83,749	\$ 215,164	\$ 54,900	\$ 90,750	\$ 105,200	\$ 154,149
6"	\$ 134,595	\$ 98,610	\$ 69,660	\$ 152,023	\$ 164,950	\$ 194,750	\$ 167,497	\$ 430,328	\$ 109,800	\$ 181,500	\$ 210,400	N/A

The benchmarking tables demonstrates that it is a very common practice to implement system development fees scaled based on meter size and the AWWA meter equivalent factors. All the surveyed communities scale their fees in this manner, except for the Orange Water and Sewer Authority.

6. STUDY RECOMMENDATIONS

This section summarizes the conclusions and recommendations developed during the system development fee study.

6.1 CONCLUSIONS AND RECOMMENDATIONS

Based upon the analysis presented herein, the following conclusions and recommendations are presented for the City's consideration.

- 1) We recommended that the City adopt water and sewer system development fees as calculated under the combined methodology.
- 2) The water and sewer system development fees recommended for adoption are presented below.

Recommended Water System Development Fees by Meter Size

Meter Size	AWWA Meter Equivalent Factors*	System Development Fee
3/4" x 5/8"	1.00	\$838
1"	1.67	\$1,397
1.5"	3.33	\$2,793
2"	5.33	\$4,469
3"	11.67	\$9,777
4"	20.00	\$16,760
6"	45.00	\$37,710

*Factors are rounded to the nearest hundredth for presentation purposes.

Recommended Sewer System Development Fees by Meter Size

Meter Size	AWWA Meter Equivalent Factors*	System Development Fee
3/4" x 5/8"	1.00	\$2,153
1"	1.67	\$3,588
1.5"	3.33	\$7,177
2"	5.33	\$11,483
3"	11.67	\$25,118
4"	20.00	\$43,060
6"	45.00	\$96,885

*Factors are rounded to the nearest hundredth for presentation purposes.

- 3) Once adopted, the City should review the system development fee assessment at least every five years to ensure compliance with the SDF Act and to ensure that the fees remain fair and equitable and accurately reflect the City's water and sewer utility cost of capacity. As the City continues to expand its facilities, future changes in technology, demands, development patterns

and other factors may necessitate additional adjustments to the calculation of system development fees.

- 4) The recommended system development fees should replace the City's current approach of applying an acreage charge and a front foot charge for new connections. However, in the unique circumstance where the City is required to extend water and sewer lines or install local distribution and collection lines the City could also collect a front foot charge. The calculated front foot charge is presented below.

	Water	Sewer
Front Foot Charge (per LF)	\$7.00	\$10.00

Disclaimer

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In preparing this report, Stantec utilized information and data obtained from the City of High Point or public and/or industry sources. Stantec has relied on the information and data without independent verification, except only to the extent such verification is expressly described in this document. Any projections of future conditions presented in the document are not intended as predictions, as there may be differences between forecasted and actual results, and those differences may be material.

Additionally, the purpose of this document is to summarize Stantec's analysis and findings related to this project, and it is not intended to address all aspects that may surround the subject area. Therefore, this document may have limitations, assumptions, or reliance on data that are not readily apparent on the face of it. Moreover, the reader should understand that Stantec was called on to provide judgments on a variety of critical factors which are incapable of precise measurement. As such, the use of this document and its findings by the City of High Point should only occur after consultation with Stantec, and any use of this document and findings by any other person is done so entirely at their own risk.

APPENDIX: SUPPORTING SCHEDULES

- Schedule 1 Fixed Assets Listing and Functional Allocations
- Schedule 2 Summary of Fixed Asset Allocations
- Schedule 3 Capital Improvement Program Listing and Allocations
- Schedule 4 Summary of Capital Improvement Allocations
- Schedule 5 Outstanding Principal by System
- Schedule 6 System Lines by Size
- Schedule 7 Level of Service Used in Fee Calculation
- Schedule 8 Water and Sewer System Capacity
- Schedule 9 Water Fee Calculation
- Schedule 10 Sewer Fee Calculation
- Schedule 11 Calculated Fee Summary

Fixed Assets Listing and Functional Allocations

Schedule 1

Allocation of Assets by System Function															
Asset Number	Asset Group	Asset Description	Original Cost	Life of Asset (Years)	Accumulated Depreciation	Net Book Value	ENR Escalation Factor	RCNLD	% of Asset Contributed or Excluded	Water System				Sewer System	
										Source of Supply/Treatment	Transmission	Distribution	Treatment	Force Main/Transmission	Collection
3015	SEWER	WWWTP UPGRADE PHASE 3	\$ 225,955	30	\$ 67,667	\$ 157,956	1.25	\$ 202,554	0%	\$ -	\$ -	\$ -	\$ 202,554	\$ -	\$ -
3020	SEWER	WESTSIDE WWTP UPGRADE PHASE 3	\$ 269,686	30	\$ 79,766	\$ 189,659	1.25	\$ 245,686	0%	\$ -	\$ -	\$ -	\$ 245,686	\$ -	\$ -
3034	SEWER	INCINERATOR UPGRADE	\$ 1,267	20	\$ 375	\$ 892	1.24	\$ 1,013	0%	\$ -	\$ -	\$ -	\$ 1,013	\$ -	\$ -
6409	SEWER	WESTSIDE WWTP UPGRADE PHASE 3	\$ 743,777	30	\$ 173,538	\$ 570,191	1.21	\$ 691,066	0%	\$ -	\$ -	\$ -	\$ 691,066	\$ -	\$ -
6413	SEWER	INCINERATOR REHAB 2013	\$ 175,196	30	\$ 51,318	\$ 123,877	1.21	\$ 138,018	0%	\$ -	\$ -	\$ -	\$ 138,018	\$ -	\$ -
6591	SEWER	WS WWTP UPGRADE PH3 2013	\$ 61,316	30	\$ 15,316	\$ 46,000	1.10	\$ 51,316	0%	\$ -	\$ -	\$ -	\$ 51,316	\$ -	\$ -
6599	SEWER	INCINERATOR REHAB 2013	\$ 66,964	20	\$ 20,098	\$ 46,866	1.18	\$ 55,417	0%	\$ -	\$ -	\$ -	\$ 55,417	\$ -	\$ -
6597	WATER	LAND DEVELOPMENT SYSTEM 2013	\$ 305,961	0	\$ -	\$ 305,961	1.18	\$ 361,558	0%	\$ 160,778	\$ 160,778	\$ -	\$ -	\$ -	\$ -
6595	SEWER	WS WWTP UPGRADE PH3 2014	\$ 1,784,189	30	\$ 269,031	\$ 1,495,157	1.15	\$ 1,720,030	0%	\$ -	\$ -	\$ -	\$ 1,720,030	\$ -	\$ -
6768	SEWER	INCINERATOR REHAB 2014	\$ 611,733	20	\$ 125,603	\$ 488,800	1.15	\$ 571,663	0%	\$ -	\$ -	\$ -	\$ 571,663	\$ -	\$ -
6769	WATER	WARD WTP P&ID 2014	\$ 63,307	15	\$ 21,132	\$ 42,175	1.15	\$ 48,621	0%	\$ -	\$ -	\$ -	\$ 48,621	\$ -	\$ -
6771	WATER	ACCELA LAND DEV SYSTEM 2014	\$ 132,264	0	\$ -	\$ 132,264	1.12	\$ 152,191	0%	\$ 76,096	\$ 76,096	\$ -	\$ -	\$ -	\$ -
6907	SEWER	WESTSIDE WWTP UPGRADES 2015	\$ 11,723,301	30	\$ 1,565,167	\$ 10,158,134	1.12	\$ 11,451,143	0%	\$ -	\$ -	\$ -	\$ 11,451,143	\$ -	\$ -
6907	SEWER	INCINERATOR REHAB 2015	\$ 9,137,680	20	\$ 1,827,536	\$ 7,310,144	1.12	\$ 8,217,382	0%	\$ -	\$ -	\$ -	\$ 8,217,382	\$ -	\$ -
6907	WATER	WARD WTP P&ID	\$ 10,000	15	\$ 2,667	\$ 7,333	1.12	\$ 8,243	0%	\$ -	\$ -	\$ -	\$ 8,243	\$ -	\$ -
6973	WATER	ACCELA LAND MGMT SYSTEM 2015	\$ 201,975	0	\$ -	\$ 201,975	1.12	\$ 227,039	0%	\$ -	\$ -	\$ -	\$ 227,039	\$ -	\$ -
6976	WATER	WARD ELEVATED TANK 2015	\$ 124,690	0	\$ -	\$ 124,690	1.12	\$ 140,153	0%	\$ -	\$ -	\$ -	\$ 140,153	\$ -	\$ -
7176	SEWER	WESTSIDE WWTP UPGRADE 2016	\$ 10,327,901	30	\$ 1,052,690	\$ 9,274,711	1.09	\$ 10,327,961	0%	\$ -	\$ -	\$ -	\$ 10,327,961	\$ -	\$ -
7177	WATER	WARD WTP P&ID	\$ 67,300	0	\$ -	\$ 67,300	1.09	\$ 73,430	0%	\$ -	\$ -	\$ -	\$ 73,430	\$ -	\$ -
7179	SEWER	INCINERATOR REHAB 2016/2017	\$ 10,001,630	20	\$ 1,500,245	\$ 8,501,385	1.09	\$ 9,274,760	0%	\$ -	\$ -	\$ -	\$ 9,274,760	\$ -	\$ -
7180	WATER	LAND DEVELOPMENT SYSTEM 2016	\$ 100,733	0	\$ -	\$ 100,733	1.09	\$ 109,916	0%	\$ -	\$ -	\$ -	\$ 109,916	\$ -	\$ -
7182	WATER	WARD ELEVATED WATER TANK 2016	\$ 322,860	0	\$ -	\$ 322,860	1.09	\$ 352,204	0%	\$ -	\$ -	\$ -	\$ 352,204	\$ -	\$ -
7183	WATER	WARD WTP ELEC UPGRADE 2016	\$ 89,500	15	\$ 17,600	\$ 71,900	1.09	\$ 78,128	0%	\$ -	\$ -	\$ -	\$ 78,128	\$ -	\$ -
7184	SEWER	BETHEL DRIVE LS IMPR 2016	\$ 47,100	0	\$ -	\$ 47,100	1.09	\$ 51,084	0%	\$ -	\$ -	\$ -	\$ 51,084	\$ -	\$ -
7185	SEWER	OLD THOMASVILLE ROAD LS 2016	\$ 58,281	30	\$ 5,878	\$ 52,453	1.09	\$ 57,205	0%	\$ -	\$ -	\$ -	\$ 57,205	\$ -	\$ -
7187	SEWER	WATERVIEW LS PUMP 2016	\$ 22,202	0	\$ -	\$ 22,202	1.09	\$ 24,188	0%	\$ -	\$ -	\$ -	\$ 24,188	\$ -	\$ -
7188	WATER	OAK HOLLOW RAW WT PUMP 2016	\$ 9,023	0	\$ -	\$ 9,023	1.09	\$ 9,845	0%	\$ -	\$ -	\$ -	\$ 9,845	\$ -	\$ -
7411	SEWER	WESTSIDE WWTP UPGRADE 2017	\$ 2,061,724	30	\$ 197,448	\$ 1,864,276	1.05	\$ 2,061,302	0%	\$ -	\$ -	\$ -	\$ 2,061,302	\$ -	\$ -
7412	WATER	WARD HVAC REHAB 2017	\$ 61,200	0	\$ -	\$ 61,200	1.05	\$ 65,320	0%	\$ -	\$ -	\$ -	\$ 65,320	\$ -	\$ -
7414	WATER	LAND DEVELOPMENT SYSTEM 2017	\$ 79,455	0	\$ -	\$ 79,455	1.05	\$ 85,320	0%	\$ -	\$ -	\$ -	\$ 85,320	\$ -	\$ -
7416	WATER	WARD ELEVATED TANK REPL 2017	\$ 986,404	0	\$ -	\$ 986,404	1.05	\$ 1,036,547	0%	\$ -	\$ -	\$ -	\$ 1,036,547	\$ -	\$ -
7417	WATER	WARD WTP ELEC UPGRADE 2017	\$ 407,730	15	\$ 54,297	\$ 353,433	1.05	\$ 370,840	0%	\$ -	\$ -	\$ -	\$ 370,840	\$ -	\$ -
7418	SEWER	BETHEL DRIVE LS 2017	\$ 23,921	0	\$ -	\$ 23,921	1.05	\$ 25,030	0%	\$ -	\$ -	\$ -	\$ 25,030	\$ -	\$ -
7419	SEWER	OLD THOMASVILLE ROAD LS 2017	\$ 22,202	0	\$ -	\$ 22,202	1.05	\$ 23,391	0%	\$ -	\$ -	\$ -	\$ 23,391	\$ -	\$ -
7420	SEWER	WATERVIEW LS PUMP 2017	\$ 22,202	0	\$ -	\$ 22,202	1.05	\$ 23,391	0%	\$ -	\$ -	\$ -	\$ 23,391	\$ -	\$ -
7421	WATER	WATERSHED PROTECTION PLAN 2017	\$ 114,086	0	\$ -	\$ 114,086	1.05	\$ 119,831	0%	\$ -	\$ -	\$ -	\$ 119,831	\$ -	\$ -
7422	WATER	OAK HOLLOW RAW PUMP 2017	\$ 24,279	0	\$ -	\$ 24,279	1.05	\$ 25,510	0%	\$ -	\$ -	\$ -	\$ 25,510	\$ -	\$ -
7424	SEWER	RIVERDALE FORCE MAIN 2017	\$ 103,412	0	\$ -	\$ 103,412	1.05	\$ 108,659	0%	\$ -	\$ -	\$ -	\$ 108,659	\$ -	\$ -
7426	SEWER	NW SEWER PUT-OUTFALL 2017	\$ 1,616	30	\$ 108	\$ 1,508	1.05	\$ 1,584	0%	\$ -	\$ -	\$ -	\$ 1,584	\$ -	\$ -
7426	SEWER	NW SEWER PUT-ADKINS 2017	\$ 1,099,488	30	\$ 1,099,488	\$ -	1.05	\$ 1,157,018	0%	\$ -	\$ -	\$ -	\$ 1,157,018	\$ -	\$ -
7610	SEWER	WESTSIDE WWTP UPGRADE 2018/19	\$ 1,322,307	30	\$ 44,090	\$ 1,278,268	1.02	\$ 1,303,268	0%	\$ -	\$ -	\$ -	\$ 1,303,268	\$ -	\$ -
7617	WATER	WARD ELEVATED TANK 2018/19	\$ 78,800	0	\$ -	\$ 78,800	1.02	\$ 82,336	0%	\$ -	\$ -	\$ -	\$ 82,336	\$ -	\$ -
7618	SEWER	INCINERATOR REHAB 2018	\$ 2,029,079	30	\$ 24,029	\$ 2,005,050	1.02	\$ 2,078,105	0%	\$ -	\$ -	\$ -	\$ 2,078,105	\$ -	\$ -
7621	WATER	WARD ELEVATED TANK 2018/2019	\$ 1,036,019	0	\$ -	\$ 1,036,019	1.02	\$ 1,073,818	0%	\$ -	\$ -	\$ -	\$ 1,073,818	\$ -	\$ -
7622	WATER	WARD WTP ELEC UPGRADE 2018	\$ 583,627	0	\$ -	\$ 583,627	1.02	\$ 606,022	0%	\$ -	\$ -	\$ -	\$ 606,022	\$ -	\$ -
7623	SEWER	BETHEL DRIVE LS 2018	\$ 710,693	30	\$ 23,640	\$ 687,053	1.02	\$ 709,286	0%	\$ -	\$ -	\$ -	\$ 709,286	\$ -	\$ -
7624	SEWER	OLD THOMASVILLE ROAD LS 2018	\$ 1,147,684	30	\$ 23,640	\$ 1,124,044	1.02	\$ 1,170,397	0%	\$ -	\$ -	\$ -	\$ 1,170,397	\$ -	\$ -
7625	SEWER	SEWER CAPACITY MODEL 2018	\$ 200,910	30	\$ 6,697	\$ 194,213	1.02	\$ 199,005	100%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
7626	WATER	WATERVIEW PUMP STATION 2018	\$ 386,077	30	\$ 12,869	\$ 373,208	1.02	\$ 380,404	0%	\$ -	\$ -	\$ -	\$ 380,404	\$ -	\$ -
7627	WATER	WATERSHED PROTECTION PLAN 2018	\$ 43,940	0	\$ -	\$ 43,940	1.02	\$ 45,696	0%	\$ -	\$ -	\$ -	\$ 45,696	\$ -	\$ -
7628	WATER	OAK HOLLOW RAW PUMP 2018	\$ 7,430	0	\$ -	\$ 7,430	1.02	\$ 7,683	0%	\$ -	\$ -	\$ -	\$ 7,683	\$ -	\$ -
7630	WATER	WIS MASTER CAPACITY PLAN	\$ 35,423	0	\$ -	\$ 35,423	1.02	\$ 36,115	0%	\$ -	\$ -	\$ -	\$ 36,115	\$ -	\$ -
7631	SEWER	RIVERDALE FORCE MAIN 2018	\$ 613,343	0	\$ -	\$ 613,343	1.02	\$ 625,318	0%	\$ -	\$ -	\$ -	\$ 625,318	\$ -	\$ -
7632	SEWER	NW SEWER - ADKINS OUTFALL 2018	\$ 76,072	0	\$ -	\$ 76,072	1.02	\$ 78,338	0%	\$ -	\$ -	\$ -	\$ 78,338	\$ -	\$ -
7634	WATER	SCADA SYSTEM UPGRADE 2018	\$ 19,240	0	\$ -	\$ 19,240	1.02	\$ 19,616	0%	\$ -	\$ -	\$ -	\$ 19,616	\$ -	\$ -
7636	WATER	CATALYST WATER UPGRADES 2018	\$ 183,899	0	\$ -	\$ 183,899	1.02	\$ 187,489	0%	\$ -	\$ -	\$ -	\$ 187,489	\$ -	\$ -
7637	SEWER	CATALYST SEWER UPGRADE 2018	\$ 157,733	0	\$ -	\$ 157,733	1.02	\$ 160,812	0%	\$ -	\$ -	\$ -	\$ 160,812	\$ -	\$ -
7638	SEWER	MEADOWCREEK OUTFALL 2018	\$ 2,488	0	\$ -	\$ 2,488	1.02	\$ 2,537	0%	\$ -	\$ -	\$ -	\$ 2,537	\$ -	\$ -
7639	SEWER	INCINERATOR MERC CONTROL 2018	\$ 676,882	0	\$ -	\$ 676,882	1.02	\$ 690,097	0%	\$ -	\$ -	\$ -	\$ 690,097	\$ -	\$ -
7640	SEWER	TANGLERBROOK NCSW SEWER 2018	\$ 1,962	0	\$ -	\$ 1,962	1.02	\$ 2,017	0%	\$ -	\$ -	\$ -	\$ 2,017	\$ -	\$ -
7667	WATER	WARD HVAC REHAB 2019	\$ 421,385	0	\$ -	\$ 421,385	1.00	\$ 421,385	0%	\$ -	\$ -	\$ -	\$ 421,385	\$ -	\$ -
7669	SEWER	INCINERATOR REHAB 2019	\$ 1,641,159	0	\$ -	\$ 1,641,159	1.00	\$ 1,641,159	0%	\$ -	\$ -	\$ -	\$ 1,641,159	\$ -	\$ -
7670	WATER	LAND DEVELOPMENT SYSTEM 2019	\$ 57,650	0	\$ -	\$ 57,650	1.00	\$ 57,650	0%	\$ -	\$ -	\$ -	\$ 57,650	\$ -	\$ -
7672	WATER	WARD WTP ELEC UPGRADE 2019	\$ 1,492,944	0	\$ -	\$ 1,492,944	1.00	\$ 1,492,944	0%	\$ -	\$ -	\$ -	\$ 1,492,944	\$ -	\$ -
7673	SEWER	SEWER CAPACITY MODEL 2019	\$ 208,248	0	\$ -	\$ 208,248	1.00	\$ 208,248	100%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
7674	SEWER	WATERVIEW PUMP STATION 2019	\$ 16,483	30	\$ 16,483	\$ -	1.00	\$ 16,483	0%	\$ -	\$ -	\$ -	\$ 16,483	\$ -	\$ -
7675	WATER	WATERSHED PROTECTION PLAN 2019	\$ 150,224	0	\$ -	\$ 150,224	1.00	\$ 150,224	0%	\$ -	\$ -	\$ -	\$ 150,224	\$ -	\$ -
7676	WATER	OAK HOLLOW RAW PUMP 2019	\$ 466,449	0	\$ -	\$ 466,449	1.00	\$ 466,449	0%	\$ -	\$ -	\$ -	\$ 466,449	\$ -	\$ -
7678	WATER	WIS MASTER CAPACITY PLAN 2019	\$ 157,697	0	\$ -	\$ 157,697	1.00	\$ 157,697	0%	\$ -	\$ -	\$ -	\$ 157,697	\$ -	\$ -
7679	SEWER	RIVERDALE FORCE MAIN 2019	\$ 24,702	0	\$ -	\$ 24,702	1.00	\$ 24,702							

Schedule 1

Fixed Assets Listing and Functional Allocations

										Allocation of Assets by System Function					
Asset Number	Asset Group	Asset Description	Original Cost	Life of Asset (Years)	Accumulated Depreciation	Net Book Value	ENR Escalation Factor	RCNLD	% of Asset Contributed or Excluded	Water System			Sewer System		
										Source of Supply/Treatment	Transmission	Distribution	Treatment	Force Main/Transmission	Collection
630	WATER	NEW ROOF	25,510	20	25,510	-	2.50	-	0%	-	-	-	-	-	-
631	WATER	RENOVATION WARD WATER PLANT	349,440	20	349,440	-	2.50	-	0%	-	-	-	-	-	-
632	WATER	RENOVATION WARD WATER PLANT	377,725	20	377,725	-	2.06	-	0%	-	-	-	-	-	-
633	WATER	WARD ST WATER PLANT RENOV	3,104,717	30	2,380,783	724,434	2.01	1,453,044	0%	1,453,044	-	-	-	-	-
634	WATER	WARD ST WATER PLANT RENOV	3,343,332	30	1,426,714	1,815,818	1.94	3,516,683	0%	3,516,683	-	-	-	-	-
635	WATER	WARD ST WATER PLANT RENOV	8,790	20	8,790	3,062	1.91	9,104	0%	9,104	-	-	-	-	-
636	WATER	WARD ST WATER PLANT RENOV	6,663,048	50	2,796,476	3,864,567	1.91	7,363,962	0%	7,363,962	-	-	-	-	-
637	WATER	WARD ST WATER PLANT RENOV	646,620	50	272,424	376,205	1.91	716,861	0%	716,861	-	-	-	-	-
638	WATER	WARD ST WATER PLANT RENOV	17,420	50	6,668	10,453	1.86	19,459	0%	19,459	-	-	-	-	-
639	WATER	WARD ST WATER PLANT RENOV	1,875,220	50	669,266	1,003,943	1.89	1,869,153	0%	1,869,153	-	-	-	-	-
640	WATER	WARD ST PLANT RENOV	5,146	50	1,955	3,190	1.81	5,785	0%	5,785	-	-	-	-	-
641	WATER	WARD ST WATER PLANT RENOV	20,000	50	9,364	12,545	1.86	23,357	0%	23,357	-	-	-	-	-
642	WATER	WARD ST WATER PLANT IMPROV	560,864	50	224,566	366,398	1.81	664,422	0%	664,422	-	-	-	-	-
643	WATER	WARD ST PLANT RENOV	25,805	50	9,200	16,515	1.78	29,376	0%	29,376	-	-	-	-	-
644	WATER	WATER PLANT AUDITORIUM	675,716	45	345,366	330,350	2.01	662,878	0%	662,878	-	-	-	-	-
645	WATER	AERATION BLDG, OAKHOLLOW	115,347	30	103,612	11,535	2.25	26,105	0%	26,105	-	-	-	-	-
646	WATER	AERATION BLDG, OAKHOLLOW	9,553	30	8,279	1,274	2.17	2,758	0%	2,758	-	-	-	-	-
647	WATER	AERATION SYS, OAKHOLLOW	33,200	30	22,133	11,067	1.86	20,604	0%	20,604	-	-	-	-	-
648	WATER	AERATION SYS, OAKHOLLOW	186,736	50	25,330	42,308	1.91	76,720	0%	76,720	-	-	-	-	-
649	WATER	AERATION SYS, OAKHOLLOW	27,725	50	9,612	17,443	1.78	31,028	0%	31,028	-	-	-	-	-
650	WATER	WATER TOWER HOOD ST	64,500	25	64,500	-	3.19	-	0%	-	-	-	-	-	-
651	WATER	KEARNS PLANT RENOV	6,656	30	6,656	-	2.03	-	0%	-	-	-	-	-	-
652	WATER	KEARNS PLANT RENOV	13,846	30	13,846	-	2.56	-	0%	-	-	-	-	-	-
653	WATER	KEARNS PLANT RENOV	35,785	30	35,785	-	2.59	-	0%	-	-	-	-	-	-
654	WATER	RENOVATION E KEARNS WATER PLT	130,043	30	130,043	-	2.44	-	0%	-	-	-	-	-	-
655	WATER	RENOVATION E KEARNS WATER PLT	462,236	30	388,863	73,413	2.30	31,071	0%	31,071	-	-	-	-	-
656	WATER	RENOVATION E KEARNS WATER PLT	7,423	30	6,681	742	2.30	1,680	0%	1,680	-	-	-	-	-
657	WATER	KEARNS WATER PLANT RENOV	37,002	30	39,125	11,007	2.01	23,850	0%	23,850	-	-	-	-	-
658	WATER	KEARNS WATER PLANT RENOV	99,750	30	95,608	13,942	2.01	27,975	0%	27,975	-	-	-	-	-
659	WATER	KEARNS WATER PLANT RENOVATION	148,753	45	127,075	85,646	1.81	159,426	0%	159,426	-	-	-	-	-
660	WATER	KEARNS WATER PLANT RENOV	74,098	45	26,346	47,752	1.69	80,470	0%	80,470	-	-	-	-	-
661	SEWER	SLUDGE INCINERATOR	184,824	30	162,353	35,471	2.09	67,741	0%	67,741	-	-	-	-	-
662	SEWER	SLUDGE REMOVAL DESIGN	65,098	30	52,137	10,965	2.06	17,410	0%	17,410	-	-	-	-	-
663	SEWER	SLUDGE INCINERATOR	42,217	30	33,774	8,443	2.06	17,410	0%	17,410	-	-	-	-	-
664	SEWER	EASTSIDE AERATION SYS, IMPROV	815,769	30	625,615	163,154	2.06	336,410	0%	336,410	-	-	-	-	-
665	SEWER	SEWER PLANT AUDITORIUM	19,166,173	45	5,213,077	4,884,796	2.01	10,002,457	0%	10,002,457	-	-	-	-	-
666	SEWER	WESTSIDE IMPROVEMENT	42,279	30	36,988	5,661	2.17	12,321	0%	12,321	-	-	-	-	-
667	SEWER	ROOF WESTSIDE TREATMENT PLANTS	34,600	15	34,600	-	2.09	-	0%	-	-	-	-	-	-
668	SEWER	WESTSIDE IMPROVEMENT	45,932	30	40,674	5,258	2.17	13,549	0%	13,549	-	-	-	-	-
669	SEWER	WESTSIDE IMPROVEMENTS	186,878	30	159,722	31,146	2.09	64,078	0%	64,078	-	-	-	-	-
670	SEWER	WESTSIDE IMPROVEMENTS	5,803	30	4,714	1,079	2.06	2,420	0%	2,420	-	-	-	-	-
671	SEWER	WESTSIDE PLANT IMPROV	136,672	50	61,016	77,856	1.94	150,396	0%	150,396	-	-	-	-	-
672	SEWER	WESTSIDE PLANT IMPROV	306,755	50	129,627	179,078	1.91	341,234	0%	341,234	-	-	-	-	-
673	SEWER	SODIUMHYPOCHLORITE STORAGE ENC	56,270	5	56,270	-	1.46	-	0%	-	-	-	-	-	-
674	SEWER	One hollow Road Building	60,000	20	36,000	24,000	1.42	33,084	0%	33,084	-	-	-	-	-
675	WATER	STORAGE BUILDING IMPROV, WARD	27,064	20	12,628	11,436	1.42	11,631	0%	11,631	-	-	-	-	-
676	SEWER	ROOF REPLACEMENT/RESIDUALS MGMT	46,700	20	33,350	27,215	1.36	37,082	0%	37,082	-	-	-	-	-
677	SEWER	RIVERDALE VPD PUMP STATION	440,830	30	146,943	293,887	1.32	386,564	0%	386,564	-	-	-	-	-
678	WATER	809 ARDEN ROAD	0	7	0	-	8.17	-	0%	-	-	-	-	-	-
679	WATER	811 ARDEN ROAD	0	7	0	-	8.17	-	0%	-	-	-	-	-	-
680	WATER	PREFAB 30 X 50 KEARNS	37,588	20	37,588	-	2.44	-	0%	-	-	-	-	-	-
681	WATER	11 X 12 POLYMER FEED	12,800	10	12,800	-	1.91	-	0%	-	-	-	-	-	-
682	WATER	REPAIR KEARNS PLANT	177,858	30	177,858	-	2.06	-	0%	-	-	-	-	-	-
683	SEWER	EASTSIDE IMPROVEMENTS	127,858	30	127,858	-	2.03	-	0%	-	-	-	-	-	-
684	SEWER	WESTSIDE IMPROVEMENTS	128,803	30	128,803	-	2.09	-	0%	-	-	-	-	-	-
685	SEWER	WESTSIDE IMPROVEMENTS	14,815	30	14,815	-	2.63	-	0%	-	-	-	-	-	-
686	SEWER	WESTSIDE IMPROVEMENTS	235,714	30	235,714	-	2.29	-	0%	-	-	-	-	-	-
687	SEWER	RAW WATER PUMPING STATION	0	0	0	-	8.17	-	0%	-	-	-	-	-	-
688	SEWER	EXCAVATION AND FOUNDATION	19,470	45	19,470	-	13.69	-	0%	-	-	-	-	-	-
689	SEWER	GENERAL CONSTRUCTION	33,720	45	33,720	-	13.69	-	0%	-	-	-	-	-	-
690	SEWER	INTERIOR CONSTRUCTION	30,000	22	30,000	-	13.69	-	0%	-	-	-	-	-	-
691	SEWER	ROOF	8,620	15	8,620	-	13.69	-	0%	-	-	-	-	-	-
692	SEWER	ELECTRICAL	16,500	15	16,500	-	13.69	-	0%	-	-	-	-	-	-
693	SEWER	PLUMBING	11,600	20	11,600	-	13.69	-	0%	-	-	-	-	-	-
694	SEWER	HEATING	12,300	20	12,300	-	13.69	-	0%	-	-	-	-	-	-
695	SEWER	ARCHITECT FEES	12,360	45	12,360	-	13.69	-	0%	-	-	-	-	-	-
696	SEWER	PUMPHOUSE ONE STORY	0	7	0	-	8.17	-	0%	-	-	-	-	-	-
697	SEWER	GENERAL CONSTRUCTION	13,100	45	13,100	-	10.50	-	0%	-	-	-	-	-	-
698	SEWER	PLUMBING	6,350	20	6,350	-	10.50	-	0%	-	-	-	-	-	-
699	SEWER	ROOF SHADYBROOK LIFT STATION	5,807	15	5,807	-	2.06	-	0%	-	-	-	-	-	-
700	SEWER	LIFT STATION TANGLE WOOD	7,115	45	7,115	-	12.05	-	0%	-	-	-	-	-	-
701	SEWER	LIFT STATION CORPORATION	3,287	45	3,287	-	11.07	-	0%	-	-	-	-	-	-
702	SEWER	LIFT STATION FOXWOOD	14,613	45	14,613	-	8.69	-	0%	-	-	-	-	-	-
703	SEWER	LIFT STATION BETHEL DRIVE	14,613	45	14,613	-	8.69	-	0%	-	-	-	-	-	-
704	SEWER	LIFT STATION LAKECREST	14,609	45	14,609	-	7.74	-	0%	-	-	-	-	-	-
705	SEWER	LIFT STATION LAKE FOREST	11,246	45	10,746	500	4.70	2,348	0%	2,348	-	-	-	-	-
706	SEWER	LIFT STATION SWARTHMORE	25,052	45	24,794	1,153	4.70	5,419	0%	5,419	-	-	-	-	-
707	SEWER	LIFT STATION OLD THOMASVI	35,277	45	34,821	1,348	4.70	6,323	0%	6,323	-	-	-	-	-
708	SEWER	RETURN SLUDGE PUMP	0	10	0	-	8.17	-	0%	-	-	-	-	-	-
709	SEWER	GENERAL CONSTRUCTION	14,750	45	14,750	-	10.50	-	0%	-	-	-	-	-	-
710	SEWER	INTERIOR CONSTRUCTION	5,000	20	5,000	-	10.50	-	0%	-	-	-	-	-	-
711	SEWER	PLUMBING	5,000	20	5,000	-	10.50	-	0%	-	-	-	-	-	-
712	SEWER	PERKIE CLORIDE ONE STORY	0	7	0	-	8.17	-	0%	-	-	-	-	-	-

Fixed Assets Listing and Functional Allocations

Schedule 1

Allocation of Assets by System Function																
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										Source of Supply/Treatment	Transmission	Distribution	Treatment	Force Main/Transmission	Collection	
5905	SEWER	ROOF EASTSIDE TREATMENT PLANTS	55,206	15	55,206		2.00		0%							
5906	SEWER	EASTSIDE PLANT IMPROVEMENTS	10,727	30	7,569	18,729	2.00		38,653							
5907	SEWER	EASTSIDE PLANT IMPROVEMENTS	17,600	30	12,600	3,400	2.00		7,011							
5908	SEWER	EASTSIDE PLANT IMPROVEMENTS	10,305	30	7,444	3,861	2.00		7,961							
5909	SEWER	EASTSIDE PLANT IMPROV	911,406	30	640,789	407,019	1.94		850,235							
5940	SEWER	EASTSIDE PLANT IMPROV	790,437	30	561,704	270,617	1.91		688,464							
5941	SEWER	EASTSIDE PLANT IMPROV	138,253	30	98,781	49,472	1.86		124,437							
5942	SEWER	EASTSIDE PLANT UPGRADE	47,891	30	34,191	13,700	1.78		54,487							
5943	SEWER	EASTSIDE PLANT UPGRADE	10,315,786	50	7,221,653	3,094,133	1.78		11,741,651							
5944	SEWER	EASTSIDE PLANT UPGRADE	107,900	50	76,534	30,366	1.78		122,808							
5945	SEWER	EASTSIDE PLANT UPGRADE	899,760	50	629,920	269,846	1.73		1,024,680							
5946	SEWER	EASTSIDE PLANT UPGRADE	159,053	50	111,900	44,153	1.69		1,024,680							
5947	SEWER	EASTSIDE PLANT UPGRD TR P33MJB	1,112,300	50	785,708	316,592	1.59		755,223							
5948	SEWER	STORAGE ONE	0	7	0	0	8.17		1,234,600							
5949	SEWER	NICKLAND CR CONSTRUCTION	3,176,061	45	2,570,317	555,744	2.96		1,639,104							
5950	SEWER	LIFT STATION	400,330	45	311,850	88,480	2.72		242,063							
5955	SEWER	LIFT STATION, SHADYBROOK	9,881	45	7,441	2,440	17.02									
5959	SEWER	RENOVATION EASTSIDE TREAT	380,667	20	380,667		2.01									
5963	SEWER	EASTSIDE WWTPL ROOFTOP WALKWAY	22,115	15	16,330	11,705	1.92		14,295							
1470	SEWER	CYCLOPS CAMERA	15,310	5	15,310		1.92									
5778	WATER	SYSTEM WATERPROOF	17,887	10	17,887		2.01									
5786	WATER	MICROSCOPE VIDEO MONITOR SYS	7,150	5	7,150		2.38									
5817	WATER	SYSTEM DIGITAL CAMERA, LEICA	7,368	5	7,368		1.73									
5815	WATER	LEICA DC 300 CAMERA	7,368	8	7,368		1.73									
5820	SEWER	SEWER COLOR SYS CAMERA	4,460	10	4,460		1.78									
5885	SEWER	SEWER TELEVISION	45,154	10	45,154		1.69									
5888	SEWER	COLOR SYSTEM CAMERA	7,660	5	7,660		1.69									
5923	SEWER	ROVER X CAMERA SYSTEM	87,364	5	87,364		1.15									
717	WATER	AUTO ON QUICKSCAN ANALYZER	39,680	10	39,680		2.09									
606	SEWER	COMPUTER SYS. MICRO	10,717	10	10,717		2.08									
607	SEWER	SYS MICRO COMPUTER	14,475	10	14,475		2.17									
5956	SEWER	MAINTENANCE NETWORK	86,331	5	86,331		1.32									
5788	WATER	MICRO-STERILIZER COMPUTER	20,890	10	20,890		2.08									
5790	WATER	MINI MATE PLUS	5,512	8	5,512		2.26									
5903	WATER	DELL SERVER	5,932	8	5,932		1.86									
5909	WATER	DELL POWER EDGE COMPUTER	7,789	8	7,789		1.78									
5932	SEWER	TRIMBLE GEOEXPLORER COMPUTER	7,275	8	7,275		1.69									
5902	SEWER	COMPUTER SYS.	10,025	10	10,025		2.63									
451	WATER	TOP BASIS SPICYROMETER	124,687	10	37,405	87,281	1.09	65,238								
452	WATER	TRAVELING 20 FT CRANE	5,085	22	3,689	13,889	1.69									
454	WATER	WATER ALLIS CHALMERS PUMP	30,000	22	22,500	7,500	1.69									
453	WATER	WATER DE LAVAL PUMP	10,000	22	7,500	2,500	1.69									
454	WATER	WATER DE LAVAL PUMP	10,000	22	7,500	2,500	1.69									
455	WATER	DIESEL ENGINE FAIRBANKS-	20,000	22	15,000	5,000	1.69									
456	WATER	EMERGENCY GENERATOR	10,000	22	7,500	2,500	1.69									
457	WATER	PUMP PHILADELPHIA GLEAM	31,500	22	23,625	7,875	1.69									
458	WATER	PUMP VERULINE LAYNE &	21,500	22	16,125	5,375	1.69									
459	WATER	INDUCTION MOTOR SQUIRREL	17,500	22	13,125	4,375	1.69									
460	WATER	POWER DRY	38,500	22	29,125	9,375	1.69									
616	WATER	WATER TOWER #1 100000	217,500	22	163,125	54,375	1.69									
621	WATER	WATER TOWER #2 WELDED	192,800	22	144,600	48,200	1.69									
684	WATER	MIXERS (2) SUBMERSIBLE	14,400	5	14,400		1.69									
605	SEWER	WESTSIDE TREATMENT PLANT	5,170	30	5,170	2,128	1.69	4,270								
608	SEWER	SAMPLER	6,672	10	6,672		2.50									
1467	SEWER	ARCEDITOR CONCURRENT	5,600	5	5,600		1.99									
1468	SEWER	LUMBERJACK ROOT & GREASE	10,805	5	10,805		1.99									
1469	SEWER	LUMBERJACK ROOT & GREASE	10,805	5	10,805		1.99									
1471	SEWER	PULSAR SAND BLASTER	6,878	5	6,878		1.92									
1472	SEWER	MAYO TR. FROM MAG MUMP	13,581	5	13,581		1.99									
1473	SEWER	GRAPHITE FURNACE	8,338	5	8,338		1.99									
1668	SEWER	Pump Station Improv. TR-FMDT	72,677	40	26,437	47,240	1.52	71,572								
1736	SEWER	COMPRESSION, SOUNDPROOF	5,295	5	5,295		1.92									
1739	SEWER	ASAS UNIT	15,358	5	15,358		1.92									
1740	SEWER	ASAS UNIT	15,358	5	15,358		1.92									
1741	SEWER	ASAS UNIT	15,358	5	15,358		1.92									
1742	SEWER	ASAS UNIT	15,358	5	15,358		1.92									
1744	SEWER	REAGENT PUMP	6,050	5	6,050		1.92									
1746	SEWER	Water Pump and Decanter	5,171	10	5,171		1.92									
1750	SEWER	Jet-Away Lament Machine	39,141	5	39,141		1.46									
1751	SEWER	Pier Mounted Drive	23,049	5	23,049		1.46									
1753	SEWER	CIVIL WORKS SECURITY SYSTEM	65,600	5	65,600		1.46									
1754	SEWER	LOW PRESSURE NONPORTBL HS PUMP	9,917	5	9,917		1.46									
1799	SEWER	Chemical Pulverizer	8,185	5	8,185		1.46									
1800	SEWER	LIQUID FILL-FLATATION UNIT	26,375	5	26,375		1.46									
1801	SEWER	POWER UNIT	18,415	5	18,415		1.46									
1802	SEWER	MOYNO MECHANICAL SEAL	8,786	5	8,786		1.46									
1862	SEWER	Randelman Lake Buffer Crossing	152,171	5	152,171		1.46									
2010	SEWER	2 Conveyors	17,600	5	17,600		1.46									
2031	WATER	Bob Loader	28,685	5	28,685		1.46									
2060	SEWER	Security System	60,400	15	48,320	12,080	1.42	17,105								
2074	SEWER	Pier mounted Drive	24,943	5	24,943		1.42									
2076	SEWER	Turntable - kmmachinco	17,135	5	17,135		1.42									
2108	SEWER	Articulated Boom Lift	51,830	5	51,830		1.42									
2121	SEWER	Mono Pump	66,050	5	66,050		1.46									
2265	WATER	ASPHALT ZIPPER	5,887	5	5,887		1.36									
2276	WATER	LASER ALIGNMENT TOOL	6,975	5	6,975		1.36									
2379	WATER	PUMP P. CORMAN RUPP TBA715B	6,975	5	6,975		1.36									
2390	SEWER	VENTURI SCOURER	62,000	5	62,000		1.42									
2381	WATER	WEMCO HYDROSTATIC PUMP	17,228	5	17,228		1.42									
2382	WATER	WEMCO HYDROSTATIC PUMP	17,228	5	17,228		1.42									
2383	WATER	SAFERACK MOBILE ACCESS UNIT	11,971	5	11,971		1.36									
2384	WATER	COUPLING MAGNADRIVE	26,115	10	26,115											

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2711	SEWER	INCINERATOR CONVEYOR	\$ 253,213	10	\$ 253,213	\$ (0)	1.32	\$ (0)	0%	\$ -	\$ -	\$ -	\$ -	\$ (0)	\$ -
2710	SEWER	INCINERATOR HEAT EXCHANGER	\$ 223,111	10	\$ 223,111	\$ 301,960	1.32	\$ 301,960	0%	\$ -	\$ -	\$ -	\$ -	\$ 301,960	\$ -
2716	WATER	PULPATOR GUARDRAIL & CATWALK	\$ 83,883	20	\$ 51,636	\$ 42,247	1.36	\$ -	57,354	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2893	SEWER	POLYMER PREPARATION SYSTEM	\$ 7,575	10	\$ 7,575	\$ -	1.32	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2894	SEWER	POLYMER PREPARATION SYSTEM	\$ 7,575	10	\$ 7,575	\$ -	1.32	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2895	SEWER	POLYMER PREPARATION SYSTEM	\$ 7,575	10	\$ 7,575	\$ -	1.32	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2896	SEWER	POLYMER PREPARATION SYSTEM	\$ 7,575	10	\$ 7,575	\$ -	1.32	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2897	SEWER	POLYMER PREPARATION SYSTEM	\$ 7,575	10	\$ 7,575	\$ -	1.32	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2898	WATER	EWWTIP ODOR CONTROL	\$ 567,265	10	\$ 567,265	\$ -	1.32	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3054	WATER	KEARNS WTP AUTOMATION STUDY	\$ 12,000	5	\$ 12,000	\$ -	1.32	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3057	SEWER	EWWTIP INCINERATOR SLOWER	\$ 18,406	10	\$ 18,406	\$ -	1.32	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3062	WATER	WATER SYS SECURITY IMPROVEMNTS	\$ 333,841	10	\$ 333,841	\$ -	1.32	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5746	WATER	FILTER CONSOLE	\$ 11,642	10	\$ 11,642	\$ -	2.33	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5750	WATER	FILTER CONSOLE	\$ 11,642	10	\$ 11,642	\$ -	2.33	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5751	WATER	FILTER CONSOLE	\$ 11,642	10	\$ 11,642	\$ -	2.33	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5752	WATER	FILTER CONSOLE	\$ 11,642	10	\$ 11,642	\$ -	2.33	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5753	WATER	SCROLL CHILLER	\$ 19,827	10	\$ 19,827	\$ -	2.33	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5754	WATER	STEAMING CURRENT CONTROLLER	\$ 10,763	10	\$ 10,763	\$ -	2.26	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5755	WATER	DREKGL ROTOMITE 180 P	\$ 104,839	15	\$ 104,839	\$ -	2.06	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5756	WATER	DYNABEND PUMP	\$ 9,695	5	\$ 9,695	\$ -	2.01	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5759	WATER	PUMP, ALUMSHARK	\$ 12,000	8	\$ 12,000	\$ -	1.81	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5760	WATER	MONITOR, STEAMING CURRENT	\$ 7,773	5	\$ 7,773	\$ -	1.73	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5761	WATER	MONITOR, STEAMING CURRENT	\$ 7,773	5	\$ 7,773	\$ -	1.73	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5762	WATER	PUMPKY PUMP	\$ 22,500	5	\$ 22,500	\$ -	1.73	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5765	WATER	POWER SUPPLY, UNINTERRUPTED	\$ 20,681	10	\$ 20,681	\$ -	2.38	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5766	WATER	POWER SUPPLY, UNINTERRUPTED	\$ 20,681	10	\$ 20,681	\$ -	2.38	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5768	WATER	MULLER TAPPING MCH	\$ 22,419	10	\$ 22,419	\$ -	2.30	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5771	WATER	PENKIN ELMER SPECTROPHOTOMETER	\$ 92,170	10	\$ 92,170	\$ -	2.26	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5773	WATER	SHORING SHIELD, HYDRAULIC	\$ 9,378	5	\$ 9,378	\$ -	2.26	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5774	WATER	SHORING SHIELD, HYDRAULIC	\$ 7,817	5	\$ 7,817	\$ -	2.26	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5775	WATER	HYDRAULIC SHIELD	\$ 16,348	10	\$ 16,348	\$ -	2.17	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5777	WATER	SHORING SHIELD	\$ 10,512	8	\$ 10,512	\$ -	2.06	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5784	WATER	MASS SPECTROMETER	\$ 146,676	20	\$ 146,676	\$ -	2.44	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5785	WATER	ARTHUR RESPIROMETER	\$ 5,333	8	\$ 5,333	\$ -	2.44	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5789	WATER	MICROSCOPE, INVENTED	\$ 16,846	10	\$ 16,846	\$ -	2.20	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5791	WATER	BIOLOGICAL INCUBATOR	\$ 20,528	10	\$ 20,528	\$ -	2.01	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5792	WATER	ORGANIC CARBON ANALYZER	\$ 20,528	10	\$ 20,528	\$ -	2.06	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5794	WATER	ATOMIC ANALYST SPECTROMETER	\$ 19,528	10	\$ 19,528	\$ -	1.84	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5795	WATER	PERCIVAL INDUCTOR	\$ 8,450	8	\$ 8,450	\$ -	1.84	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5797	WATER	LACHAT INSTRUMENTS UPGRADE	\$ 21,949	8	\$ 21,949	\$ -	1.84	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5798	WATER	GASTLE STERILIZER	\$ 28,719	8	\$ 28,719	\$ -	1.81	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5800	WATER	FLOW METER W/LOTTER-ISCO	\$ 5,006	8	\$ 5,006	\$ -	1.81	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5803	WATER	FLOW METER W/LOTTER-ISCO	\$ 5,006	8	\$ 5,006	\$ -	1.81	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5801	WATER	FLOW METER W/LOTTER-ISCO	\$ 5,006	8	\$ 5,006	\$ -	1.81	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5802	WATER	FLOW METER W/LOTTER-ISCO	\$ 5,006	8	\$ 5,006	\$ -	1.81	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5804	WATER	PERCIVAL WALKIN REFRIGERATOR	\$ 42,370	10	\$ 42,370	\$ -	1.81	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5805	WATER	REFRIGERATOR, PERCIVAL WALKIN	\$ 42,370	10	\$ 42,370	\$ -	1.81	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5806	WATER	MIDI CYANIDE DISTILLATION SYS	\$ 10,473	10	\$ 10,473	\$ -	1.81	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5807	WATER	SAMPLE DRYMAN CONCENTRATOR	\$ 14,202	8	\$ 14,202	\$ -	1.81	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5826	WATER	SPECTROPHOTOMETER	\$ 143,259	10	\$ 143,259	\$ -	1.78	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5810	WATER	PHONIX CARBON ANALYZER	\$ 28,168	10	\$ 28,168	\$ -	1.78	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5811	WATER	FLUOROMETER	\$ 6,203	5	\$ 6,203	\$ -	1.73	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5813	WATER	SPECTROPHOTOMETER	\$ 91,832	10	\$ 91,832	\$ -	1.73	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5814	WATER	CABINETS FOR GCMS LAB	\$ 14,684	10	\$ 14,684	\$ -	1.73	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5816	WATER	GAS CHROMATOGRAPH	\$ 7,063	10	\$ 7,063	\$ -	2.03	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5817	WATER	FAIRBANKS/MONITOR HOUR CONE	\$ 6,800	8	\$ 6,800	\$ -	2.20	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5819	WATER	SIOUX STEAM CLEANER	\$ 5,750	5	\$ 5,750	\$ -	1.76	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5820	WATER	AIR CONDITIONER	\$ 7,650	10	\$ 7,650	\$ -	1.84	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5821	WATER	LAYS	\$ 6,600	5	\$ 6,600	\$ -	1.81	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5822	WATER	MONITORING SYS, CEMDAS 2000	\$ 20,500	8	\$ 20,500	\$ -	1.81	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5823	WATER	MILLING MCH, ACER	\$ 11,723	8	\$ 11,723	\$ -	1.76	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5824	WATER	MAYNO PIPELINE GRINDER	\$ 5,966	5	\$ 5,966	\$ -	1.73	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5829	SEWER	ROTARY SCREW COMPRESSOR W/CBNT	\$ 5,877	15	\$ 5,877	\$ -	3.49	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5834	SEWER	GAS METER	\$ 6,401	10	\$ 6,401	\$ -	2.56	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5836	SEWER	LABORATORY EQUIPMENT	\$ 24,661	10	\$ 24,661	\$ -	2.69	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5838	SEWER	LAB EQUIPMENT	\$ 5,671	8	\$ 5,671	\$ -	2.72	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5840	SEWER	MONSTR. MUFFIN	\$ 10,039	10	\$ 10,039	\$ -	2.44	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5841	SEWER	SEWAGE-MUFFIN MONSTER GRINDER	\$ 11,275	8	\$ 11,275	\$ -	2.38	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5842	SEWER	SEWAGE-MUFFIN MONSTER GRINDER	\$ 11,025	8	\$ 11,025	\$ -	2.33	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5843	SEWER	SEWAGE-MUFFIN MONSTER GRINDER	\$ 11,025	8	\$ 11,025	\$ -	2.33	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5844	SEWER	SEWAGE-MUFFIN MONSTER GRINDER	\$ 11,025	8	\$ 11,025	\$ -	2.33	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5852	SEWER	4" MINI MONSTER GRINDER	\$ 7,753	5	\$ 7,753	\$ -	2.09	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5853	SEWER	4" MINI MONSTER GRINDER	\$ 7,753	5	\$ 7,753	\$ -	2.09	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5854	SEWER	WWTIP LIME SLAKER	\$ 69,312	8	\$ 69,312	\$ -	1.59	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5855	SEWER	WWTIP LIME SLAKER	\$ 69,312	8	\$ 69,312	\$ -	1.59	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5856	SEWER	VIBRATORY SCREEN GRIT	\$ 6,943	5	\$ 6,943	\$ -	1.59	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5857	SEWER	GRINDER PUMP STA	\$ 12,250	22	\$ 12,250	\$ -	2.77	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5858	SEWER	CLARIFIER, SECONDARY #3	\$ 172,250	22	\$ 172,250	\$ -	10.50	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5859	SEWER	CLARIFIER, SECONDARY #2	\$ 172,250	22	\$ 172,250	\$ -	10.50	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5861	SEWER	CLARIFIER, SECONDARY #1	\$ 172,250	22	\$ 172,250	\$ -	10.50	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5862	SEWER	W.W. RECOVERY 1	\$ 172,250	22	\$ 172,250	\$ -	10.50	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5863	SEWER	W.W. RECOVERY 2	\$ 172,250	22	\$ 172,250	\$ -	10.50	\$ -	0%	\$ -	\$ -				

Fixed Assets Listing and Functional Allocations

Schedule 1

Allocation of Assets by System Function															
Asset Number	Asset Group	Asset Description	Original Cost	Life of Asset (Years)	Accumulated Depreciation	Net Book Value	ENR Escalation Factor	RCNLD	% of Asset Contributed or Excluded	Water System				Sewer System	
										Source of Supply/Treatment	Transmission	Distribution	Treatment	Force Main/Transmission	Collection
5089	SEWER	LACHAT MICRO DIST. SYSTEM	5,381	5	5,381	-	1.69	-	0%	-	-	-	-	-	-
5091	SEWER	MILLO GRADINT BENCH INTEGRTO	7,018	5	7,018	-	1.59	-	0%	-	-	-	-	-	-
5092	SEWER	QUICKCHEM 8000 ANALYZER	30,074	5	30,074	-	1.59	-	0%	-	-	-	-	-	-
5093	SEWER	SCROLL FOR CENTRIFUGE	70,036	5	70,036	-	1.69	-	0%	-	-	-	-	-	-
5094	SEWER	SCROLL FOR CENTRIFUGE	62,000	5	62,000	-	1.59	-	0%	-	-	-	-	-	-
5095	SEWER	GLACIER SAMPLER	7,100	5	7,100	-	1.69	-	0%	-	-	-	-	-	-
5096	SEWER	BALL VALVE 20"	28,630	5	28,630	-	1.59	-	0%	-	-	-	-	-	-
5097	SEWER	200X POLARIS RANGER	6,980	5	6,980	-	1.69	-	100%	-	-	-	-	-	-
6278	SEWER	LABORATORY GLASSWARE WASHER	17,042	7	17,042	-	1.21	-	0%	-	-	-	-	-	-
6279	SEWER	4" FIPT HYDR TRASH PUMP 8000PM	10,450	5	10,450	-	1.21	-	0%	-	-	-	-	-	-
6285	WATER	STREAMING CURRENT MONITOR	9,925	5	9,925	-	1.21	-	0%	-	-	-	-	-	-
6302	WATER	VALVE INSERTION MACHINE	45,700	10	31,900	-	1.21	-	0%	-	-	-	-	-	-
6371	SEWER	WASH RAY	5,920	20	7,074	-	1.21	-	0%	-	-	-	-	-	-
6450	WATER	ROSEMOUNT AMMONIA & PH SYSTEM	8,917	10	4,842	-	2,075	1.21	0%	-	-	-	-	4,660	-
6502	WATER	DATA TRANSMISSION CALIBRATOR	6,752	5	6,752	-	1.19	-	0%	-	-	-	-	-	-
6599	WATER	FIBER SCADA SYSTEM	156,741	10	109,719	-	47,022	1.18	0%	-	-	-	-	-	-
6639	WATER	FLOW INJECTION ANALYZER	17,021	8	13,440	-	4,480	1.18	0%	-	-	-	-	-	-
6640	SEWER	FLOW INJECTION ANALYZER	17,921	8	13,440	-	4,480	1.18	0%	-	-	-	-	-	-
6672	WATER	GC LAB TOC ANALYZER	31,053	7	27,389	-	4,563	1.18	0%	-	-	-	-	-	5,294
6673	WATER	KUBOTA UTILITY VEHICLE	17,557	10	7,354	-	5,093	1.18	100%	-	-	-	-	-	-
6683	WATER	AIR COMPRESSOR	5,832	10	2,916	-	2,916	1.15	0%	-	-	-	-	-	-
6684	WATER	AIR COMPRESSOR	15,200	10	7,600	-	7,600	1.15	0%	-	-	-	-	-	-
6695	WATER	AIR COMPRESSOR	5,184	10	2,592	-	2,592	1.15	0%	-	-	-	-	-	-
6696	WATER	SPARE MOTOR-ODOR CONTROL SYS	6,929	10	3,464	-	3,464	1.15	0%	-	-	-	-	-	-
6757	WATER	UPR SYSTEM	31,968	10	15,984	-	15,984	1.15	0%	-	-	-	-	-	-
6976	SEWER	ATOMIC ABSORPTION SPECTROMETER	17,243	5	17,243	-	1.21	-	0%	-	-	-	-	-	-
7009	WATER	ROTARY SCREW AIR COMPRESSOR	19,000	10	9,500	-	13,300	1.09	0%	-	-	-	-	-	6,082
7080	SEWER	2016 CLUB CAR	6,143	5	4,914	-	1,229	1.12	100%	-	-	-	-	-	-
7201	SEWER	2016 CLUB CAR	4,142	5	4,673	-	1,116	1.12	100%	-	-	-	-	-	-
7201	WATER	AUTOMATED WATER TESTING DEVICE	17,023	10	13,617	-	11,616	1.09	0%	-	-	-	-	-	-
7202	WATER	AUTOMATED WATER TESTING DEVICE	17,023	10	13,617	-	11,616	1.09	0%	-	-	-	-	-	-
7202	SEWER	WATP TRANSFER PUMP	141,154	10	29,431	-	117,723	1.05	0%	-	-	-	-	-	-
7202	SEWER	AUTOMATED VALVE OPERATOR	21,305	10	10,652	-	21,305	1.05	0%	-	-	-	-	-	123,696
7557	WATER	STERILIZER	36,000	15	24,000	-	33,600	1.02	0%	-	-	-	-	-	-
7561	SEWER	STERILIZER	36,000	15	24,000	-	33,600	1.02	0%	-	-	-	-	-	-
7575	WATER	SECURITY SYSTEM-HARD WTR PLANT	89,038	5	7,400	-	71,638	1.02	0%	-	-	-	-	-	-
7701	WATER	GLACIER/RAVALANCHE MOBILITY KIT	5,467	10	2,733	-	4,947	1.02	0%	-	-	-	-	-	-
7702	SEWER	GLACIER/RAVALANCHE MOBILITY KIT	5,467	10	2,733	-	4,947	1.02	0%	-	-	-	-	-	-
7775	WATER	FEED PUMP	38,736	20	1,937	-	36,799	1.02	0%	-	-	-	-	-	-
7776	WATER	FEED PUMP	49,185	20	2,459	-	46,726	1.02	0%	-	-	-	-	-	-
7777	SEWER	AUTO SAMPLER	7,893	12	7,893	-	7,893	1.00	0%	-	-	-	-	-	-
7778	SEWER	AUTO SAMPLER	7,893	12	7,893	-	7,893	1.00	0%	-	-	-	-	-	-
7779	SEWER	AUTO SAMPLER	7,893	12	7,893	-	7,893	1.00	0%	-	-	-	-	-	-
7780	SEWER	AUTO SAMPLER	8,313	12	8,313	-	8,313	1.00	0%	-	-	-	-	-	-
7781	SEWER	AUTO SAMPLER	8,313	12	8,313	-	8,313	1.00	0%	-	-	-	-	-	-
7782	SEWER	AUTO SAMPLER	8,313	12	8,313	-	8,313	1.00	0%	-	-	-	-	-	-
5781	WATER	SHARP COPIER	8,100	6	8,100	-	8,100	1.08	0%	-	-	-	-	-	-
5782	WATER	OFFICE FURNITURE	15,800	8	15,800	-	1,775	1.08	0%	-	-	-	-	-	-
5831	SEWER	OFFICE FURNITURE, PUBLIC SERV.	21,360	8	21,360	-	1,775	1.08	0%	-	-	-	-	-	-
5837	SEWER	OFFICE FIXTURES	9,055	8	9,055	-	1,069	1.08	0%	-	-	-	-	-	-
5780	WATER	HP DESIGNJET PLOTTER	5,557	5	5,557	-	1,91	1.08	0%	-	-	-	-	-	-
639	SEWER	COMMUNICATION SYS	8,706	10	8,706	-	2,09	1.08	0%	-	-	-	-	-	-
7203	SEWER	Trailer for Lift	17,700	5	17,700	-	1,46	1.08	0%	-	-	-	-	-	-
7249	SEWER	JOHN DEERE TX UTILITY VEHICLE	11,825	10	5,912	-	9,456	1.05	0%	-	-	-	-	-	-
7109	SEWER	Trailer for Lift	9,480	5	9,480	-	1,42	1.05	0%	-	-	-	-	-	-
7132	SEWER	Trailer	25,000	5	25,000	-	1,42	1.05	0%	-	-	-	-	-	-
5783	WATER	VACUUM WASH TRAVEL VAC TRAILER	7,000	5	7,000	-	1,76	1.05	0%	-	-	-	-	-	-
5063	SEWER	TRAILER W/DIAPHRAGM PUMP	5,530	10	5,530	-	2,63	1.05	0%	-	-	-	-	-	-
7295	WATER	2017 QUALITY DELUXE TRAILER	8,558	15	1,074	-	6,984	1.05	0%	-	-	-	-	-	-
7296	WATER	2016 QUALITY TRAILER	7,680	15	926	-	6,304	1.05	0%	-	-	-	-	-	-
6545	WATER	2010 FORD ESCAPE	16,534	8	13,227	-	4,634	1.18	0%	-	-	-	-	-	-
800	WATER	FENCING	9,000	20	9,000	-	14,15	0%	0%	-	-	-	-	-	-
601	WATER	CONCRETE SIDEWALKS AND CU	17,300	20	17,300	-	14,15	0%	0%	-	-	-	-	-	-
626	WATER	WALKWAY	10,000	45	7,000	-	16,000	2.05	0%	-	-	-	-	-	-
626	WATER	CAPING	17,000	45	8,667	-	2,133	2.05	0%	-	-	-	-	-	-
627	WATER	CHAIN LINK	59,000	20	59,000	-	2,05	0%	0%	-	-	-	-	-	-
628	WATER	WATER PLANT KIVETT	197,503	30	197,503	-	2,05	0%	0%	-	-	-	-	-	-
642	WATER	WATER IMPV. KIVETT	248,704	40	230,091	-	18,653	2.05	0%	-	-	-	-	-	-
704	WATER	WARD ST PLANT GATE	14,314	10	14,314	-	1,86	0%	0%	-	-	-	-	-	-
5172	SEWER	Cover Building for Pump	5,967	20	2,983	-	3,282	1.26	0%	-	-	-	-	-	4,208
5747	WATER	FENCING	9,070	20	9,070	-	2,20	0%	0%	-	-	-	-	-	-
5025	SEWER	EASTSIDE	20,097	45	18,966	-	4,101	2.05	0%	-	-	-	-	-	-
5399	WATER	WARD WTP CHLORAMINE CONVERSION	874,795	20	269,682	-	403,023	1.24	0%	-	-	-	-	-	12,095
6040	WATER	RYANA HWY 311 MAIN DESIGN	73,600	10	31,530	-	25,080	1.24	0%	-	-	-	-	-	-
7428	WATER	ARC FLASH PROJECT	339,701	5	203,220	-	135,480	1.00	0%	-	-	-	-	-	-
7429	SEWER	RIVERDALE/EAST FORTEMAIN STUDY	28,000	5	16,800	-	11,200	1.00	0%	-	-	-	-	-	-
603	WATER	OLD CITY LAKE DAM	889,000	50	889,000	-	54,50	0%	0%	-	-	-	-	-	12,221
605	WATER	DAM	318,961	45	318,961	-	56,545	2.06	0%	-	-	-	-	-	-
606	WATER	RENOVATION TO CITY LAKE DAM	235,901	30	215,751	-	43,150	2.06	0%	-	-	-	-	-	-
607	WATER	RENOVATION TO CITY LAKE DAM	114,985	30	95,671	-	19,164	2.06	0%	-	-	-	-	-	-
608	WATER	RENOVATION TO CITY LAKE DAM	235,945	30	205,845	-	34,398	2.06	0%	-	-	-	-	-	-
610	WATER	DAM OAK HOLLOW LAKE	1,481,950	45	1,481,950	-	6,44	0%	0%	-	-	-	-	-	-
611	WATER	DAM IMPROVEMENTS	177,646	30	159,891	-	17,765	2.06	0%	-	-	-	-	-	-
720	WATER	RENOVATION CITY LAKE DAM	136,604	30	109,443	-	19,361	2.06	0%	-	-	-	-	-	-
726	WATER	RANDLEMAN DAM	126,744	30	109,443	-	19,361	2.06	0%	-	-	-	-	-	-
729	WATER	RANDLEMAN DAM	8,251,914	50	2,895,651	-	5,446,263	1.73	0%	-	-	-	-	-	9,367,596
729	WATER	RANDLEMAN DAM	2,100,000	50	972,000	-	1,426,08								

Fixed Assets Listing and Functional Allocations

Schedule 1

											Allocation of Assets by System Function					
Asset Number	Asset Group	Asset Description	Original Cost	Life of Asset (Years)	Accumulated Depreciation	Net Book Value	ENR Escalation Factor	RCNLD	% of Asset Contributed or Excluded	Water System				Sewer System		
										Source of Supply/Treatment	Transmission	Distribution	Treatment	Force Main/Transmission	Collection	
810	SEWER	COUNTRY CLUB OUTFALL	113,626	30	113,626	-	2.44	-	0%	-	-	-	-	-	-	
817	SEWER	SEWER IMPROVEMENTS PENNY RD.	258,698	30	258,698	-	2.44	-	0%	-	-	-	-	-	-	
818	SEWER	SEWER IMPROVEMENTS PENNY RD.	80,629	30	80,629	-	2.44	-	0%	-	-	-	-	29,813	44,870	
822	SEWER	SEWER SYSTEM IMPROVEMENTS	44,011	30	44,011	-	2.44	-	0%	-	-	-	-	12,946	19,359	
824	SEWER	SEWER SYSTEM IMPROVEMENTS	42,500	30	42,500	-	2.44	-	0%	-	-	-	-	7,022	7,024	
826	SEWER	SEWER SYSTEM IMPROV.	447,363	30	447,363	-	2.44	-	0%	-	-	-	-	6,997	10,530	
827	SEWER	PUMP STA. SYS. IMPROV.	336,705	50	336,705	-	2.44	-	0%	-	-	-	-	92,230	136,811	
828	SEWER	PUMP STA. SYS. IMPROV.	196,197	50	196,197	-	2.44	-	0%	-	-	-	-	32,324	32,324	
829	SEWER	PUMP STA. SYS. IMPROV.	3,889,783	50	3,889,783	-	2.44	-	0%	-	-	-	-	295,773	-	
830	SEWER	PUMP STA. SYS. IMPROV.	53,866	50	53,866	-	2.44	-	0%	-	-	-	-	4,117,228	-	
831	SEWER	PUMP STA. SYS. IMPROV.	18,245	50	18,245	-	2.44	-	0%	-	-	-	-	30,771	-	
832	SEWER	PUMP STA. SYS. IMPROV.	10,400	50	10,400	-	2.44	-	0%	-	-	-	-	11,844	-	
833	SEWER	PUMP STA. SYS. IMPROV.	18,263	50	18,263	-	2.44	-	0%	-	-	-	-	21,015	-	
834	SEWER	PUMP STN SYS IMPROV TR F MDE	15,470	50	15,470	-	2.44	-	0%	-	-	-	-	-	-	
835	SEWER	PUMP STN SYS IMPROV TR F MDE	13,000	50	13,000	-	2.44	-	0%	-	-	-	-	-	-	
836	SEWER	PUMP STA. SYS. IMPROV TR F MDV	34,989	50	34,989	-	2.44	-	0%	-	-	-	-	15,317	-	
837	SEWER	PUMP STN SYS IMPROV TR F MDV	18,245	50	18,245	-	2.44	-	0%	-	-	-	-	40,091	-	
838	SEWER	PUMP STA. LAKES FOREST	315,528	50	315,528	-	2.44	-	0%	-	-	-	-	348,720	-	
839	SEWER	PUMP STA. LAKES FOREST	86,919	50	86,919	-	2.44	-	0%	-	-	-	-	96,125	-	
840	SEWER	DEEP RIVER OUTFALL	15,200	50	15,200	-	2.44	-	0%	-	-	-	-	-	-	
841	SEWER	DEEP RIVER OUTFALL	104,408	50	104,408	-	2.44	-	0%	-	-	-	-	-	-	
842	SEWER	DEEP RIVER OUTFALL	384,447	50	384,447	-	2.44	-	0%	-	-	-	-	-	-	
843	SEWER	DEEP RIVER OUTFALL	180,410	50	180,410	-	2.44	-	0%	-	-	-	-	-	-	
844	SEWER	DEEP RIVER OUTFALL	239,244	50	239,244	-	2.44	-	0%	-	-	-	-	-	-	
845	SEWER	DEEP RIVER OUTFALL	74,549	50	74,549	-	2.44	-	0%	-	-	-	-	-	-	
846	SEWER	DEEP RIVER OUTFALL	2,046,084	50	2,046,084	-	2.44	-	0%	-	-	-	-	-	-	
847	SEWER	DEEP RIVER OUTFALL TR F 33-MJA	6,341,202	50	6,341,202	-	2.44	-	0%	-	-	-	-	-	-	
848	SEWER	PUMP STA. EAST FORK	259,480	50	259,480	-	2.44	-	0%	-	-	-	-	-	-	
849	SEWER	PUMP STA. EAST FORK	169,849	50	169,849	-	2.44	-	0%	-	-	-	-	-	-	
854	SEWER	SEWER SYS. IMPROV	5,472	50	5,472	-	2.44	-	0%	-	-	-	-	-	-	
855	SEWER	SEWER SYS. IMPROV	37,500	50	37,500	-	2.44	-	0%	-	-	-	-	-	-	
856	SEWER	SEWER SYS. IMPROV	1,000	50	1,000	-	2.44	-	0%	-	-	-	-	-	-	
857	SEWER	SEWER SYS. IMPROV	42,219	50	42,219	-	2.44	-	0%	-	-	-	-	-	-	
858	SEWER	SEWER SYS. IMPROV TR F MBO	117,509	50	117,509	-	2.44	-	0%	-	-	-	-	-	-	
859	SEWER	SEWER SYS. IMPROV TR F MDA	8,891	50	8,891	-	2.44	-	0%	-	-	-	-	-	-	
860	SEWER	SEWER SYS. IMPROV	13,109	50	13,109	-	2.44	-	0%	-	-	-	-	-	-	
861	SEWER	SEWER SYS. IMPROVEMENTS	275,118	50	275,118	-	2.44	-	0%	-	-	-	-	-	-	
862	SEWER	SEWER SYS. IMPROVEMENTS	76,882	50	76,882	-	2.44	-	0%	-	-	-	-	-	-	
863	SEWER	SEWER SYSTEM IMPROVEMENTS	161,208	50	161,208	-	2.44	-	0%	-	-	-	-	-	-	
864	SEWER	SEWER SYSTEM IMPROVEMENTS	44,280	50	44,280	-	2.44	-	0%	-	-	-	-	-	-	
865	SEWER	SEWER SYSTEM IMPROVEMENTS	121,690	50	121,690	-	2.44	-	0%	-	-	-	-	-	-	
866	SEWER	SEWER SYSTEM IMPROVEMENTS	181,171	50	181,171	-	2.44	-	0%	-	-	-	-	-	-	
867	SEWER	SEWER SYS. IMPROVEMENTS	419,314	50	419,314	-	2.44	-	0%	-	-	-	-	-	-	
868	SEWER	SEWER SYSTEM IMPROV	246,888	50	246,888	-	2.44	-	0%	-	-	-	-	-	-	
869	SEWER	SEWER SYS. IMPROV	212,564	50	212,564	-	2.44	-	0%	-	-	-	-	-	-	
870	SEWER	SEWER SYS. IMPROV	21,308	50	21,308	-	2.44	-	0%	-	-	-	-	-	-	
871	SEWER	SEWER SYS. IMPROV	130,715	50	130,715	-	2.44	-	0%	-	-	-	-	-	-	
872	SEWER	SEWER SYS. IMPROV	22,635	50	22,635	-	2.44	-	0%	-	-	-	-	-	-	
873	SEWER	SEWER SYS. IMPROV	89,043	50	89,043	-	2.44	-	0%	-	-	-	-	-	-	
874	SEWER	SEWER SYS. IMPROV	333,100	50	333,100	-	2.44	-	0%	-	-	-	-	-	-	
875	SEWER	SEWER SYS. IMPROV	47,987	50	47,987	-	2.44	-	0%	-	-	-	-	-	-	
876	SEWER	SEWER SYS. IMPROV	25,080	50	25,080	-	2.44	-	0%	-	-	-	-	-	-	
877	SEWER	SEWER SYS. IMPROV	1,000	50	1,000	-	2.44	-	0%	-	-	-	-	-	-	
878	SEWER	SEWER SYS. IMPROV	1,106,239	50	1,106,239	-	2.44	-	0%	-	-	-	-	-	-	
879	SEWER	SEWER SYS. IMPROV	81,949	50	81,949	-	2.44	-	0%	-	-	-	-	-	-	
880	SEWER	SEWER SYS. IMPROV	768,627	50	768,627	-	2.44	-	0%	-	-	-	-	-	-	
881	SEWER	SEWER SYS. IMPROV TR F MBH	24,409	50	24,409	-	2.44	-	0%	-	-	-	-	-	-	
882	SEWER	SEWER SYS. IMPROV TR F MBR	6,370	50	6,370	-	2.44	-	0%	-	-	-	-	-	-	
883	SEWER	SEWER SYS. IMPROV	380,048	50	380,048	-	2.44	-	0%	-	-	-	-	-	-	
884	SEWER	SEWER SYS. IMPROV TR F MDV	8,295	50	8,295	-	2.44	-	0%	-	-	-	-	-	-	
885	SEWER	SEWER SYS. IMPROVEMENTS WENDOVER	125,378	50	125,378	-	2.44	-	0%	-	-	-	-	-	-	
891	SEWER	SEWER IMPROVEMENTS	67,778	50	67,778	-	2.44	-	0%	-	-	-	-	-	-	
907	SEWER	ENGINEERING & TECHNICAL	75,873	50	75,873	-	2.44	-	0%	-	-	-	-	-	-	
908	SEWER	ENGINEERING & TECHNICAL	24,184	50	24,184	-	2.44	-	0%	-	-	-	-	-	-	
909	SEWER	SEWER SYS. IMPROVEMENTS	64,066	50	64,066	-	2.44	-	0%	-	-	-	-	-	-	
910	SEWER	SEWER SYS. IMPROVEMENTS	243,000	50	243,000	-	2.44	-	0%	-	-	-	-	-	-	
911	SEWER	SEWER SYS. IMPROVEMENTS	453,134	50	453,134	-	2.44	-	0%	-	-	-	-	-	-	
912	SEWER	SEWER SYS. IMPROVEMENTS	645,719	50	645,719	-	2.44	-	0%	-	-	-	-	-	-	
913	SEWER	SEWER SYSTEM IMPROVEMENTS	791,056	50	791,056	-	2.44	-	0%	-	-	-	-	-	-	
914	SEWER	SEWER SYSTEM IMPROVEMENTS	696,565	50	696,565	-	2.44	-	0%	-	-	-	-	-	-	
915	SEWER	SEWER SYSTEM IMPROVEMENTS	704,549	50	704,549	-	2.44	-	0%	-	-	-	-	-	-	
916	SEWER	SEWER SYSTEM IMPROVEMENTS	825,595	50	825,595	-	2.44	-	0%	-	-	-	-	-	-	
917	SEWER	SEWER SYS. IMPROVEMENTS	475,793	50	475,793	-	2.44	-	0%	-	-	-	-	-	-	
918	SEWER	SEWER SYS. IMPROVEMENTS	389,662	50	389,662	-	2.44	-	0%	-	-	-	-	-	-	
919	SEWER	SEWER SYSTEM IMPROV	104,575	50	104,575	-	2.44	-	0%	-	-	-	-	-	-	
920	SEWER	ENGINEERING & TECHNICAL	19,710	50	19,710	-	2.44	-	0%	-	-	-	-	-	-	
921	SEWER	RIVERDALE LANDFILL	20,390	50	20,390	-	2.44	-	0%	-	-	-	-	-	-	
922	SEWER	SOLIDS HANDLING	4,915,030	50	4,915,030	-	2.44	-	0%	-	-	-	-	-	-	
927	SEWER	SOLIDS HANDLING (INCINERATOR)	3,779,587	50	3,779,587	-	2.44	-	0%	-	-	-	-	-	-	
928	SEWER	SOLIDS HANDLING (INCINERATOR)	895,798	50	895,798	-	2.44	-	0%	-	-	-	-	-	-	
929	SEWER	SOLIDS HANDLING (INCINERATOR)	286,108	50	286,108	-	2.44	-	0%	-	-	-	-	-	-	
930	SEWER	SOLIDS HANDLING (INCINERATOR)	500,000	50	500,000	-	2.44	-	0%	-	-	-	-	-	-	
931	SEWER	SOLIDS HANDLING TR F 33-MBS	84,341	50	84,341	-	2.44	-	0%	-	-	-	-	-	-	
940	SEWER	DISPOSAL OF SLUDGE	129,800	50	129,800	-	2.44	-	0%	-	-	-	-	-	-	
941	SEWER	DISPOSAL OF SLUDGE	267,748	50	267,748	-	2.44	-	0%	-	-	-	-	-	-	
942	SEWER	RIVERDALE PUMP STN IMPROVEMENTS	2,524,374	50	2,524,374	-	2.44	-	0%	-	-	-	-	-	-	
943	SEWER	RIVERDALE PUMP STATION	1,984,652	50	1,984,652	-	2.4.									

Fixed Assets Listing and Functional Allocations

Schedule 1

Allocation of Assets by System Function																
Asset Number	Asset Group	Asset Description	Original Cost	Life of Asset (Years)	Accumulated Depreciation	Net Book Value	ENR Escalation Factor	RCNLD	% of Asset Contributed or Excluded	Water System					Sewer System	
										Source of Supply/Treatment	Transmission	Distribution	Treatment	Force Main/Transmission	Collection	
1627	SEWER	SOLIDS HANDLING TR F-3-MBS	\$ 55,671	50	\$ 16,791	\$ 38,979	1.59	\$ 61,789	0%	-	-	-	-	61,789	-	-
1628	SEWER	PUMP STA IMPROV TR F-3-MBS	\$ 209,440	50	\$ 69,252	\$ 140,188	1.52	\$ 269,434	0%	-	-	-	-	-	-	-
1629	SEWER	SEWER & WATER IMPROV TR F-MDX	\$ 65,200	50	\$ 19,252	\$ 45,948	1.52	\$ 71,124	0%	-	-	-	-	-	269,434	-
1631	SEWER	EASTSIDE PLANT UPGRADE TR F-3-MBS	\$ 1,021,481	50	\$ 426,015	\$ 1,005,466	1.52	\$ 1,659,717	0%	-	-	-	-	-	26,362	42,732
1632	SEWER	PUMP STA IMPROV TR F-3-MBS	\$ 175,318	50	\$ 55,595	\$ 122,723	1.59	\$ 184,564	0%	-	-	-	-	-	-	-
1636	SEWER	SEWER SYS IMPROV TR F-MBS	\$ 74,332	50	\$ 22,332	\$ 52,000	1.52	\$ 75,301	0%	-	-	-	-	-	104,564	-
1637	SEWER	SEWER SYS IMPROV TR F-MBS	\$ 189,369	50	\$ 59,023	\$ 130,346	1.52	\$ 206,574	0%	-	-	-	-	-	35,034	46,937
1638	SEWER	SEWER SYS IMPROV TR F-MBS	\$ 180,341	50	\$ 56,495	\$ 123,846	1.52	\$ 186,726	0%	-	-	-	-	-	124,111	-
1639	SEWER	SEWER SYS IMPROV TR F-MBS	\$ 40,330	50	\$ 11,792	\$ 28,538	1.52	\$ 43,684	0%	-	-	-	-	-	118,104	-
1640	SEWER	SEWER & WATER IMPROV TR F-MBS	\$ 6,546	50	\$ 1,973	\$ 4,573	1.52	\$ 10,413	0%	-	-	-	-	-	17,520	26,420
1641	SEWER	PUMP STA IMPROV TR F-MBS	\$ 30,700	50	\$ 9,016	\$ 21,684	1.52	\$ 35,120	0%	-	-	-	-	-	35,120	62,595
1642	SEWER	SEWER & WATER IMPROV TR F-MBS	\$ 89,917	50	\$ 27,660	\$ 62,257	1.52	\$ 93,451	0%	-	-	-	-	-	136,304	-
1643	SEWER	SEWER & WATER IMPROV TR F-MBS	\$ 317,808	50	\$ 98,986	\$ 218,822	1.52	\$ 346,683	0%	-	-	-	-	-	35,120	-
1644	SEWER	SEWER SYS IMPROV	\$ 87,584	50	\$ 24,303	\$ 63,281	1.52	\$ 95,539	0%	-	-	-	-	-	136,304	206,289
1645	SEWER	SEWER SYS IMPROV	\$ 231,162	50	\$ 70,361	\$ 160,801	1.52	\$ 249,918	0%	-	-	-	-	-	37,699	-
1646	SEWER	SEWER & WATER IMPROV TR F-MBS	\$ 36,559	50	\$ 10,365	\$ 26,194	1.52	\$ 39,918	0%	-	-	-	-	-	38,159	57,425
1647	SEWER	PUMP STA IMPROV TR F-MBS	\$ 174,629	50	\$ 49,696	\$ 124,933	1.52	\$ 190,455	0%	-	-	-	-	-	318,407	-
1648	SEWER	DEEP RIVER OUTFALL F-3-MBS	\$ 1,240,982	50	\$ 347,223	\$ 892,759	1.52	\$ 1,352,752	0%	-	-	-	-	-	15,035	23,983
1649	SEWER	PUMP STA IMPROV TR F-MBS	\$ 303,313	50	\$ 93,518	\$ 209,795	1.52	\$ 305,688	0%	-	-	-	-	-	-	-
1650	SEWER	PUMP STA IMPROV TR F-3-MBS	\$ 1,120,357	50	\$ 313,692	\$ 806,665	1.52	\$ 1,222,116	0%	-	-	-	-	-	-	-
1651	SEWER	PUMP STA IMPROV TR F-3-MBS	\$ 210,928	50	\$ 63,600	\$ 147,328	1.52	\$ 210,928	0%	-	-	-	-	-	-	-
1652	SEWER	PUMP STA IMPROV TR F-3-MBS	\$ 37,308	50	\$ 10,418	\$ 26,890	1.52	\$ 40,589	0%	-	-	-	-	-	-	-
1653	SEWER	DEEP RIVER OUTFALL TR F-3-MBS	\$ 3,164,293	50	\$ 953,977	\$ 2,210,316	1.52	\$ 4,106,293	0%	-	-	-	-	-	-	-
1654	SEWER	DEEP RIVER OUTFALL TR F-3-MBS	\$ 176,428	50	\$ 49,400	\$ 127,028	1.52	\$ 192,458	0%	-	-	-	-	-	-	-
1655	SEWER	DEEP RIVER OUTFALL TR F-3-MBS	\$ 131,927	50	\$ 38,640	\$ 93,287	1.52	\$ 143,913	0%	-	-	-	-	-	-	-
1656	SEWER	DEEP RIVER OUTFALL TR F-3-MBS	\$ 122,336	50	\$ 35,640	\$ 86,696	1.52	\$ 144,358	0%	-	-	-	-	-	-	-
1657	SEWER	DEEP RIVER OUTFALL TR F-3-MBS	\$ 36,576	50	\$ 10,600	\$ 25,976	1.52	\$ 42,078	0%	-	-	-	-	-	-	-
1658	SEWER	DEEP RIVER OUTFALL TR F-3-MBS	\$ 20,308	50	\$ 6,091	\$ 14,217	1.52	\$ 30,969	0%	-	-	-	-	-	-	-
1659	SEWER	2004 EASTSIDE WWTP UPGRADE/EXP	\$ 37,010,817	50	\$ 9,752,812	\$ 27,258,005	1.46	\$ 40,396,829	0%	-	-	-	-	-	-	-
1659	SEWER	SEWER IMP CONTRIB BY CONTRIBORS	\$ 1,679,340	7	\$ 1,679,340	\$ -	1.46	\$ -	100%	-	-	-	-	-	-	-
2412	SEWER	SEWER SYS IMPROV, 2006	\$ 1,022,031	50	\$ 420,847	\$ 1,499,184	1.36	\$ 2,035,266	0%	-	-	-	-	-	-	-
2413	SEWER	WATERVIEW US REPLACEMENT CAPI	\$ 116,660	45	\$ 39,007	\$ 79,653	1.36	\$ 121,719	0%	-	-	-	-	-	812,460	1,222,801
2414	SEWER	SEWER OUTFALLS REHAB	\$ 8,203,579	15	\$ 6,015,926	\$ 2,187,653	1.36	\$ 2,969,977	0%	-	-	-	-	-	151,719	-
2415	SEWER	DEEP RIVER OUTFALL SECTION 2	\$ 12,011,433	50	\$ 4,052,102	\$ 7,959,331	1.36	\$ 10,620,224	0%	-	-	-	-	-	-	-
2416	SEWER	CURBET OUTFALL SECTIONS A & B	\$ 2,769,364	50	\$ 1,015,433	\$ 1,753,931	1.36	\$ 2,381,106	0%	-	-	-	-	-	-	-
2417	SEWER	KINDERGARDEN OUTFALL SECTION 1B	\$ 1,308,960	50	\$ 478,960	\$ 829,999	1.36	\$ 1,125,447	0%	-	-	-	-	-	-	-
2417	SEWER	KINDERGARDEN OUTFALL SECTION 1C	\$ 81,263	50	\$ 26,129	\$ 55,134	1.36	\$ 74,863	0%	-	-	-	-	-	-	-
2418	SEWER	SHADYBROOK US UPGRADE	\$ 747,407	30	\$ 274,049	\$ 473,358	1.36	\$ 645,622	0%	-	-	-	-	-	-	-
2419	SEWER	BRIDGEVIEW US REPLACEMENT	\$ 57,863	30	\$ 17,277	\$ 40,586	1.36	\$ 49,776	0%	-	-	-	-	-	-	-
2424	SEWER	WAYSIDE OUTFALL	\$ 509,710	30	\$ 162,710	\$ 347,000	1.36	\$ 437,872	0%	-	-	-	-	-	-	-
2425	SEWER	DEEP RIVER OUTFALL SECTION 3	\$ 19,145,478	50	\$ 5,720,008	\$ 13,425,470	1.36	\$ 16,461,350	0%	-	-	-	-	-	-	-
2426	SEWER	DEEP RIVER OUTFALL SECTION 4	\$ 1,746,990	50	\$ 540,000	\$ 1,206,990	1.36	\$ 1,534,880	0%	-	-	-	-	-	-	-
2426	SEWER	DEEP RIVER OUTFALL SECTION 5	\$ 5,475,267	50	\$ 1,625,089	\$ 3,850,178	1.36	\$ 4,804,864	0%	-	-	-	-	-	-	-
2429	SEWER	KOOLPOOL OUTFALL SECTION 1	\$ 5,174,919	50	\$ 1,544,783	\$ 3,630,136	1.36	\$ 4,540,538	0%	-	-	-	-	-	-	-
2430	SEWER	DEEP RIVER OUTFALLS SURVEYS	\$ 294,397	50	\$ 88,799	\$ 205,598	1.32	\$ 200,112	0%	-	-	-	-	-	-	-
2430	SEWER	WOODROW AVE SEWER REPLACEMENT	\$ 30,520	50	\$ 15,155	\$ 15,365	1.32	\$ 15,365	0%	-	-	-	-	-	-	-
2432	SEWER	CREEKVIEW OUTFALL (A)	\$ 275,425	50	\$ 82,628	\$ 192,797	1.29	\$ 247,192	0%	-	-	-	-	-	18,111	27,258
2437	SEWER	BELL SPRINGS LIFT STATION	\$ 62,449	50	\$ 19,033	\$ 43,416	1.24	\$ 75,022	100%	-	-	-	-	-	-	-
2438	SEWER	FOREST HILL DRIVE SEWER	\$ 34,088	50	\$ 9,990	\$ 24,098	1.24	\$ 31,092	100%	-	-	-	-	-	-	-
2439	SEWER	W STATE AVENUE SEWER	\$ 27,425	50	\$ 7,513	\$ 20,112	1.24	\$ 26,624	100%	-	-	-	-	-	-	-
2440	SEWER	ELM & GREY STREET SEWER	\$ 39,820	50	\$ 9,469	\$ 30,351	1.24	\$ 30,677	100%	-	-	-	-	-	-	-
2441	SEWER	LAKE AVE SEWER	\$ 45,264	50	\$ 12,070	\$ 33,194	1.24	\$ 33,194	100%	-	-	-	-	-	-	-
2441	SEWER	LAKE AVE SEWER	\$ 399,264	50	\$ 94,730	\$ 304,534	1.24	\$ 304,534	100%	-	-	-	-	-	-	-
2444	SEWER	LAY LANE US ABANDONMENT	\$ 21,886	50	\$ 5,253	\$ 16,633	1.24	\$ 16,633	100%	-	-	-	-	-	-	-
2444	SEWER	KIWITT DR UTILITY SEWER	\$ 571,886	50	\$ 152,503	\$ 419,383	1.24	\$ 521,465	0%	-	-	-	-	-	-	-
2445	SEWER	NW SEWER IMPROVEMENTS PHASE 1	\$ 3,007,537	50	\$ 912,201	\$ 2,095,336	1.28	\$ 3,417,544	0%	-	-	-	-	-	-	-
2445	SEWER	LAY LANE LIFT STATION	\$ 113,623	50	\$ 34,087	\$ 79,536	1.28	\$ 101,676	0%	-	-	-	-	-	-	-
2446	SEWER	SWATHMONT LIFT STATION	\$ 203,130	50	\$ 61,130	\$ 142,000	1.28	\$ 145,028	0%	-	-	-	-	-	-	-
2446	SEWER	LIFT STATION CONSOLIDATION	\$ 680,021	50	\$ 207,609	\$ 472,412	1.28	\$ 621,983	0%	-	-	-	-	-	-	-
2447	SEWER	CORPORATE & SURRETT SEWER IMPR	\$ 200,168	50	\$ 61,059	\$ 139,109	1.28	\$ 139,109	0%	-	-	-	-	-	-	-
2448	SEWER	POYWOOD LIFT STATION UPGRADE	\$ 1,325,151	50	\$ 400,545	\$ 924,606	1.28	\$ 1,186,291	0%	-	-	-	-	-	-	-
2449	SEWER	KINDERGARDEN OUTFALL SEC 1A	\$ 1,434,676	50	\$ 434,676	\$ 1,000,000	1.28	\$ 2,332,685	0%	-	-	-	-	-	-	-
2450	SEWER	KOOL POOL OUTFALL SECTION 1	\$ 2,051,700	50	\$ 615,510	\$ 1,436,190	1.28	\$ 1,841,590	0%	-	-	-	-	-	-	-
2450	SEWER	WESTSIDE WWTP UPGRADE (1)	\$ 13,529,186	50	\$ 4,056,750	\$ 9,472,436	1.28	\$ 12,142,354	0%	-	-	-	-	-	-	-
2451	SEWER	WESTSIDE DIFFUSER DORIES (2000)	\$ 20,228	10	\$ 20,228	\$ -	1.91	\$ -	0%	-	-	-	-	-	-	-
2452	SEWER	SEWER SYS IMPROVEMENTS	\$ 168,867	50	\$ 50,267	\$ 118,600	1.28	\$ 118,600	0%	-	-	-	-	-	-	-
2453	SEWER	SEWER SYS IMPROVEMENTS	\$ 2,069,665	50	\$ 626,665	\$ 1,442,999	1.28	\$ 1,669,665	0%	-	-	-	-	-	-	-
2454	SEWER	SEWER SYS IMPROVEMENTS	\$ 155,730	50	\$ 46,730	\$ 109,000	1.28	\$ 109,000	0%	-	-	-	-	-	-	-
2454	SEWER	HYDRANTS	\$ 27,217	50	\$ 8,217	\$ 19,000	1.28	\$ 19,000	0%	-	-	-	-	-	-	-
2455	SEWER	SEWER SYS STUDY	\$ 30,663	50	\$ 9,663	\$ 21,000	1.28	\$ 21,000	0%	-	-	-	-	-	-	-
2456	SEWER															

Fixed Assets Listing and Functional Allocations

Schedule 1

										Allocation of Assets by System Function					
Asset Number	Asset Group	Asset Description	Original Cost	Life of Asset (Years)	Accumulated Depreciation	Net Book Value	ENR Escalation Factor	RCNLD	% of Asset Contributed or Excluded	Water System				Sewer System	
										Source of Supply/Treatment	Transmission	Distribution	Treatment	Force Main/Transmission	Collection
820	SEWER	SEWER MAINS & PIPES	\$ 84,553	30	\$ 18,211	\$ 14,642	2.09	\$ 30,295	0%	\$ -	\$ -	\$ -	\$ -	\$ 11,684	\$ 17,601
821	SEWER	SEWER MAINS & PIPES	\$ 218,715	30	\$ 181,686	\$ 36,529	2.09	\$ 75,014	0%	\$ -	\$ -	\$ -	\$ -	\$ 30,788	\$ 45,586
823	SEWER	SEWER MAINS & PIPES	\$ 540,605	30	\$ 430,484	\$ 108,121	2.06	\$ 222,843	0%	\$ -	\$ -	\$ -	\$ -	\$ 88,667	\$ 133,645
825	SEWER	SEWER MAINS & PIPES	\$ 58,518	30	\$ 44,864	\$ 13,654	2.01	\$ 27,386	0%	\$ -	\$ -	\$ -	\$ -	\$ 10,937	\$ 16,451
860	SEWER	RELOCATE SEWER LINES	\$ 81,037	30	\$ 81,037	\$ -	2.50	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
863	SEWER	RELOCATE SEWER LINES	\$ 77,643	30	\$ 77,643	\$ -	2.44	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
864	SEWER	RELOCATE SEWER LINES	\$ 74,537	30	\$ 74,537	\$ -	2.44	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
865	SEWER	RELOCATE SEWER LINES	\$ 69,574	30	\$ 69,574	\$ -	2.33	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
867	SEWER	RELOCATE SEWER LINES	\$ 47,280	30	\$ 47,280	\$ -	2.26	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
868	SEWER	RELOCATE SEWER LINES	\$ 83,255	30	\$ 69,379	\$ 13,876	2.09	\$ 26,048	0%	\$ -	\$ -	\$ -	\$ -	\$ 4,258	\$ 6,400
869	SEWER	RELOCATE SEWER LINES	\$ 47,280	30	\$ 39,400	\$ 7,880	2.09	\$ 16,439	0%	\$ -	\$ -	\$ -	\$ -	\$ 6,426	\$ 9,271
900	SEWER	RELOCATE SEWER LINES	\$ 123,038	30	\$ 40,754	\$ 82,284	1.78	\$ 120,059	0%	\$ -	\$ -	\$ -	\$ -	\$ 17,552	\$ 27,521
901	SEWER	RELOCATED SEWER LINES	\$ 109,459	30	\$ 37,965	\$ 71,494	1.78	\$ 120,059	0%	\$ -	\$ -	\$ -	\$ -	\$ 55,221	\$ 83,111
902	SEWER	RELOCATED SEWER LINES	\$ 61,519	30	\$ 20,916	\$ 40,603	1.73	\$ 70,060	0%	\$ -	\$ -	\$ -	\$ -	\$ 47,927	\$ 72,132
903	SEWER	RELOCATE SEWER LINES	\$ 388,075	30	\$ 117,784	\$ 270,291	1.69	\$ 427,779	0%	\$ -	\$ -	\$ -	\$ -	\$ 27,648	\$ 42,083
904	SEWER	SEWER & WATER LINE REPLACEMENT	\$ 61,519	30	\$ 10,896	\$ 41,833	1.69	\$ 70,485	0%	\$ -	\$ -	\$ -	\$ -	\$ 28,141	\$ 42,364
905	SEWER	SEWER & WATER LINE TR F MDP	\$ 466,763	30	\$ 146,738	\$ 347,025	1.89	\$ 550,277	0%	\$ -	\$ -	\$ -	\$ -	\$ 168,371	\$ 253,407
947	SEWER	RELOCATE SEWER LINES	\$ 1,613,774	30	\$ 44,128	\$ 5,125	2.33	\$ 7,354	0%	\$ -	\$ -	\$ -	\$ -	\$ 210,967	\$ 330,010
948	SEWER	RIVERDALE PUMP STN IMPROVEMNTS	\$ 19,765	30	\$ 13,417	\$ 2,522	2.44	\$ 5,914	0%	\$ -	\$ -	\$ -	\$ -	\$ 5,936	\$ 4,419
965	SEWER	SEWER MAINS & PIPES	\$ 230,600	30	\$ 230,600	\$ -	2.44	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ 6,914	\$ -
966	SEWER	SEWER MAINS & PIPES	\$ 109,382	30	\$ 109,382	\$ -	3.446	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ 3,470	\$ 5,293
967	SEWER	SEWER MAINS & PIPES	\$ 1,613,774	30	\$ 1,508,656	\$ 107,718	2.33	\$ 257,302	0%	\$ -	\$ -	\$ -	\$ -	\$ 100,330	\$ 151,002
968	SEWER	SEWER MAINS & PIPES	\$ 19,765	30	\$ 11,157	\$ 1,328	2.33	\$ 2,788	0%	\$ -	\$ -	\$ -	\$ -	\$ 1,117	\$ 1,681
1033	SEWER	SEWER & WATER LINE FR. MBD	\$ 61,519	30	\$ 16,456	\$ 43,063	1.59	\$ 68,280	0%	\$ -	\$ -	\$ -	\$ -	\$ 27,267	\$ 41,023
1034	SEWER	SEWER & WATER LINE FR. MBD	\$ 61,519	30	\$ 16,456	\$ 43,063	1.59	\$ 68,280	0%	\$ -	\$ -	\$ -	\$ -	\$ 27,267	\$ 41,023
2040	SEWER	Summer Line Alderbrook	\$ 35,109	25	\$ 10,548	\$ 24,561	1.42	\$ 25,645	0%	\$ -	\$ -	\$ -	\$ -	\$ 10,317	\$ 15,526
2176	SEWER	Moyno Pipeliner Pump	\$ 9,919	5	\$ 9,919	\$ -	1.42	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2184	SEWER	2009 SWR LINES CONTRIB BY CONT	\$ 1,402,963	30	\$ 746,482	\$ 746,482	1.32	\$ 985,646	100%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2658	SEWER	2010 SWR LINES CONTRIB BY CONT	\$ 2,246,519	30	\$ 1,145,930	\$ 1,400,581	1.28	\$ 1,796,734	100%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3023	SEWER	OAKVIEW RD SEWER LINES RELOCAT	\$ 450,101	30	\$ 137,751	\$ 312,351	1.28	\$ 412,041	100%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3063	SEWER	DOWNTOWN CLSTR PIPE REPLCMT (A)	\$ 244,407	30	\$ 86,302	\$ 206,085	1.28	\$ 254,229	0%	\$ -	\$ -	\$ -	\$ -	\$ 164,494	\$ 247,557
3064	SEWER	W COMMERCE AVE SWR LINE REPLCMT	\$ 166,190	30	\$ 2,880	\$ 11,361	1.28	\$ 14,566	0%	\$ -	\$ -	\$ -	\$ -	\$ 129,478	\$ 198,290
3210	SEWER	2011 SWR LINES CONTRIB BY CONT	\$ 186,196	30	\$ 78,017	\$ 112,117	1.28	\$ 145,675	100%	\$ -	\$ -	\$ -	\$ -	\$ 5,615	\$ 8,522
3282	SEWER	DOWNTOWN CLSTR PIPE REPLCMT (B)	\$ 56,117	29	\$ 15,481	\$ 40,637	1.24	\$ 50,543	100%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3283	SEWER	CREEKSIDE OUTFALL (IS)	\$ 52,862	30	\$ 14,362	\$ 38,500	1.24	\$ 47,613	100%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3630	SEWER	PIPING 1 1/2 600 LINEAR	\$ 14,653,044	30	\$ 14,653,044	\$ -	1.63	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
6381	SEWER	2012 SWR LINES CONTRIB BY CONT	\$ 634,963	30	\$ 205,823	\$ 667,141	1.21	\$ 756,649	100%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
6562	SEWER	2013 SWR LINES CONTRIB BY CONT	\$ 1,522,546	30	\$ 477,704	\$ 1,114,782	1.18	\$ 1,317,350	100%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
6620	SEWER	ASH SLURRY LINE	\$ 194,361	10	\$ 115,074	\$ 49,417	1.21	\$ 59,772	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
6754	SEWER	2014 SWR LINES CONTRIB BY CONT	\$ 1,516,106	30	\$ 370,048	\$ 1,146,146	1.15	\$ 1,137,146	100%	\$ -	\$ -	\$ -	\$ -	\$ 59,772	\$ -
7151	SEWER	2016 SWR LINES CONTRIB BY CONT	\$ 164,038	30	\$ 24,606	\$ 139,433	1.09	\$ 125,145	100%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
7568	SEWER	2018 SWR LINES CONTRIB BY CONT	\$ 122,011	30	\$ 6,101	\$ 115,911	1.02	\$ 118,174	100%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
7654	SEWER	DISOLETE SEWER LINES 2018	\$ 688,135	30	\$ 688,135	\$ -	1.00	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
600	WATER	WATER SYS IMPROVEMENT	\$ 67,361	30	\$ 30,005	\$ 14,276	2.09	\$ 27,768	0%	\$ -	\$ -	\$ -	\$ -	\$ 262,720	\$ 365,406
619	WATER	REPAIR WATER CYCLOLOG TANK	\$ 105,019	10	\$ 105,019	\$ -	2.38	\$ -	0%	\$ -	\$ 13,783	\$ 14,095	\$ -	\$ -	\$ -
620	WATER	WATER TANK REPAIRS	\$ 77,061	10	\$ 77,061	\$ -	2.33	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
646	WATER	IMPROVEMENT	\$ 77,061	30	\$ 77,061	\$ -	2.77	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
647	WATER	IMPROVEMENT	\$ 82,301	30	\$ 82,301	\$ -	2.72	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
648	WATER	WATER IMPROVEMENT	\$ 35,703	30	\$ 35,703	\$ -	2.77	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
649	WATER	IMPROVEMENT HWY 311	\$ 1,888,372	30	\$ 1,888,372	\$ -	2.77	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
650	WATER	WATER SYS IMPROVEMENTS	\$ 225,174	30	\$ 225,174	\$ -	2.63	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
651	WATER	WATER SYS IMPROVEMENT	\$ 87,707	30	\$ 87,707	\$ -	2.56	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
652	WATER	WATER SYS IMPROVEMENTS	\$ 109,310	30	\$ 109,310	\$ -	2.56	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
653	WATER	WATER SYS IMPROVEMENTS	\$ 123,721	30	\$ 123,721	\$ -	2.50	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
654	WATER	WATER SYS IMPROVEMENTS	\$ 225,074	30	\$ 225,074	\$ -	2.44	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
655	WATER	WATER SYSTEM IMPROVEMENTS	\$ 240,424	30	\$ 232,410	\$ 8,014	2.38	\$ 19,107	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
656	WATER	WATER SYSTEM IMPV	\$ 230,735	30	\$ 187,371	\$ 13,984	2.38	\$ 31,707	0%	\$ -	\$ 9,463	\$ 9,643	\$ -	\$ -	\$ -
657	WATER	WATER SYSTEM IMPROVEMENTS	\$ 118,675	30	\$ 106,608	\$ 11,868	2.26	\$ 20,868	0%	\$ -	\$ 15,466	\$ 15,701	\$ -	\$ -	\$ -
658	WATER	WATER SYS IMPROVEMENTS	\$ 442,133	30	\$ 383,182	\$ 58,951	2.17	\$ 127,638	0%	\$ -	\$ 13,592	\$ 13,596	\$ -	\$ -	\$ -
659	WATER	WATER SYS IMPROVEMENTS	\$ 256,617	30	\$ 211,388	\$ 36,230	2.06	\$ 76,839	0%	\$ -	\$ 65,217	\$ 64,421	\$ -	\$ -	\$ -
660	WATER	WATER SYSTEM IMPROVEMENTS	\$ 44,011	30	\$ 39,147	\$ 4,864	2.06	\$ 7,869	0%	\$ -	\$ 39,543	\$ 40,296	\$ -	\$ -	\$ -
661	WATER	WATER SYS IMPROVEMENTS	\$ 638,759	30	\$ 511,007	\$ 127,752	2.06	\$ 205,421	0%	\$ -	\$ 8,963	\$ 126,663	\$ -	\$ -	\$ -
662	WATER	WATER SYS IMPROV PIED PARKWAY	\$ 58,372	30	\$ 47,488	\$ 11,874	2.06	\$ 24,465	0%	\$ -	\$ 130,498	\$ 130,663	\$ -	\$ -	\$ -
663	WATER	WATER SYS IMPROV	\$ 446,453	30	\$ 357,014	\$ 108,339	2.01	\$ 218,396	0%	\$ -	\$ 12,127	\$ 13,358	\$ -	\$ -	\$ -
664	WATER	WATER SYSTEM IMPROV	\$ 7,868	30	\$ 5,770	\$ 2,098	1.94	\$ 4,063	0%	\$ -	\$ 100,168	\$ 110,298	\$ -	\$ -	\$ -
665	WATER	WATER SYSTEM IMPROV	\$ 19,436	30	\$ 8,164	\$ 11,274	1.91	\$ 21,483	0%	\$ -	\$ 2,013	\$ 2,051	\$ -	\$ -	\$ -
666	WATER	WATER SYS IMPROVEMENTS	\$ 181,923	30	\$ 72,789	\$ 109,134	1.86	\$ 203,219	0%	\$ -	\$ 10,640	\$ 10,643	\$ -	\$ -	\$ -
667	WATER	WATER SYS IMPROV	\$ 145,870	30	\$ 60,431	\$ 85,439	1.91	\$ 164,002	0%	\$ -	\$ 100,851	\$ 100,568	\$ -	\$ -	\$ -
668	WATER	WATER SYS IMPROV	\$ 618,432	30	\$ 235,004	\$ 383,428	1.81	\$ 695,304	0%	\$ -	\$ 81,720	\$ 80,774	\$ -	\$ -	\$ -
669	WATER	WATER SYS IMPROV	\$ 184,846	30	\$ 104,846	\$ 79,999	1.78	\$ 116,168	0%	\$ -	\$ 944,973	\$ 950,651	\$ -	\$ -	\$ -
670	WATER	WATER SYS IMPROV	\$ 248,048	30	\$ 85,207	\$ 162,841	1.76	\$ 265,398	0%	\$ -	\$ 305,170	\$ 310,990	\$ -	\$ -	\$ -
671	WATER	WATER SYS IMPROV	\$ 1,034,896												

Fixed Assets Listing and Functional Allocations

Schedule 1

											Allocation of Assets by System Function					
Asset Number	Asset Group	Asset Description	Original Cost	Life of Asset (Years)	Accumulated Depreciation	Net Book Value	ENR Escalation Factor	RCNLD	% of Asset Contributed or Excluded	Water System			Sewer System			
										Source of Supply/Treatment	Transmission	Distribution	Treatment	Force Main/Transmission	Collection	
716	WATER	WATER SYSTEM IMPROV.	\$ 66,574	30	\$ 64,002	\$ 2,572	2.33	\$ 10,667	0%	\$ -	\$ 5,283	\$ 5,384	\$ -	\$ -	\$ -	
717	WATER	WATER SYSTEM IMPROVEMENT	\$ 47,200	30	\$ 45,322	\$ 1,878	2.33	\$ -	0%	\$ -	\$ 3,043	\$ 3,712	\$ -	\$ -	\$ -	
718	WATER	WATER SYS. IMPROVEMENTS	\$ 47,200	30	\$ 45,322	\$ 1,878	2.33	\$ -	0%	\$ -	\$ 3,043	\$ 3,712	\$ -	\$ -	\$ -	
719	WATER	WATER SYS. IMPROVEMENTS	\$ 85,317	30	\$ 71,098	\$ 14,220	2.09	\$ 29,665	0%	\$ -	\$ 14,693	\$ 14,975	\$ -	\$ -	\$ -	
720	WATER	WATER SYS. IMPROVEMENTS	\$ 47,200	30	\$ 45,322	\$ 1,878	2.33	\$ -	0%	\$ -	\$ 3,043	\$ 3,712	\$ -	\$ -	\$ -	
721	WATER	WATER SYS. IMPROV	\$ 54,361	30	\$ 51,469	\$ 2,892	2.06	\$ 16,439	0%	\$ -	\$ 8,142	\$ 8,207	\$ -	\$ -	\$ -	
722	WATER	WATER SYSTEM IMPROV.	\$ 42,372	30	\$ 39,485	\$ 2,887	2.01	\$ 19,839	0%	\$ -	\$ 10,374	\$ 10,013	\$ -	\$ -	\$ -	
723	WATER	WATER SYS. IMPROV.	\$ 123,036	30	\$ 119,288	\$ 3,748	1.81	\$ 136,302	0%	\$ -	\$ 68,514	\$ 69,818	\$ -	\$ -	\$ -	
724	WATER	WATER SYS. IMPROV.	\$ 123,036	30	\$ 119,288	\$ 3,748	1.81	\$ 136,302	0%	\$ -	\$ 68,514	\$ 69,818	\$ -	\$ -	\$ -	
725	WATER	WATER SYS. IMPROV.	\$ 67,519	50	\$ 20,616	\$ 46,903	1.73	\$ 79,060	0%	\$ -	\$ 70,079	\$ 71,413	\$ -	\$ -	\$ -	
726	WATER	WATER SYS. IMPROV.	\$ 67,519	50	\$ 20,616	\$ 46,903	1.73	\$ 79,060	0%	\$ -	\$ 70,079	\$ 71,413	\$ -	\$ -	\$ -	
727	WATER	WATER SYS. IMPROVEMENTS	\$ 25,964	30	\$ 25,964	\$ -	2.33	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
728	WATER	WATER SYS. IMPROVEMENTS	\$ 140,955	30	\$ 140,955	\$ -	2.33	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
729	WATER	WATER SYS. IMPROVEMENTS	\$ 253,584	30	\$ 253,584	\$ -	2.33	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
730	WATER	WATER SYS. IMPROVEMENTS	\$ 460,245	30	\$ 460,245	\$ -	2.33	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
731	WATER	WATER SYSTEM IMPROVEMENTS	\$ 500,000	30	\$ 500,000	\$ (0)	2.34	\$ (0)	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
732	WATER	WATER SYSTEM IMPROVEMENTS	\$ 799,673	30	\$ 773,017	\$ 26,656	2.38	\$ 63,550	0%	\$ -	\$ 31,475	\$ 32,075	\$ -	\$ -	\$ -	
733	WATER	WATER SYSTEM IMPROVEMENTS	\$ 606,355	30	\$ 583,725	\$ 22,630	2.33	\$ 151,014	0%	\$ -	\$ 69,842	\$ 71,175	\$ -	\$ -	\$ -	
741	WATER	WATER SYS. IMPROVEMENTS	\$ 669,281	30	\$ 649,281	\$ 20,000	2.33	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
742	WATER	WATER SYS. IMPROVEMENTS	\$ 669,281	30	\$ 649,281	\$ 20,000	2.33	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
743	WATER	WATER SYS. IMPROVEMENTS	\$ 669,281	30	\$ 649,281	\$ 20,000	2.33	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
744	WATER	WATER SYS. IMPROV.	\$ 62,325	30	\$ 59,844	\$ 2,481	2.06	\$ 260,760	0%	\$ -	\$ 129,150	\$ 131,000	\$ -	\$ -	\$ -	
745	WATER	WATER SYSTEM IMPROV.	\$ 106,435	30	\$ 78,096	\$ 28,339	1.94	\$ 30,000	0%	\$ -	\$ 80,852	\$ 82,371	\$ -	\$ -	\$ -	
746	WATER	WATER SYSTEM IMPROV.	\$ 61,615	30	\$ 27,111	\$ 34,504	1.94	\$ 66,804	0%	\$ -	\$ 33,097	\$ 33,727	\$ -	\$ -	\$ -	
747	WATER	WATER SYS. IMPROV.	\$ 18,690	30	\$ 17,850	\$ 840	1.94	\$ 20,685	0%	\$ -	\$ 10,420	\$ 10,425	\$ -	\$ -	\$ -	
748	WATER	WATER SYS. IMPROV.	\$ 130,716	20	\$ 46,672	\$ 84,044	1.81	\$ 148,644	0%	\$ -	\$ 72,600	\$ 74,775	\$ -	\$ -	\$ -	
749	WATER	WATER SYS. IMPROV.	\$ 34,102	50	\$ 10,277	\$ 23,825	1.78	\$ 38,873	0%	\$ -	\$ 19,239	\$ 19,599	\$ -	\$ -	\$ -	
750	WATER	WATER SYS. IMPROV.	\$ 34,102	50	\$ 10,277	\$ 23,825	1.78	\$ 38,873	0%	\$ -	\$ 19,239	\$ 19,599	\$ -	\$ -	\$ -	
751	WATER	WATER SYS. IMPROV.	\$ 121,337	30	\$ 41,335	\$ 80,002	1.73	\$ 138,163	0%	\$ -	\$ 68,440	\$ 69,743	\$ -	\$ -	\$ -	
752	WATER	WATER SUPPLY DATA MGT. SYS.	\$ 12,030	30	\$ 12,030	\$ -	2.33	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
753	WATER	WATER DATA MGT. SYS.	\$ 27,479	30	\$ 27,479	\$ -	2.33	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
754	WATER	WATER DATA MGT. SYS.	\$ 45,687	30	\$ 45,687	\$ -	2.33	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
755	WATER	WATER DATA MGT. SYS.	\$ 56,991	30	\$ 54,995	\$ 1,996	2.38	\$ 4,521	0%	\$ 4,521	\$ -	\$ -	\$ -	\$ -	\$ -	
756	WATER	WATER DATA MGT. SYS.	\$ 41,560	30	\$ 39,788	\$ 1,772	2.33	\$ 4,664	0%	\$ 4,664	\$ -	\$ -	\$ -	\$ -	\$ -	
757	WATER	WATER SYS. IMPROVEMENTS ARCHDALE	\$ 104,744	30	\$ 104,744	\$ -	2.33	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
758	WATER	WATER SYS. IMPROVEMENTS, GUYER	\$ 24,751	30	\$ 24,751	\$ -	2.33	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
759	WATER	WATER METERS	\$ 100,017	30	\$ 96,693	\$ 3,324	2.38	\$ 7,948	100%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
760	WATER	WATER METERS	\$ 100,000	30	\$ 93,339	\$ 6,661	2.33	\$ 15,556	100%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
761	WATER	RENOVATION L. KEARNS WATER P.L.T.	\$ 100,000	30	\$ 75,525	\$ 24,475	2.33	\$ 4,442	0%	\$ 4,442	\$ -	\$ -	\$ -	\$ -	\$ -	
762	WATER	CITY LAKE RAW WATER INTAKE	\$ 151,487	30	\$ 151,487	\$ -	2.33	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
763	WATER	CITY LAKE RAW WATER INTAKE	\$ 121,538	30	\$ 121,538	\$ -	2.33	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
764	WATER	CITY LAKE RAW WATER INTAKE	\$ 121,538	30	\$ 121,538	\$ -	2.33	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
765	WATER	CITY LAKE RAW WATER INTAKE	\$ 121,538	30	\$ 121,538	\$ -	2.33	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
766	WATER	CITY LAKE RAW WATER INTAKE	\$ 121,538	30	\$ 121,538	\$ -	2.33	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
767	WATER	CITY LAKE RAW WATER INTAKE	\$ 121,538	30	\$ 121,538	\$ -	2.33	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
768	WATER	CITY LAKE RAW WATER INTAKE	\$ 121,538	30	\$ 121,538	\$ -	2.33	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
769	WATER	CITY LAKE RAW WATER INTAKE	\$ 121,538	30	\$ 121,538	\$ -	2.33	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
770	WATER	CITY LAKE RAW WATER INTAKE	\$ 121,538	30	\$ 121,538	\$ -	2.33	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
771	WATER	CITY LAKE RAW WATER INTAKE	\$ 121,538	30	\$ 121,538	\$ -	2.33	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
772	WATER	CITY LAKE RAW WATER INTAKE	\$ 121,538	30	\$ 121,538	\$ -	2.33	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
773	WATER	CITY LAKE RAW WATER INTAKE	\$ 121,538	30	\$ 121,538	\$ -	2.33	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
774	WATER	CITY LAKE RAW WATER INTAKE	\$ 121,538	30	\$ 121,538	\$ -	2.33	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
775	WATER	CITY LAKE RAW WATER INTAKE	\$ 121,538	30	\$ 121,538	\$ -	2.33	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
776	WATER	CITY LAKE RAW WATER INTAKE	\$ 121,538	30	\$ 121,538	\$ -	2.33	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
777	WATER	CITY LAKE RAW WATER INTAKE	\$ 121,538	30	\$ 121,538	\$ -	2.33	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
778	WATER	CITY LAKE RAW WATER INTAKE	\$ 121,538	30	\$ 121,538	\$ -	2.33	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
779	WATER	CITY LAKE RAW WATER INTAKE	\$ 121,538	30	\$ 121,538	\$ -	2.33	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
780	WATER	CITY LAKE RAW WATER INTAKE	\$ 121,538	30	\$ 121,538	\$ -	2.33	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
781	WATER	CITY LAKE RAW WATER INTAKE	\$ 121,538	30	\$ 121,538	\$ -	2.33	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
782	WATER	CITY LAKE RAW WATER INTAKE	\$ 121,538	30	\$ 121,538	\$ -	2.33	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
783	WATER	CITY LAKE RAW WATER INTAKE	\$ 121,538	30	\$ 121,538	\$ -	2.33	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
784	WATER	CITY LAKE RAW WATER INTAKE	\$ 121,538	30	\$ 121,538	\$ -	2.33	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
785	WATER	CITY LAKE RAW WATER INTAKE	\$ 121,538	30	\$ 121,538	\$ -	2.33	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
786	WATER	CITY LAKE RAW WATER INTAKE	\$ 121,538	30	\$ 121,538	\$ -	2.33	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
787	WATER	CITY LAKE RAW WATER INTAKE	\$ 121,538	30	\$ 121,538	\$ -	2.33	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
788	WATER	CITY LAKE RAW WATER INTAKE	\$ 121,538	30	\$ 121,538	\$ -	2.33	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
789	WATER	CITY LAKE RAW WATER INTAKE	\$ 121,538	30	\$ 121,538	\$ -	2.33	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
790	WATER	CITY LAKE RAW WATER INTAKE	\$ 121,538	30	\$ 121,538	\$ -	2.33	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
791	WATER	CITY LAKE RAW WATER INTAKE	\$ 121,538	30	\$ 121,538	\$ -	2.33	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
792	WATER	CITY LAKE RAW WATER INTAKE	\$ 121,538	30	\$ 121,538	\$ -	2.33	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
793	WATER	CITY LAKE RAW WATER INTAKE	\$ 121,538	30	\$ 121,538	\$ -	2.33	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
794	WATER	CITY LAKE RAW WATER INTAKE	\$ 121,538	30	\$ 121,538	\$ -	2.33	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
795	WATER	CITY LAKE RAW WATER INTAKE	\$ 121,538	30	\$ 121,538	\$ -	2.33	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
796	WATER	CITY LAKE RAW WATER INTAKE	\$ 121,538	30	\$ 121,538	\$ -	2.33	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
797	WATER	CITY LAKE RAW WATER INTAKE	\$ 121,538	30	\$ 121,538	\$ -	2.33	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
798	WATER	CITY LAKE RAW WATER INTAKE	\$ 121,538	30	\$ 121,538	\$ -	2.33	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
799	WATER	CITY LAKE RAW WATER INTAKE	\$ 121,538	30	\$ 121,538	\$ -	2.33	\$ -	0%	\$ -	\$ -	\$				

Fixed Assets Listing and Functional Allocations

Schedule 1

										Allocation of Assets by System Function					
										Water System			Sewer System		
Asset Number	Asset Group	Asset Description	Original Cost	Life of Asset (Years)	Accumulated Depreciation	Net Book Value	ENR Escalation Factor	RCNLD	% of Asset Contributed or Excluded	Source of Supply/Treatment	Transmission	Distribution	Treatment	Force Main/Transmission	Collection
7859	WATER	WATER IMPROVEMENTS 2012	\$ 160,587	30	\$ 5,353	\$ 155,234	1.02	\$ 158,265	0%	\$ -	\$ -	\$ 78,386	\$ -	\$ -	\$ -
7860	WATER	WATER IMPROVEMENTS 2013	\$ 67,298	30	\$ 2,243	\$ 65,055	1.02	\$ 66,315	0%	\$ -	\$ -	\$ 32,845	\$ -	\$ -	\$ -
7861	WATER	WATER IMPROVEMENTS 2014	\$ 2,375	30	\$ 79	\$ 2,296	1.02	\$ 2,375	0%	\$ -	\$ -	\$ 1,161	\$ -	\$ -	\$ -
7862	WATER	WATER IMPROVEMENTS 2015	\$ 9,696	30	\$ 323	\$ 9,373	1.02	\$ 9,555	0%	\$ -	\$ -	\$ 4,733	\$ -	\$ -	\$ -
7863	WATER	WATER IMPROVEMENTS 2016	\$ 175	30	\$ 6	\$ 169	1.02	\$ 175	0%	\$ -	\$ -	\$ 85	\$ -	\$ -	\$ -
7864	WATER	WATER IMPROVEMENTS 2017	\$ 156,855	30	\$ 5,229	\$ 151,626	1.02	\$ 154,566	0%	\$ -	\$ -	\$ 76,566	\$ -	\$ -	\$ -
7865	WATER	WATER IMPROVEMENTS 2018	\$ 121,350	30	\$ 4,278	\$ 117,072	1.02	\$ 120,451	0%	\$ -	\$ -	\$ 64,115	\$ -	\$ -	\$ -
7866	WATER	WATER IMPROVEMENTS 2019	\$ 29,412	30	\$ 2,071	\$ 27,341	1.02	\$ 28,412	0%	\$ -	\$ -	\$ 14,567	\$ -	\$ -	\$ -
7871	WATER	SKATE CLUB UTILITIES	\$ 102,780	40	\$ 2,270	\$ 100,510	1.02	\$ 102,780	0%	\$ -	\$ -	\$ 50,602	\$ -	\$ -	\$ -
7877	WATER	WARD WTP SAFETY	\$ 549,538	30	\$ 18,285	\$ 531,253	1.02	\$ 540,268	0%	\$ 340,606	\$ -	\$ -	\$ -	\$ -	\$ -
481	WATER	WATER PIPING C/O	\$ 127,500	20	\$ 127,500	\$ -	\$ -	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
1058	WATER	WATER&SWR MAINS CONTRIB BY CONT	\$ 1,011,816	20	\$ 1,047,271	\$ -	\$ -	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
1076	WATER	Westwood Water Main	\$ 143,336	25	\$ 74,335	\$ 69,001	1.46	\$ 100,135	0%	\$ -	\$ -	\$ 406,674	\$ -	\$ -	\$ -
2244	WATER	WATER&SWR LINES CONTRIB BY CONT	\$ 6,164,074	25	\$ 2,973,155	\$ 3,190,919	1.42	\$ 4,560,872	0%	\$ -	\$ -	\$ 2,256,829	\$ -	\$ -	\$ -
2701	WATER	WESTWOOD WATER LINE REPL/CAPI	\$ 55,152	25	\$ 20,374	\$ 34,778	1.36	\$ 44,187	0%	\$ -	\$ -	\$ 2,301,043	\$ -	\$ -	\$ -
2708	WATER	CITY LAKE RAW WATER PUMP	\$ 1,724,698	30	\$ 643,596	\$ 1,081,102	1.36	\$ 1,508,617	0%	\$ -	\$ -	\$ 21,885	\$ -	\$ -	\$ -
2716	WATER	PTRWAPUMP STN/COLTRANE/HWY 62	\$ 1,474,672	30	\$ 540,713	\$ 933,959	1.36	\$ 1,267,096	0%	\$ -	\$ -	\$ 22,302	\$ -	\$ -	\$ -
2724	WATER	PTRWAPUMP TREATMENT PLT PHASE 1	\$ 8,546,471	30	\$ 3,130,706	\$ 5,415,765	1.36	\$ 7,348,277	0%	\$ -	\$ -	\$ 1,267,096	\$ -	\$ -	\$ -
3275	WATER	PTRWAPUMP TANK	\$ 2,097,755	30	\$ 889,188	\$ 1,208,567	1.36	\$ 2,081,081	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3276	WATER	WARD WTP FILTER REPLACEMENT	\$ 304,345	20	\$ 163,058	\$ 141,287	1.28	\$ 256,027	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3285	WATER	WARD WTP ELECTRIC STUDY	\$ 53,106	10	\$ 47,795	\$ 5,311	1.28	\$ 6,600	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3288	WATER	KYLE T DRIVE UTILITIES/WATER	\$ 1,145,772	30	\$ 326,008	\$ 819,764	1.24	\$ 1,043,769	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3290	WATER	NW WATER SYS IMPROVMENTS PHASE 2	\$ 80,000	30	\$ 24,000	\$ 56,000	1.28	\$ 71,600	0%	\$ -	\$ -	\$ 510,725	\$ -	\$ -	\$ -
3295	WATER	CORPUSCURRETLY WATER IMPROVEMENTS	\$ 1,000	10	\$ 900	\$ 100	1.28	\$ 128	0%	\$ -	\$ -	\$ 520,564	\$ -	\$ -	\$ -
3296	WATER	PIPING 3375 LINEAR FEET	\$ 44,570	50	\$ -	\$ 44,570	-	\$ -	0%	\$ -	\$ -	\$ 35,285	\$ -	\$ -	\$ -
3298	WATER	PIPING 28625 LINEAR FT	\$ 2,026,675	20	\$ 2,026,675	\$ -	-	\$ -	0%	\$ -	\$ -	\$ 54	\$ -	\$ -	\$ -
3299	WATER	PIPING 77827 LINEAR FT	\$ 776,200	50	\$ -	\$ 776,200	-	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3340	WATER	PIPING 58878 LINEAR FT	\$ 889,970	50	\$ -	\$ 889,970	-	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3741	WATER	PIPING 2940 LINEAR FT	\$ 77,552	50	\$ -	\$ 77,552	-	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3742	WATER	PIPING UNDER 8 INCHES	\$ 160,177	50	\$ -	\$ 160,177	-	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3743	WATER	PIPING 974846 LINEAR FT	\$ 3,570,186	50	\$ -	\$ 3,570,186	-	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3744	WATER	PIPING 375024 LINEAR FEET	\$ 1,735,716	50	\$ -	\$ 1,735,716	-	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3745	WATER	PIPING 45138 LINEAR FT OF	\$ 25,143	50	\$ -	\$ 25,143	-	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
6380	WATER	2012 WTR LINES CONTRIB BY CONT	\$ 634,063	20	\$ 376,022	\$ 258,041	1.21	\$ 735,849	100%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
6381	WATER	2013 WTR LINES CONTRIB BY CONT	\$ 1,367,546	20	\$ 477,764	\$ 889,782	1.18	\$ 1,317,300	100%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
6381	WATER	MAINS-12 TARRANT ROAD	\$ 75,584	20	\$ 35,285	\$ 40,299	1.21	\$ 60,333	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
6382	WATER	MAINS-16 HARVEY ROAD	\$ 330,041	20	\$ 115,114	\$ 214,927	1.21	\$ 260,044	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
6382	WATER	MAINS-OLD WINSTON RD WIDENING	\$ 227,278	20	\$ 79,247	\$ 148,031	1.21	\$ 179,048	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
6383	WATER	2014 WTR LINES CONTRIB BY CONT	\$ 1,337,335	20	\$ 357,285	\$ 980,050	1.15	\$ 1,042,555	100%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
6384	WATER	2015 WTR LINES CONTRIB BY CONT	\$ 1,337,335	20	\$ 357,285	\$ 980,050	1.15	\$ 1,042,555	100%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
6385	SEWER	2015 SWR LINES CONTRIB BY CONT	\$ 1,337,335	20	\$ 357,285	\$ 980,050	1.15	\$ 1,042,555	100%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
6386	WATER	MAINS-LUNDSDAY DRIVE UTILITIES	\$ 806,051	40	\$ 806,051	\$ -	-	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
6386	WATER	MAINS-HARLEY DRIVE UTILITIES	\$ 446,632	40	\$ 446,632	\$ -	-	\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
6386	WATER	MAINS-KEARNS LOOP REHAB	\$ 1,309,616	25	\$ 261,923	\$ 1,047,693	1.15	\$ 1,259,556	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
7150	WATER	2016 WTR LINES CONTRIB BY CONT	\$ 164,039	20	\$ 24,606	\$ 139,433	1.06	\$ 152,145	100%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
7289	WATER	2017 WTR LINES CONTRIB BY CONT	\$ 377,867	20	\$ 37,787	\$ 340,080	1.06	\$ 357,336	100%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
7297	WATER	2018 WTR LINES CONTRIB BY CONT	\$ 129,011	20	\$ 8,101	\$ 120,910	1.06	\$ 118,741	100%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
7812	WATER	2019 WTR LINES CONTRIB BY CONT	\$ 103,786	20	\$ -	\$ 103,786	1.00	\$ 103,786	100%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
7855	WATER	OBSCLETE WATER LINES 2019	\$ 607,124	30	\$ -	\$ 607,124	1.00	\$ 607,124	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
7750	SEWER	PERM EASEMENT-4600 JOHNSON ST	\$ 9,451	0	\$ -	\$ 9,451	1.00	\$ 9,451	0%	\$ -	\$ -	\$ 300,619	\$ -	\$ -	\$ -
7755	SEWER	PERM EASEMENT-0 JOYCE CIRCLE	\$ 7,105	0	\$ -	\$ 7,105	1.00	\$ 7,105	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
7804	SEWER	PERM EASEMENT 3003 TANGLEBROOK	\$ 8,433	0	\$ -	\$ 8,433	1.00	\$ 8,433	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
7805	SEWER	PERM EASEMENT 3650 TANGLEBROOK	\$ 6,693	0	\$ -	\$ 6,693	1.00	\$ 6,693	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
7807	SEWER	PERM EASEMENT 2884 RIVERDALE	\$ 7	0	\$ -	\$ 7	1.00	\$ 7	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
462	WATER	WATER TOWER	\$ 5,550	0	\$ -	\$ 5,550	17.05	\$ 66,893	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
463	WATER	FILTRATION PLANT	\$ 103,000	0	\$ -	\$ 103,000	6.44	\$ 664,142	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
464	WATER	RESERVOIR	\$ 29,000	0	\$ -	\$ 29,000	24.58	\$ 2,633,075	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
465	WATER	NEW CITY LAKE	\$ 30,000	0	\$ -	\$ 30,000	6.89	\$ 286,548	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
466	WATER	NEW CITY LAKE	\$ 5,840	0	\$ -	\$ 5,840	8.86	\$ 51,918	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
467	WATER	NEW CITY LAKE	\$ 11,280	0	\$ -	\$ 11,280	12.52	\$ 141,237	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
468	WATER	NEW CITY LAKE	\$ 8,090	0	\$ -	\$ 8,090	8.89	\$ 71,653	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
469	WATER	NEW CITY LAKE	\$ 1,300	0	\$ -	\$ 1,300	12.05	\$ 15,669	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
470	WATER	NEW CITY LAKE	\$ 17,820	0	\$ -	\$ 17,820	8.89	\$ 158,420	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
471	WATER	NEW CITY LAKE	\$ 2,130	0	\$ -	\$ 2,130	12.52	\$ 20,670	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
472	WATER	VACANT LOT	\$ 420	0	\$ -	\$ 420	12.52	\$ 5,259	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
473	WATER	VACANT LOT	\$ 1,540	0	\$ -	\$ 1,540	12.52	\$ 19,608	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
474	WATER	NEW CITY LAKE	\$ 1,900	0	\$ -	\$ 1,900	12.52	\$ 23,790	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
475	WATER	VACANT LOT	\$ 2,670	0	\$ -	\$ 2,670	8.89	\$ 21,403	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
476	WATER	NEW CITY LAKE	\$ 9,300	0	\$ -	\$ 9,300	8.89	\$ 82,677	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
477	WATER	NEW CITY LAKE	\$ 27,120	0	\$ -	\$ 27,120	8.89	\$ 241,007	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
478	WATER	VACANT LOT	\$ 39,000	0	\$ -	\$ 39,000	6.44	\$ 250,984	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
479	WATER	VACANT LOT	\$ 1,540	0	\$ -	\$ 1,540	6.44	\$ 9,911	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
480	WATER	VACANT LOT	\$ 960	0	\$ -	\$ 960	15.58	\$ 14,959	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
481	WATER	OAK HOLLOW LAKE	\$ 2,210	0	\$ -	\$ 2,210	10.50	\$ 23,214	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
482	WATER	VACANT LOT	\$ 53,670	0	\$ -	\$ 53,670									

Fixed Assets Listing and Functional Allocations

Schedule 1

Asset Number	Asset Group	Asset Description	Original Cost	Life of Asset (Years)	Accumulated Depreciation	Net Book Value	ENR Escalation Factor	RCNLD	% of Asset Contributed or Excluded	Allocation of Assets by System Function					
										Water System	Water System	Water System	Water System	Sewer System	Sewer System
										Source of Supply/Treatment	Transmission	Distribution	Treatment	Force Main/Transmission	Collection
514	WATER	OAK HOLLOW LAKE	1,170	0	-	1,170	12.5%	14,650	0%	14,650	-	-	-	-	-
515	WATER	OAK HOLLOW LAKE	1,170	0	-	1,170	12.5%	14,650	0%	14,650	-	-	-	-	-
516	WATER	OAK HOLLOW LAKE	1,150	0	-	1,150	12.5%	14,399	0%	14,399	-	-	-	-	-
517	WATER	OAK HOLLOW LAKE	1,540	0	-	1,540	12.5%	19,292	0%	19,292	-	-	-	-	-
518	WATER	OAK HOLLOW LAKE	1,240	0	-	1,240	12.5%	15,526	0%	15,526	-	-	-	-	-
519	WATER	OAK HOLLOW LAKE	1,110	0	-	1,110	12.5%	13,888	0%	13,888	-	-	-	-	-
520	WATER	OAK HOLLOW LAKE	1,110	0	-	1,110	12.5%	13,888	0%	13,888	-	-	-	-	-
521	WATER	VACANT LOT	5,030	0	-	5,030	12.0%	60,625	0%	60,625	-	-	-	-	-
522	WATER	OAK HOLLOW LAKE	4,300	0	-	4,300	12.0%	51,807	0%	51,807	-	-	-	-	-
523	WATER	OAK HOLLOW LAKE	21,000	0	-	21,000	12.0%	253,108	0%	253,108	-	-	-	-	-
524	WATER	OAK HOLLOW LAKE	6,500	0	-	6,500	12.0%	78,343	0%	78,343	-	-	-	-	-
525	WATER	VACANT LOT	7,080	0	-	7,080	12.0%	85,917	0%	85,917	-	-	-	-	-
526	WATER	OAK HOLLOW LAKE	3,780	0	-	3,780	12.0%	45,128	0%	45,128	-	-	-	-	-
527	WATER	OAK HOLLOW LAKE	29,860	0	-	29,860	8.17	359,758	0%	359,758	-	-	-	-	-
528	WATER	OAK HOLLOW LAKE	4,700	0	-	4,700	8.69	57,128	0%	57,128	-	-	-	-	-
529	WATER	VACANT LOT	4,120	0	-	4,120	10.50	50,010	0%	50,010	-	-	-	-	-
530	WATER	OAK HOLLOW LAKE	1,460	0	-	1,460	10.50	17,836	0%	17,836	-	-	-	-	-
531	WATER	OAK HOLLOW LAKE	580	0	-	580	8.17	7,038	0%	7,038	-	-	-	-	-
532	WATER	OAK HOLLOW LAKE	1,460	0	-	1,460	12.5%	18,281	0%	18,281	-	-	-	-	-
533	WATER	OAK HOLLOW LAKE	1,950	0	-	1,950	12.0%	23,445	0%	23,445	-	-	-	-	-
534	WATER	OAK HOLLOW LAKE	1,950	0	-	1,950	12.5%	24,416	0%	24,416	-	-	-	-	-
535	WATER	OAK HOLLOW LAKE	1,950	0	-	1,950	12.5%	24,416	0%	24,416	-	-	-	-	-
536	WATER	OAK HOLLOW LAKE	1,950	0	-	1,950	8.17	23,445	0%	23,445	-	-	-	-	-
537	WATER	WATERVIEW	641	0	-	641	8.17	7,757	0%	7,757	-	-	-	-	-
538	WATER	OAK HOLLOW LAKE	330	0	-	330	8.17	4,000	0%	4,000	-	-	-	-	-
540	WATER	VACANT LOT	3,510	0	-	3,510	17.84	42,610	0%	42,610	-	-	-	-	-
541	WATER	OAK HOLLOW LAKE	450	0	-	450	12.5%	5,634	0%	5,634	-	-	-	-	-
542	WATER	OAK HOLLOW LAKE	200	0	-	200	12.5%	2,455	0%	2,455	-	-	-	-	-
543	WATER	OAK HOLLOW LAKE	530	0	-	530	12.5%	6,636	0%	6,636	-	-	-	-	-
544	WATER	OAK HOLLOW LAKE	450	0	-	450	12.5%	5,634	0%	5,634	-	-	-	-	-
545	WATER	OAK HOLLOW LAKE	450	0	-	450	12.5%	5,634	0%	5,634	-	-	-	-	-
546	WATER	OAK HOLLOW LAKE	450	0	-	450	12.5%	5,634	0%	5,634	-	-	-	-	-
547	WATER	OAK HOLLOW LAKE	2,800	0	-	2,800	12.5%	35,050	0%	35,050	-	-	-	-	-
548	WATER	OAK HOLLOW LAKE	3,700	0	-	3,700	12.5%	46,023	0%	46,023	-	-	-	-	-
549	WATER	OAK HOLLOW LAKE	3,300	0	-	3,300	12.5%	41,310	0%	41,310	-	-	-	-	-
550	WATER	OAK HOLLOW LAKE	760	0	-	760	12.5%	9,516	0%	9,516	-	-	-	-	-
551	WATER	OAK HOLLOW LAKE	630	0	-	630	13.0%	7,797	0%	7,797	-	-	-	-	-
552	WATER	OAK HOLLOW LAKE	460	0	-	460	12.5%	5,760	0%	5,760	-	-	-	-	-
553	WATER	OAK HOLLOW LAKE	460	0	-	460	12.5%	5,760	0%	5,760	-	-	-	-	-
554	WATER	OAK HOLLOW LAKE	460	0	-	460	12.5%	5,760	0%	5,760	-	-	-	-	-
555	WATER	OAK HOLLOW LAKE	2,610	0	-	2,610	12.5%	32,680	0%	32,680	-	-	-	-	-
556	WATER	OAK HOLLOW LAKE	450	0	-	450	12.5%	5,634	0%	5,634	-	-	-	-	-
557	WATER	OAK HOLLOW LAKE	450	0	-	450	12.5%	5,634	0%	5,634	-	-	-	-	-
558	WATER	VACANT LOT	90	0	-	90	12.5%	1,121	0%	1,121	-	-	-	-	-
559	WATER	OAK HOLLOW LAKE	230	0	-	230	12.5%	2,880	0%	2,880	-	-	-	-	-
560	WATER	OAK HOLLOW LAKE	230	0	-	230	12.5%	2,880	0%	2,880	-	-	-	-	-
561	WATER	OAK HOLLOW LAKE	230	0	-	230	12.5%	2,880	0%	2,880	-	-	-	-	-
562	WATER	OAK HOLLOW LAKE	230	0	-	230	12.5%	2,880	0%	2,880	-	-	-	-	-
563	WATER	OAK HOLLOW LAKE	2,010	0	-	2,010	12.5%	25,167	0%	25,167	-	-	-	-	-
564	WATER	OAK HOLLOW LAKE	120	0	-	120	12.5%	1,446	0%	1,446	-	-	-	-	-
565	WATER	OAK HOLLOW LAKE	2,730	0	-	2,730	12.5%	34,182	0%	34,182	-	-	-	-	-
566	WATER	OAK HOLLOW LAKE	230	0	-	230	12.5%	2,880	0%	2,880	-	-	-	-	-
567	WATER	OAK HOLLOW LAKE	230	0	-	230	12.5%	2,880	0%	2,880	-	-	-	-	-
568	WATER	OAK HOLLOW LAKE	230	0	-	230	12.5%	2,880	0%	2,880	-	-	-	-	-
569	WATER	OAK HOLLOW LAKE	370	0	-	370	12.5%	4,603	0%	4,603	-	-	-	-	-
570	WATER	OAK HOLLOW LAKE	2,730	0	-	2,730	12.5%	34,182	0%	34,182	-	-	-	-	-
571	WATER	OAK HOLLOW LAKE	120	0	-	120	12.5%	1,446	0%	1,446	-	-	-	-	-
572	WATER	OAK HOLLOW LAKE	230	0	-	230	12.5%	2,880	0%	2,880	-	-	-	-	-
573	WATER	OAK HOLLOW LAKE	230	0	-	230	12.5%	2,880	0%	2,880	-	-	-	-	-
574	WATER	OAK HOLLOW LAKE	230	0	-	230	12.5%	2,880	0%	2,880	-	-	-	-	-
575	WATER	OAK HOLLOW LAKE	230	0	-	230	12.5%	2,880	0%	2,880	-	-	-	-	-
576	WATER	OAK HOLLOW LAKE	350	0	-	350	12.5%	4,392	0%	4,392	-	-	-	-	-
577	WATER	OAK HOLLOW LAKE	230	0	-	230	12.5%	2,880	0%	2,880	-	-	-	-	-
578	WATER	OAK HOLLOW LAKE	230	0	-	230	12.5%	2,880	0%	2,880	-	-	-	-	-
579	WATER	OAK HOLLOW LAKE	120	0	-	120	12.5%	1,446	0%	1,446	-	-	-	-	-
580	WATER	OAK HOLLOW LAKE	120	0	-	120	12.5%	1,446	0%	1,446	-	-	-	-	-
581	WATER	OAK HOLLOW LAKE	120	0	-	120	12.5%	1,446	0%	1,446	-	-	-	-	-
582	WATER	OAK HOLLOW LAKE	30,070	0	-	30,070	8.89	369,878	0%	369,878	-	-	-	-	-
583	WATER	OAK HOLLOW LAKE	21,540	0	-	21,540	8.89	266,878	0%	266,878	-	-	-	-	-
584	WATER	OAK HOLLOW LAKE	15,050	0	-	15,050	8.89	187,490	0%	187,490	-	-	-	-	-
585	WATER	OAK HOLLOW LAKE	5,150	0	-	5,150	8.89	63,673	0%	63,673	-	-	-	-	-
586	WATER	OAK HOLLOW LAKE	2,250	0	-	2,250	8.89	28,002	0%	28,002	-	-	-	-	-
587	WATER	OAK HOLLOW LAKE	78,160	0	-	78,160	5.95	966,306	0%	966,306	-	-	-	-	-
588	WATER	OAK HOLLOW LAKE	2,488,600	0	-	2,488,600	4.70	30,650,000	0%	30,650,000	-	-	-	-	-
589	WATER	WATER SHED PURCH. 7-1-07	3,084,328	0	-	3,084,328	1.81	38,050,000	0%	38,050,000	-	-	-	-	-
590	SEWER	2 ACRE RIVERDALE	4,000	0	-	4,000	2.91	5,614,850	0%	5,614,850	-	-	-	-	-
591	SEWER	1300 SOUTH ELM	53,702	0	-	53,702	1.52	665,878	0%	665,878	-	-	-	-	-
592	SEWER	1111 Bates Chapel Road	2,000	0	-	2,000	1.46	2,511	0%	2,511	-	-	-	-	-
593	SEWER	1209 Bates Chapel Road	2,000	0	-	2,000	1.46	2,511	0%	2,511	-	-	-	-	-
594	SEWER	1215 Bates Chapel Road	2,000	0	-	2,000	1.46	2,511	0%	2,511	-	-	-	-	-
595	SEWER	520 Quindlen Road, Jamestown	2,000	0	-	2,000	1.46	2,511	0%	2,511	-	-	-	-	-
596	SEWER	Armstrong Drive	2,000	0	-	2,000	1.46	2,511	0%	2,511	-	-	-	-	-
597	SEWER	2222 & 2224 Plainview Drive	39,845	0	-	39,845	1.42	496,033	0%	496,033	-	-	-	-	-
598	SEWER	1635 & 1635 N HAMILTON ST	98,607	0	-	98,607	1.28	1,232,426	0%	1,232,426	-	-	-	-	-
599	SEWER	1121 CORNHORNS DRIVE	10,240	0	-	10,240	1.14	127,749	0%	127,749	-	-	-	-	-
600	WATER	3300 HILLSIDE DRIVE	3,300	0	-	3,300	3.19	40,627	0%	40,627	-	-	-	-	-
601	SEWER	EASTSIDE JACKSON LAKE RD	1,808	0	-	1,808	2.03	22,449	0%	22,449	-	-	-	-	-
602	SEWER	1040 RESIDUES PUMP	11,880	0	-	11,880	8.17	147,349	0%	147,349	-	-	-	-	-
603	SEWER	PUMP STATION	2,000	0	-	2,000	7.14	25,111	0%	25,111	-	-	-	-	-
604	SEWER	PUMP STATION	5,320	0	-	5,320	12.5%	66,012	0%	66,012	-	-	-	-	-
605	SEWER	817 POLICE ACADEMY RIVERDALE	35,840	0	-	35,840	4.70	444,349	0%	444,349	-	-	-	-	-
606	SEWER	WESTSIDE SEWER	7,750	0	-	7,750	4.70	96,349	0%	96,349	-	-	-	-	-
607	SEWER	944-7043 100 AGRIS	425,184	0	-	425,184	7.77	5,267,448	0%	5,267,448	-	-	-	-	-
608	WATER	1200 POTTS AVE NUL. TANK RPL GMT	70,660	0	-	70,660	1.12	881,545	0%	881,545	-	-	-	-	-
609	SEWER	PERM EASEMENT CASBARY 8807 ADKINS	15,066	0	-	15,066	1.02	188,841	0%	188,841	-	-	-	-	-
610	SEWER	PERM EASEMENT 1640 ADKINS RD	6,166	0	-	6,166	1.02	76,999	0%	76,999	-	-	-	-	-

Fixed Assets Listing and Functional Allocations

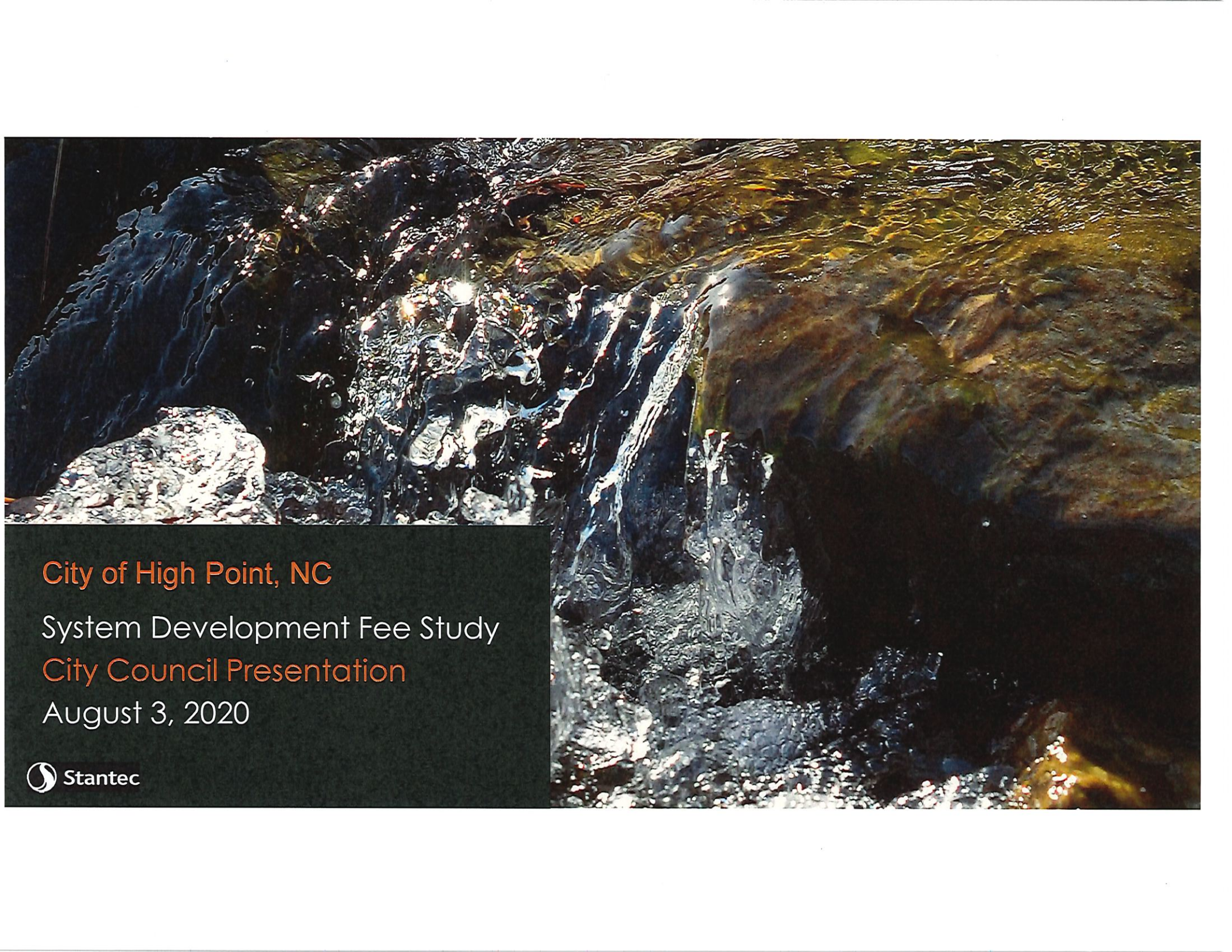
Schedule 1

Asset Number	Asset Group	Asset Description	Original Cost	Life of Asset (Years)	Accumulated Depreciation	Net Book Value	ENR Escalation Factor	RCNLD	% of Asset Contributed or Excluded	Allocation of Assets by System Function					
										Water System			Sewer System		
										Source of Supply/Treatment	Transmission	Distribution	Treatment	Force Main/Transmission	Collection
7753	SEWER	PERM BASEMENT-4510 R. JOHNSON	\$ 10,000	0	\$ -	\$ 10,000	1.02	\$ 10,257	0%	\$ -	\$ -	\$ -	\$ -	\$ 4,107	\$ 6,180
1454	WATER	RIGHT OF WAY PENNY ROAD	\$ 10,963	0	\$ -	\$ 10,963	1.59	\$ 10,177	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2035	SEWER	DEEP RIVER WATERFRONT ROW	\$ 12,080	0	\$ -	\$ 12,080	1.46	\$ 11,582	0%	\$ -	\$ 50,230	\$ -	\$ 51,187	\$ -	\$ -
2046	SEWER	Right of Way	\$ 6,000	0	\$ -	\$ 6,000	1.42	\$ 6,486	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,563
2054	SEWER	Deep River - Later Point	\$ 28,750	0	\$ -	\$ 28,750	1.42	\$ 40,710	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,125
2063	SEWER	Deep River - Marie Point	\$ 28,750	0	\$ -	\$ 28,750	1.42	\$ 40,710	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 16,251
2123	SEWER	Right of Way	\$ 11,370	0	\$ -	\$ 11,370	1.42	\$ 16,100	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 24,459
2125	SEWER	Right of Way 1404 Wales drive	\$ 15,000	0	\$ -	\$ 15,000	1.42	\$ 21,240	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 9,673
6255	WATER	SMITH PROP ROW ON GROOMETOWN	\$ 1,229	0	\$ -	\$ 1,229	1.16	\$ 1,452	0%	\$ -	\$ 719	\$ 733	\$ -	\$ 8,478	\$ 12,761
		Capital Projects in Progress ¹								\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		Developer Home Sewer						\$ -	100%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		Developer Home Water						\$ -	100%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		NCDOT Tip Program - Sewer						\$ -	100%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		NCDOT Tip Program - Water						\$ -	100%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		WS-0101 Sewer Improvements						\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		WS-0102 Sewer Lines Obsolete						\$ -	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		WS-0107 Meter Changeout (CS)						\$ 1,500,000	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		WS-0107 Water Improvements						\$ -	100%	\$ -	\$ -	\$ -	\$ -	\$ 1,500,000	\$ -
		WS-0176 Alum Sludge Removal						\$ 250,000	0%	\$ -	\$ -	\$ -	\$ 250,000	\$ -	\$ -
		WS-0176 Water Lines Obsolete						\$ 1,500,000	0%	\$ -	\$ -	\$ 1,500,000	\$ -	\$ -	\$ -
		WS-0176 Water Improvements						\$ 1,500,000	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		WS-0245 Ward Water Tank Maintenance						\$ 100,000	0%	\$ -	\$ -	\$ 100,000	\$ -	\$ -	\$ -
		WS-0245 Ward WJAC Rehab						\$ 2,011,600	0%	\$ 2,011,600	\$ -	\$ -	\$ -	\$ -	\$ -
		WS-0245 Large Meter Changeouts						\$ 100,000	100%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		WS-0272 Kennedy Outfall						\$ 250,000	0%	\$ -	\$ -	\$ -	\$ 250,000	\$ -	\$ -
		WS-0272 New Capacity Assur Mod						\$ 455,300	100%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		WS-0275 Watershed Pump						\$ 451,656	100%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		WS-0275 Watershed Protection Plan						\$ 458,410	100%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		WS-0381 Water/Sewer Master Plan						\$ 426,526	100%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		SCADA Over Upgr. (Computer & Server repl)						\$ 200,000	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		Kendall Outfall						\$ 440,000	0%	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ -
		Catalyst Water Phase 1-2						\$ 2,750,000	0%	\$ -	\$ -	\$ 2,750,000	\$ -	\$ -	\$ -
		Catalyst Sewer Phase 1-2						\$ 3,100,000	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		Meadow Creek Outfall 2018						\$ 77,488	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		Jamestown Bypass Improvements						\$ 35,000	0%	\$ -	\$ -	\$ 8,667	\$ 77,488	\$ -	\$ -
		Lanichester 174 Interchange W-S						\$ 35,000	0%	\$ -	\$ -	\$ 8,667	\$ 8,633	\$ -	\$ 17,500
		Lanichester-NC 161 Sewer (Lodge Circle)						\$ 1,242,550	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		Water Control Valve Cadrow						\$ 100,000	0%	\$ -	\$ -	\$ -	\$ -	\$ 1,242,550	\$ -
		Willard Dory Rd Water Main						\$ 600,000	0%	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ -
		Kendall Avenue W Water Main						\$ 400,000	0%	\$ -	\$ -	\$ 400,000	\$ -	\$ -	\$ -
		Riverdale Pump Repair 199G						\$ 1,435,142	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		Greenleaf Filters Rebuild						\$ 400,000	0%	\$ -	\$ -	\$ -	\$ -	\$ 1,435,142	\$ -
		Register Creek Limitation						\$ 155,000	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		WS - Centrifuge Upgrade						\$ 1,890,000	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		Richland Creek Outfall						\$ 250,000	0%	\$ -	\$ -	\$ -	\$ -	\$ 155,000	\$ -
		SCADA Leased Lines Radio Upgrade						\$ 140,000	0%	\$ -	\$ -	\$ 70,000	\$ -	\$ -	\$ -
		Leaside UV Upgrade						\$ 400,000	0%	\$ -	\$ -	\$ -	\$ 400,000	\$ -	\$ -
		Security System Upgrade						\$ 175,000	0%	\$ -	\$ -	\$ 87,500	\$ -	\$ -	\$ -
		Risk Resilience Assessment						\$ 150,000	0%	\$ -	\$ -	\$ 75,000	\$ -	\$ -	\$ -
		Applying Way W/S Lines						\$ 301,000	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		WS-0208 NW WATER IMP PHASE 2						\$ 340,182	0%	\$ -	\$ -	\$ 150,500	\$ -	\$ -	\$ 150,500
		WS-0241 WS WWT/P Upgrade (3)						\$ 33,563,600	0%	\$ -	\$ -	\$ 340,182	\$ -	\$ -	\$ -
		WS-0252 Incinerator Rehab						\$ 75,367	0%	\$ -	\$ -	\$ -	\$ 33,563,600	\$ -	\$ -
		WS-0255 Ward Elevated Tank Rep (Potts)						\$ 25,163,251	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		WS-0256 Ward Electrical Upgrad						\$ 3,653,364	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		WS-0257 Triangle Lake Rd Wide						\$ 6,819,091	0%	\$ 6,819,091	\$ -	\$ -	\$ -	\$ -	\$ -
		WS-0262 Bethel St Limitation						\$ 500,000	0%	\$ -	\$ -	\$ 125,821	\$ 128,179	\$ -	\$ 250,000
		WS-0268 Old Thomenville Limitation						\$ 773,630	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		WS-0290 Oak Hollow Raw Pump						\$ 1,231,788	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		WS-0294 NW Sewer PD 1 - Outback						\$ 750,000	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		WS-0295 NW Sewer PD 2 - Adkins						\$ 436,202	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		Dam Restoration & Improvement (Constr)						\$ 1,106,425	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		Incinerator Mercury Control Improvements						\$ 209,382	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		Riverdale PS Expansion						\$ 800,000	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		Jamestown Bypass						\$ 9,000,000	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		Skeet Club Rd Widening - not design						\$ 107,790	0%	\$ -	\$ -	\$ 9,667	\$ 9,633	\$ -	\$ 17,500
		Lanichester 174 interchange						\$ 35,000	0%	\$ -	\$ -	\$ 8,667	\$ 8,633	\$ -	\$ -
Total			\$ 549,760,696		\$ 247,119,014	\$ 302,641,682		\$ 547,976,112		\$ 111,007,777	\$ 41,802,343	\$ 14,963,007	\$ 288,805,000	\$ 58,473,143	\$ 13,910,704

¹ For purposes of this study, the current budget of the capital projects in progress are being utilized as the replacement cost new less depreciation (RCNLD) in the asset base.

Assets shaded in this color represent assets that had no specified useful life per the asset listing as of June 30, 2019. For some of the assets, the useful life has been estimated based on other similar assets in this asset listing.

Assets shaded in this color represent capital projects in progress that are ongoing every year. As such, the annual budget for those projects were utilized as the RCNLD for purposes of this study.



City of High Point, NC

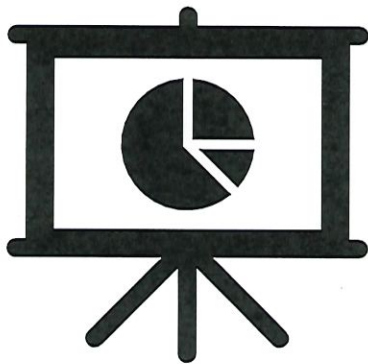
System Development Fee Study

City Council Presentation

August 3, 2020

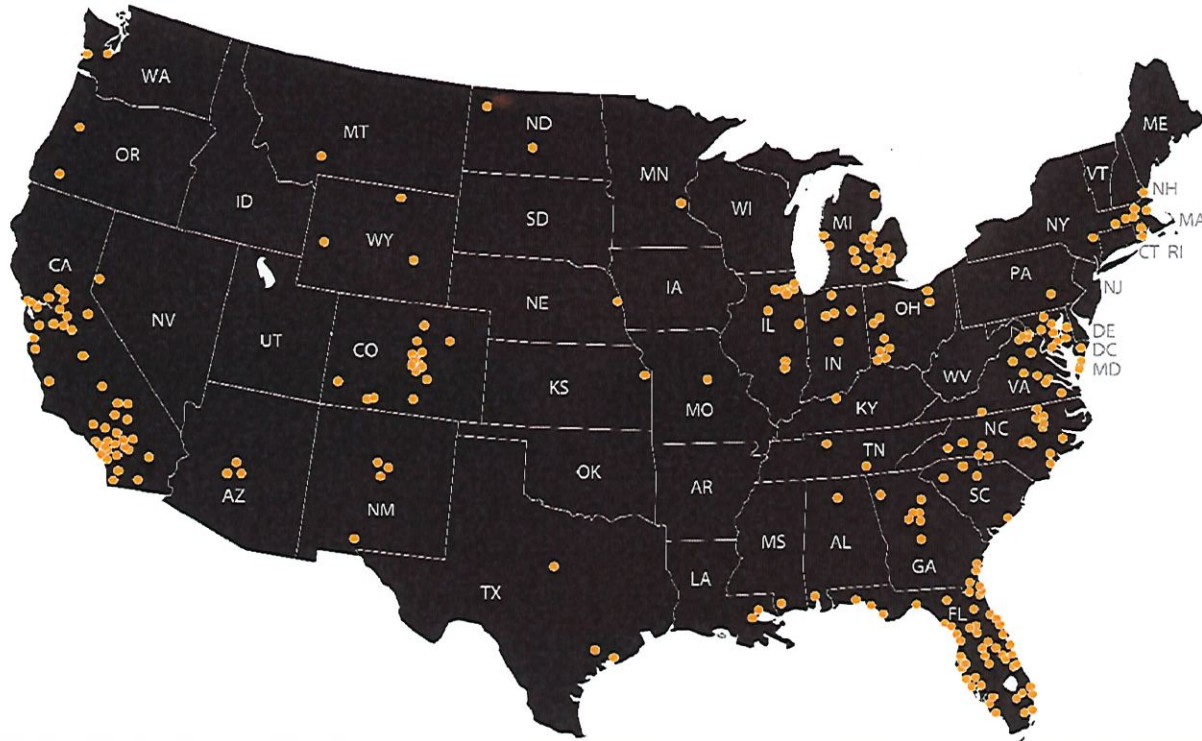


Agenda



- Background
- Methodology
- System Development Fee Calculations
- Benchmarking
- Front Foot Charge Calculations
- Bill Impacts
- Recommendations

Stantec Financial Services



>290

Communities we have served, accounting for 20+% of the US population!

300+

Combined years of **experience**

1.5K+

Studies in the last 10 years

30+

Specialists in utility financial management

>500

Utilities in our **benchmarking** database

\$4B+

Debt supported in past five years

Current Approach

- The City does not currently collect system development fees from new water and sewer customers joining the utility
- The City currently collects an acreage charge and a front foot charge from customers joining the water and sewer systems

Utility	Acreage Charge (per Acre of property connecting)	Front Foot Charge (per linear foot of property frontage)
Water	\$350	\$15
Sewer	\$350	\$20

- Current fees do not account for differences in demands placed on utility system (i.e. one-acre residential property pays same as one-acre commercial property)

System Development Fees

- Fees charged for new connections joining the water and sewer system
- Intended to recover cost of constructing water and sewer capacity, “growth pays for growth”
- Fees are applied based on units of service (representing potential demand on utility system)
- Fees are legislated in North Carolina
 - Public Water and Sewer System Development Fee Act, S.L. 2017-138, also known as the House Bill 436 (“HB 436”) was approved on July 20th, 2017

HB 436 Requirements – Fee Calculations

The fee should be calculated using one of the three methodologies identified in the law, as well as:

- Document all facts and data used
- Identify all assumptions and limiting conditions
- Calculate a fee per service unit of new development
- Incorporate a credit calculation



Methodologies

Methodology	Description	Use of SDF Revenues	Appropriate For
Buy-In Method	Fees are based on cost of constructing existing utility system	Revenues can be used for any capital related cost (rehab and/or expansion)	System with ample existing capacity to sell
Incremental Cost Method	Fees are based on planned capital improvements	Revenues can <u>only</u> be used for expansion related capital projects	System with no/very limited existing capacity to sell
Combined Method	Fees are based on cost of existing system and planned capital improvements	Revenues can <u>only</u> be used for expansion related capital projects	System with existing capacity to sell and with significant growth-related capital projects

Stantec recommends using the combined method for the City.

SDF Calculation

$$\text{System Development Fee} = \frac{\text{Value of System} - \text{Credit}}{\text{System Capacity}}$$

1) Value of Utility System

- Depreciated value of current assets in place, escalated to current replacement cost
- Plus: The value of future planned capital projects that will add capacity to the system

2) Credit

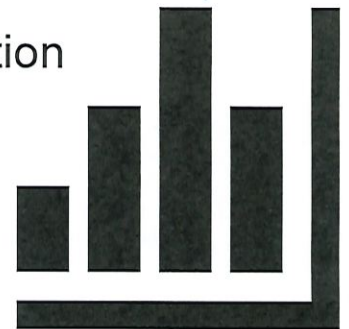
- Outstanding principal on utility debt and donated assets

3) System Capacity

- Total capacity in utility system measured in units of service (Equivalent Residential Units or ERUs)

Basis for Credit

- Donated water and sewer assets are removed since they were not funded by the City
- New connection will pay for debt service through user rates
- Removing outstanding principal from fee calculation ensures no double cost recovery
- This approach conforms with American Water Works Association M1 Manual



Water SDF Calculation

- 1) Value of Utility System: \$169,152,954
- 2) Credit: \$38,376,330
- 3) System Capacity: 28.56 Million Gallons per Day

$$\frac{\$169,152,954 - \$38,376,330}{156,068 \text{ ERUs}^*} = \$838 \text{ per ERU}$$

**Note: 1 ERU = 183 GPD calculated based on 5-year average residential usage*

Sewer SDF Calculation

- 1) Value of Utility System: \$382,930,997
- 2) Credit: \$95,871,306
- 3) System Capacity: 36.00 Million Gallons per Day

$$\frac{\$382,930,997 - \$95,871,306}{133,333 \text{ ERUs}^*} = \$2,153 \text{ per ERU}$$

**Note: 1 ERU = 270 GPD (90 GPD per bedroom, 3-bedroom house)*

Scaling of System Development Fees

- SDFs must be applied based on units of service (represents potential demand)
- SDFs are often scaled by meter size based on hydraulic capacity of meter
- Common to use factors published by AWWA

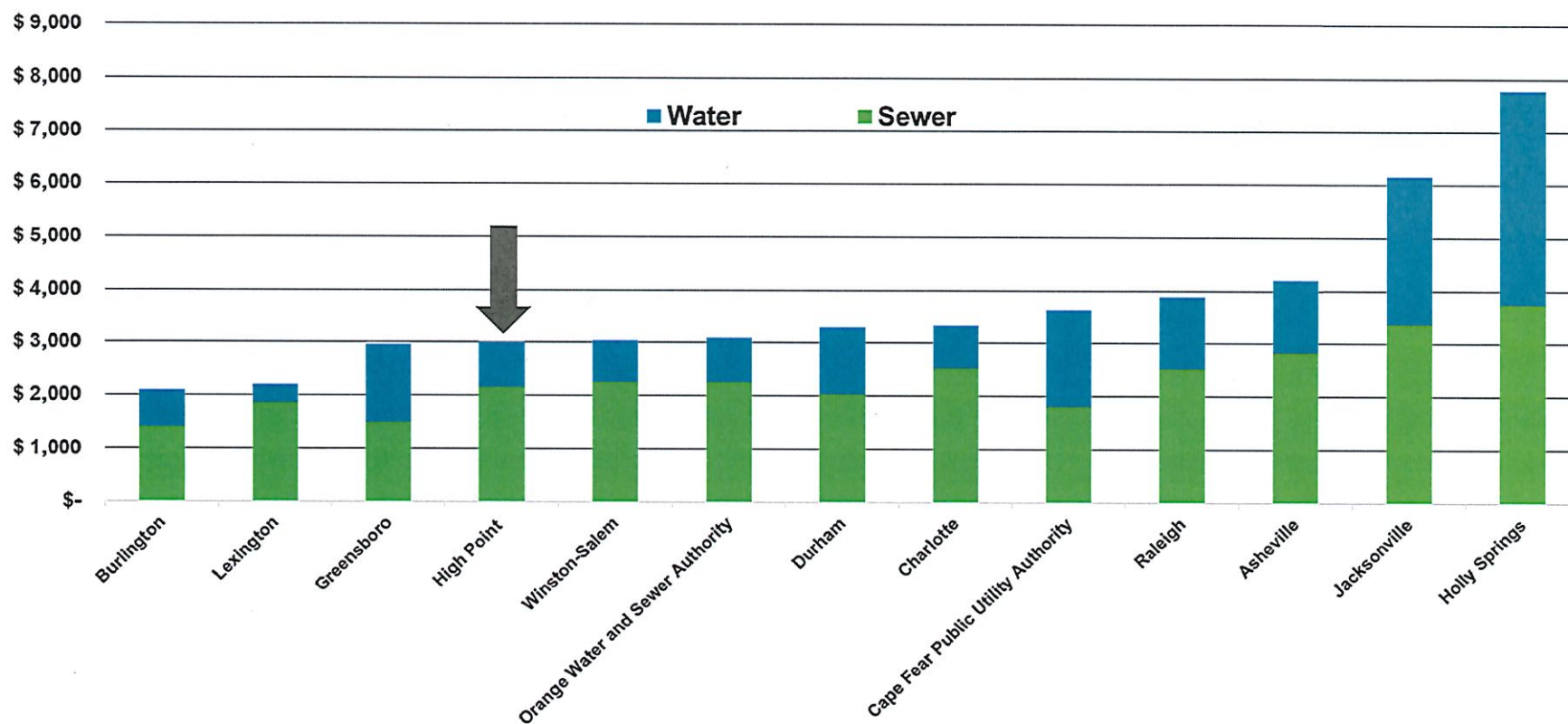
Meter size	AWWA Meter Equivalents (Units of Service)
3/4" x 5/8"	1.00
1"	1.67
1 1/2"	3.33
2"	5.33
3"	11.67
4"	20.00
6"	45.00

Resulting System Development Fees

Meter size	Water SDF	Sewer SDF	Total
5/8" x 3/4"	\$838	\$2,153	\$2,991
1"	\$1,397	\$3,588	\$4,985
1 1/2"	\$2,793	\$7,177	\$9,970
2"	\$4,469	\$11,483	\$15,952
3"	\$9,777	\$25,118	\$34,895
4"	\$16,760	\$43,060	\$59,820
6"	\$37,710	\$96,885	\$134,595

A typical single-family home requires a 5/8" or 3/4" meter

Combined Residential Water & Sewer SDF Comparison (3/4" Meter)



Benchmarking

Water

Meter Size	High Point	Greensboro	Burlington	Winston-Salem	Durham	Raleigh	Charlotte	Holly Springs	Orange Water and Sewer Authority	Lexington	Cape Fear Public Utility Authority	Asheville	Jacksonville
5/8" or 3/4"	\$ 838	\$ 1,472	\$ 684	\$ 795	\$ 1,277	\$ 1,373	\$ 809	\$ 4,054	\$ 864	\$ 344	\$ 1,830	\$ 2,058	\$ 4,199
1"	\$ 1,397	\$ 2,450	\$ 1,142	\$ 1,987	\$ 3,193	\$ 3,433	\$ 2,023	\$ 4,481	\$ 7,338	\$ 860	\$ 4,575	\$ 3,430	\$ 6,999
1.5"	\$ 2,793	\$ 4,900	\$ 2,276	\$ 3,974	\$ 6,385	\$ 6,865	\$ 4,046	\$ 6,188	\$ 14,666	\$ 1,720	\$ 9,150	\$ 6,860	\$ 13,997
2"	\$ 4,469	\$ 7,844	\$ 3,644	\$ 6,358	\$ 10,216	\$ 10,984	\$ 6,474	\$ 7,041	\$ 23,466	\$ 2,752	\$ 14,640	\$ 10,976	\$ 22,396
3"	\$ 9,777	\$ 15,684	\$ 6,836	\$ 11,921	\$ 20,432	N/A	\$ 12,948	\$ 7,895	\$ 46,933	\$ 5,160	\$ 27,450	\$ 21,952	\$ 41,992
4"	\$ 16,760	\$ 24,506	\$ 11,395	\$ 19,868	\$ 31,925	\$ 34,325	\$ 20,232	\$ 8,748	\$ 73,332	\$ 8,600	\$ 45,750	\$ 34,300	\$ 69,987
6"	\$ 37,710	\$ 49,012	\$ 22,798	\$ 39,737	\$ 63,850	\$ 68,650	\$ 40,463	\$ 17,283	\$ 146,664	\$ 17,200	\$ 91,500	\$ 68,600	N/A

Sewer

Meter Size	High Point	Greensboro	Burlington	Winston-Salem	Durham	Raleigh	Charlotte	Holly Springs	Orange Water and Sewer Authority	Lexington	Cape Fear Public Utility Authority	Asheville	Jacksonville
5/8" or 3/4"	\$ 2,153	\$ 1,488	\$ 1,406	\$ 2,246	\$ 2,022	\$ 2,522	\$ 2,541	\$ 3,741	\$ 2,251	\$ 1,852	\$ 1,800	\$ 4,254	\$ 5,050
1"	\$ 3,588	\$ 2,480	\$ 2,348	\$ 5,614	\$ 5,055	\$ 6,305	\$ 6,352	\$ 4,135	\$ 14,192	\$ 4,630	\$ 4,500	\$ 7,090	\$ 8,416
1.5"	\$ 7,177	\$ 4,960	\$ 4,681	\$ 11,228	\$ 10,110	\$ 12,610	\$ 12,703	\$ 4,922	\$ 28,366	\$ 9,260	\$ 9,000	\$ 14,180	\$ 16,832
2"	\$ 11,483	\$ 7,936	\$ 7,493	\$ 17,966	\$ 16,176	\$ 20,176	\$ 20,352	\$ 5,710	\$ 45,386	\$ 14,816	\$ 14,400	\$ 22,688	\$ 26,932
3"	\$ 25,118	\$ 15,872	\$ 14,058	\$ 33,686	\$ 30,330	N/A	\$ 40,651	\$ 7,285	\$ 90,773	\$ 27,780	\$ 27,000	\$ 45,376	\$ 50,497
4"	\$ 43,060	\$ 24,800	\$ 23,434	\$ 56,143	\$ 50,550	\$ 63,050	\$ 63,517	\$ 8,073	\$ 141,832	\$ 46,300	\$ 45,000	\$ 70,900	\$ 84,162
6"	\$ 96,885	\$ 49,598	\$ 46,862	\$ 112,286	\$ 101,100	\$ 126,100	\$ 127,034	\$ 15,948	\$ 283,664	\$ 92,600	\$ 90,000	\$ 141,800	N/A

Front Foot Charge

- When connecting to an existing water and sewer line City should only collect SDFs
- If City is required to extend existing lines to serve new connections a front foot charge can be imposed
- Front foot charge would be in addition to the system development fee
- Similar calculation methodology as SDFs

Water Front Foot Charge Calculation

- 1) Value of Distribution System: \$26,902,698
- 2) Credit: \$10,637,583
- 3) Distribution System: 2.27 Million Linear Feet (LF) of Pipe*

$$\frac{\$26,902,698 - \$10,637,583}{2,271,366 \text{ LF}^*} = \$7 \text{ (rounded) per LF}$$

**Note: This represents the total distribution LF, net of donations, with a 25% growth factor, assuming that the total LF of distribution pipe will increase by approx. 25% over time.*

Sewer Front Foot Charge Calculation

- 1) Value of Collection System: \$49,208,851
- 2) Credit: \$16,959,044
- 3) Collection System: 3.21 Million LF of Collection Pipe*

$$\frac{\$49,208,851 - \$16,959,044}{3,210,959 \text{ LF}^*} = \$10 \text{ (rounded) per LF}$$

**Note: This represents the total collection LF, net of donations, with a 25% growth factor (assuming that the total LF of collection pipe will increase by approx. 25% by the over time).*

Single Family Customer Impacts

Residential Bill Impacts - New Connection				
LF 128				
Acres 0.44				
Meter 5/8"				
		<u>Current</u>		<u>Proposed</u>
Water				
Frontage Fee	\$	1,920	\$	-
Acreage Fee		154		-
SDF		-		838
Tap Fee		1,610		1,610
Meter Fee		205		205
Total Water	\$	3,889	\$	2,653
Sewer				
Frontage Fee	\$	2,560	\$	-
Acreage Fee		154		-
SDF		-		2,153
Tap Fee		2,080		2,080
Total Sewer	\$	4,794	\$	4,233
Total	\$	8,683	\$	6,886
% Change				-20.7%

Residential Bill Impacts - Line Extension				
LF 128				
Acres 0.44				
Meter 5/8"				
		<u>Current</u>		<u>Proposed</u>
Water				
Frontage Fee	\$	1,920	\$	896
Acreage Fee		154		-
SDF		-		838
Tap Fee		1,610		1,610
Meter Fee		205		205
Total Water	\$	3,889	\$	3,549
Sewer				
Frontage Fee	\$	2,560	\$	1,280
Acreage Fee		154		-
SDF		-		2,153
Tap Fee		2,080		2,080
Total Sewer	\$	4,794	\$	5,513
Total	\$	8,683	\$	9,062
% Change				4.4%

Subdivision Customer Impacts

Subdivision Bill Impacts					
LF 1,500					
Acres 30					
5/8" or 3/4" Meters 100					
	<u>High Point</u> <u>Current</u>	<u>High Point</u> <u>Proposed</u>	<u>Greensboro*</u>	<u>Winston-Salem</u>	
Water					
Frontage Fee	\$ 22,500	\$ -	\$ -	\$ -	
Acreage Fee	10,500	-	-	-	
SDF	-	83,800	147,200	79,500	
Tap Fee	-	-	-	-	
Meter Fee	20,500	20,500	20,000	6,000	
Total Water	\$ 53,500	\$ 104,300	\$ 167,200	\$ 85,500	
Sewer					
Frontage Fee	\$ 30,000	\$ -	\$ -	\$ -	
Acreage Fee	10,500	-	-	-	
SDF	-	215,300	148,800	224,600	
Tap Fee	-	-	-	-	
Total Sewer	\$ 40,500	\$ 215,300	\$ 148,800	\$ 224,600	
Total	\$ 94,000	\$ 319,600	\$ 316,000	\$ 310,100	
% Change		240.0%			

* Represents fees for a 3/4" meter

Commercial Customer Impacts

Commercial Bill Impacts				
LF 325				
Acres 5				
Meter 2"				
		<u>Current</u>		<u>Proposed</u>
<i>Water</i>				
Frontage Fee	\$	4,875	\$	-
Acreage Fee		1,750		-
SDF		-		4,469
Tap Fee		-		-
Meter Fee		590		590
<i>Total Water</i>	\$	7,215	\$	5,059
<i>Sewer</i>				
Frontage Fee	\$	6,500	\$	-
Acreage Fee		1,750		-
SDF		-		11,483
Tap Fee		-		-
<i>Total Sewer</i>	\$	8,250	\$	11,483
<i>Total</i>	\$	15,465	\$	16,542
% Change				7.0%

Recommendations



- Move forward with the combined method
- Publish report on City's web site for 45-day public comment period
- Hold public hearing to adopt fees after the public comment period is complete



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Senior Principal

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David.Hyder@Stantec.com

Katie Morrissey

Consultant

(813) 204-3313

Katie.Morrissey@Stantec.com

Additional Questions/Discussion

Additional fees for larger meters:

WATER:

Meter Size	AWWA Meter Equivalent Factors	System Development Fee
8"	53.33	\$44,691
10"	76.67	\$64,249
12"	143.33	\$120,111

SEWER:

Meter Size	AWWA Meter Equivalent Factors	System Development Fee
8"	53.33	\$114,819
10"	76.67	\$165,071
12"	143.33	\$308,589

CITY OF HIGH POINT

AGENDA ITEM



Title: 911 Phone System Supplemental Purchase

From: Eric Xavier, Assistant Director of IT Services

Meeting Date: December 21, 2020

Public Hearing: No

**Advertising Date /
Advertised By:**

Attachments: High Point Vesta Phones x6 Quote

PURPOSE:

The City needs to purchase supplemental workstations for its phone system for its 911 Communications Center.

BACKGROUND:

The Department of IT Services is recommending the purchase of six (6) new Vesta® 9-1-1 Phone System positions from Mobile Communications America (MCA) to supplement the City's new (primary) 911 Communications Center located at 1730 Westchester Drive. The new Vesta® 9-1-1 Phone System is fundamentally required by 911 telecommunicators to handle 9-1-1 calls and ensure adherence to the City of High Point's high standard for emergency services dispatch operations.

The Department of IT Services evaluated other phone systems and selected a product line that best meets the requirements of both the City's primary- and backup 911 Communications Centers.

BUDGET IMPACT:

The City of High Point will use existing funds in the FY20/21 budget to purchase the six (6) supplemental phones from MCA. The total cost of the phone system equipment, including required software and installation, is \$88,834.42.

RECOMMENDATION / ACTION REQUESTED:

The Department of IT Services recommends approval of the contract and that the appropriate City official and/or employee be authorized to execute all necessary documents.

QUOTATION

Page 1

444000321

Bill To:

High Point NC City of
P O Box 230
High Point, NC 27261

Ship To:

High Point NC City of
211 S Hamilton Street
Suite 103
High Point, NC 27260

Contact:

Contact #:

Contact:

Contact #:

Date: 12/07/2020		Customer #: 106421		Terms: NET 30 DAYS		
Qty	Item	Description	U/M	Unit Price	Extended	
6	873090-11102	R4 LIC EIM RFAI MOD PV	EA	0.00	0.00	
6	873099-01102	R4 CDR PER SEAT LIC PV	EA	112.50	675.00	
6	*MISC-NONSTOCK	PS-0PR-VSML - VPRIME MLTP PER SEAT LIC	EA	5,937.50	35,625.00	
6	873099-00502	R4 IRR LIC/DOC/MED	EA	1,243.75	7,462.50	
6	61000-409602SFF	Work Station HP Z2 G4 SFF W/O OS	EA	1,580.00	9,480.00	
6	04000-00441	WINDOWS 10 LTSC LIC	EA	116.25	697.50	
6	E382790	Elo 2201L iTouch 22" LED Monitor - Black	EA	633.74	3,802.43	
6	64007-50021	KEYPAD 24-KEY W / 12FT CBL 64007-50016	EA	136.25	817.50	
6	850830-03201	BASIC SAM HDWR KIT	EA	1,446.25	8,677.50	
6	853004-00401	SAM EXT SPKR KIT	EA	210.00	1,260.00	
6	02800-20501	HNDST 4W MOD ELEC MIC BLK	EA	46.25	277.50	
6	03044-20000	HDST CORD 12FT 4W MOD BLACK	EA	3.75	22.50	
6	809800-35109	R4 IWS CFG	EA	250.00	1,500.00	
6	809800-35108	R4 IWS STG FEE PV	EA	375.00	2,250.00	
6	SS-0PR-VSSL-1Y	SPT VPRIME 1YR	EA	1,300.00	7,800.00	
6	809800-35110	V911 IRR SW SPT 1YR	EA	235.00	1,410.00	
6	04000-00399	M&R WKST AGENT LIC	EA	180.00	1,080.00	
6	809800-16377	M&R PM AV WKST SRVC 1YR	EA	675.00	4,050.00	
6	SA-WARRANTY	1ST YEAR 24X7 WARRANTY SERVICE	EA	324.50	1,946.99	

Quote valid for 30 days from date above

Please contact customer representative by phone or email with any questions:

Customer Rep: Bruce Williams

Phone #:

Email: brucewilliams@callmc.com

Subtotal :	\$88,834.42
Tax :	\$5,996.32
Total Quote :	\$94,830.74

Effective August 1, 2018, all credit card payments are subject to a 2% convenience fee

MOBILE COMMUNICATIONS AMERICA INC. TERMS AND CONDITIONS

DEFINITIONS: "MCA" & "Company" shall mean Mobile Communications America, Inc. "Customer" & "Buyer" shall mean the customer named herein & "Products" shall collectively mean the equipment, parts, services & software referred to in the agreement.

CONDITIONS OF ACCEPTANCE OF ORDER: Mobile Communications America, Inc.'s acceptance of this order is expressly conditioned upon buyer's consent to the terms and conditions of sale as contained herein. This Agreement contains all of the terms and conditions of this purchase and sale. If these terms and conditions are not acceptable to buyer, buyer must so notify MCA prior to order placement by specific written objection. Buyer's consent to these terms and conditions will be inferred upon buyer's acceptance of a quote from MCA unless written objections are received prior to order placement. No waiver, alteration or modification of this Agreement shall be binding on MCA unless in writing and signed by an Executive officer of MCA.

CANCELLATION: In case of cancellation prior to delivery, customer will be charged and agrees to pay 20% of the total order, and in addition, pre-site and/or engineering charges as quoted, or at prevailing rates, will be invoiced to Customer. The order is not cancelable after delivery. Cancellations must be provided in writing. Special order items may not be cancelable depending on third party vendor terms and conditions. Programmed equipment is not returnable according to some Manufacturer's guidelines & therefore a cancellation or return may not be accepted by MCA in these instances.

DELIVERY: Unless otherwise specifically provided, delivery of all items shall be FOB seller's shipping facility or at seller's option, FOB point of manufacture. Ground shipment charges will be prepaid and added to invoice. Title and risk of loss or damage shall pass to buyer upon seller's delivery of the goods to a common carrier or other delivery agency for shipment to buyer. Standard commercial packing for domestic ground shipment is included in the FOB price. Insurance is not included in the price unless requested by buyer at the time of order placement. It shall be the responsibility of the buyer to file claims with the carrier for loss or damage to goods while in transit. Absent specific instructions, we will select the carrier for shipment, but by doing so, will not thereby assume any liability in connection with shipment nor shall the carrier in any way be construed to be our agent. MCA shall not be liable for any damages or penalty for delay caused solely by transportation or failure to give notice of such delay. The seller shall not be responsible for any failure to perform due to causes beyond its reasonable control, such as, but not limited to, acts of God, acts of the buyer, acts of civil or military authority, judicial action, default of subcontractors or vendors, priorities, labor disputes, accident, failure or delays on transportation, and inability to obtain necessary labor or materials. In the event of any delay due to such causes, or other difficulties, (whether or not similar in nature to any of those specified) the date of delivery shall be extended for a period equal to the time lost.

SHORTAGES AND DEFECTS: Buyer will be deemed to have accepted the Products upon shipment unless MCA is notified in writing of the rejection of any unit of the product. Any claim of shortages or defects must be made within 3 days of delivery. Claims must be provided to seller in writing & must inform MCA of the specific reason for rejection. Buyer shall afford seller prompt and reasonable opportunity to inspect all materials against which any claim is made. Buyer shall not return any equipment to seller without prior authorization. After MCA has reviewed the rejection notice & authorized the return, buyer will return the unit to MCA in the same condition as when it was received. All returns must be in the original container & packing along with all accessories & instructions included must be shipped freight prepaid.

TERMS AND METHODS OF PAYMENT: Each shipment shall be considered a separate and independent transaction and payment therefore shall be made accordingly. If installation or shipments are delayed by the buyer, payments shall be made due on the date when the company is prepared to make shipment or to install products. Products held for the buyer shall be at the risk and expense of the buyer. Products shipped as exchanges will be invoiced for full value until the product exchange is complete and product has been returned to MCA in good and working condition, only then will full value credit be given to buyer. If, in the judgment of the seller, the financial condition of the buyer at any time does not justify continuance of

performance or shipment on the terms of payment specified, the seller may require full or partial payment in advance. In the event of bankruptcy or insolvency of the buyer, or in the event any proceedings are brought by or against the buyer under the bankruptcy or insolvency laws, the seller shall be entitled to cancel any order then outstanding and shall receive reimbursement for its cancellation charges.

Customer grants to MCA a purchase money security interest in the goods or supplies, including any software provided hereunder, and to the proceeds thereof until the full price and all other liabilities due to MCA are satisfied. Upon payment in full to MCA, title to the goods and supplies shall pass to Customer and MCA's security interest shall be terminated. Any invoiced amount which is not paid in accordance with the terms & conditions of this Agreement shall be considered overdue. MCA shall be entitled, without prejudice to any other rights or remedies, to charge buyer with interest at the rate of 18 APR%. Buyer shall not deduct from any invoice any amounts, except such amounts as are set forth in any written credit memorandum issued by MCA to buyer prior to the due date of the outstanding invoice. Upon any default or breach by Customer hereunder, MCA shall have all of the rights and remedies of a secured party under the Uniform Commercial Code or other applicable law, which rights shall be cumulative. MCA shall have the right to enter Customer's premises and repossess and remove any equipment goods or supplies, including any software, sold hereunder if full payment has not been received by MCA. Any controversy or claims arising under this Agreement or under any contract or order to which the terms and conditions of the Agreement apply, which is not settled by agreement of the parties, shall be exclusively subject to the Laws of the State of Delaware and jurisdiction to which buyer consents shall be exclusively in the courts of the State of Delaware. In the event that MCA brings an action for collection of any overdue amount payable under this contract, buyer shall pay the cost of collection including reasonable attorney's fees.

STANDARD TERMS: If Customer has not established preliminary credit with MCA, prepayment of full amount is required.

STANDARD TERMS WITH CREDIT:

- A. Up to \$50,000.00 - Net within 30 days after date of invoice.
- B. Over \$50,000.00 require the below Milestone payments:
 - 40% down at order entry
 - 50% at shipment
 - 10% within 30 days of invoice or completion of installation, if applicable.

NON-STANDARD CREDIT TERMS: Negotiable prior to order acceptance.

NON-STANDARD PAYMENT TERMS: Subject to convenience fees.

- A. Cash
- B. Credit card payments by customers with credit terms with MCA

LATE FEES:

If payment is outstanding after a 7 day grace period, interest at 18 APR% will be added to the balance.

All quotations reflect U.S. Dollars.

All payments must be made in U.S. funds.

TAXES: The prices stated in this order may not include any provision for sales, use, excise, or similar taxes. The amount of any and all such present or future taxes or other government charges applicable to the goods sold will be added by seller to the sales price and shall be paid by the buyer, unless buyer provides seller with a tax-exemption certificate acceptable to the taxing authority. If MCA is required to pay or bear the burden of any excluded tax, the prices set forth herein shall be increased by the amount of such tax and any interest or penalty assessed, and Customer shall pay to MCA the full payment of any such increase no later than 10 days after receipt of invoiced charges.

GENERAL: The buyer shall not assign this order or any interest therein or any rights hereunder without the written consent of the seller, and any such

MOBILE COMMUNICATIONS AMERICA INC. TERMS AND CONDITIONS

assignment shall be void. In no event shall any claim for special or consequential damages be made by either party. The seller will comply with all applicable federal, state and local laws. Any provisions or conditions of the buyer's order which are in any way inconsistent with or in addition to these standard conditions of sales (except additional provisions specifying quantity, character of the product ordered and shipping instructions) shall not be binding on the seller and shall not be considered applicable to this sale. No additions to or modifications of any of these provisions shall be binding unless made in writing and signed by an executive officer of the seller. All such requests must be made within 10 days after Seller's receipt of the order to receive consideration. The validity hereunder shall be governed by the laws of the State of Delaware. The terms of sale shall be as outlined on this document, any terms or conditions not authorized by MCA will be void. If any term or provision of this Agreement shall to any extent be held by a court or other tribunal to be invalid, void or unenforceable, then that term or provision shall be inoperative and void insofar as it is in conflict with the law, but the remaining terms and provisions shall nevertheless continue in full force and effect and the right and obligations of the parties shall be construed and enforced as if this agreement did not contain the particular term or provision held to be invalid, void or unenforceable. The failure of MCA to insist, in any one or more instances, upon the performance of any such term, covenant or conditions of this Agreement, or to exercise any right herein, shall not be construed as a waiver or relinquishment of the future performance of any such term, covenant or condition or the future exercise of such right, but the obligation of the Customer with respect to such future performance shall continue in full force and effect.

PATENT, COPYRIGHT AND TRADEMARKS:

- A. **COPYRIGHT AND MASK WORKS:** Laws in the United States and other countries preserve for Manufacturers certain exclusive rights, in the Manufacturer's Software, mask works and other works of authorship furnished hereunder, including without limitation the exclusive rights to prepare work derived from same, reproduce copies in same and distribute copies of same. Such Manufacturer's Software, mask works and other works of authorship may be used in and redistributed with only the Equipment associated with same. No other use, including without limitation, the reproduction, modification, or disassembly of such Manufacturer's Software, mask works and other works of authorship or exclusive rights in same is permitted.
- B. **REVERSE ENGINEERING:** Customer acknowledges Manufacturer's claim that the Manufacturer's Software and Equipment furnished hereunder contain valuable trade secrets of Manufacturer and therefore agrees that it will not translate, reverse engineer, decompile, or disassemble, or make any other unauthorized use of such Manufacturer's Software and Equipment. Since unauthorized use of such Manufacturer's Software and Equipment will greatly diminish the value of such trade secrets.
- C. **LOGOS AND TRADEMARKS:** The Products shipped under the Terms and Conditions of the Agreement may carry Manufacturer's logo or such other logo as expressly agreed to by Manufacturer. No buyer, without the express written consent of Manufacturer, shall have the right to use any such trademarks, names, slogans, or designations of Manufacturer in the sales, lease or advertising of any products or on any product. They may also not be used on product containers, component parts, business forms, sales, advertising and promotional materials or any other business supplies or materials whether in writing, orally or otherwise.

FCC AND OTHER GOVERNMENT MATTERS: Although MCA may assist in the preparation of FCC License Applications, Customer is solely responsible for obtaining any licenses dictated under the FCC's rules and regulations or required by any other Federal, State or Local government agency. Neither MCA nor any of its employees is an agent of Customer in FCC or other governmental matters.

LIMITATIONS:

- A. **LIMITATIONS OF MCA LIABILITY:** Except for personal injury and except as provided for in the section "PATENT, COPYRIGHT AND TRADEMARKS", MCA's total liability arising out of or related to this Agreement whether for breach of contract, warranty, MCA's negligence, strict liability in tort,

or otherwise, is limited to the price of the particular products sold hereunder with respect to which losses or damages are claimed. Customer's sole remedy is to request in writing that MCA at its option either refund the purchase price or repair or replace products that are not as warranted. In no event whether for breach of contract, warranty, MCA's negligence, strict liability in tort or otherwise, will MCA be liable for incidental, special or consequential damages. This includes, but is not limited to, frustration of economic or business expectations, loss of profits, loss of data, cost of capital, cost of substitute products, facilities, or services, downtime cost, or any claim against Customer by any other party.

- B. **INSURANCE:** It is further understood that MCA is not an insurer and that Customer shall obtain all Insurance, if any, that is desired and that MCA does not represent or warranty that MCA products will avert or prevent occurrences, or the consequences therefrom, which are monitored, detected, or controlled with the use of the products sold herein.
- C. **NO REPRESENTATIONS:** MCA's representatives are only authorized to fill in the blanks on this sales order or quote form with the information requested. Any and all representations, promises or statements by MCA representatives that differ in any way from the Terms and Conditions of this sales order, and any applicable warranties and licenses incorporated herein shall be given no force or effect. The issuance of information, advice, approvals, instructions or cost projections by MCA sales or service personnel or other representatives shall be deemed expressions of personal opinion only and shall not affect MCA and Customer's rights and obligations hereunder, unless that same is in writing and signed by an officer of MCA with the explicit statement that it constitutes an amendment to this Agreement.
- D. **WARRANTY AND DISCLAIMED WARRANTIES:** As part of the Agreement MCA has provided Customer with the equipment Manufacturer's warranty and if applicable, it's Software License and Software Warranty which, to the extent applicable, are incorporated into and made a part of this Agreement. These warranties are given in lieu of all other warranties expressed or implied, which are specifically excluded, including, without limitation, implied warranties of merchantability and fitness for a particular purpose & noninfringement. Customer hereby acknowledges receipt of such warranties and license. Warranties are extended to the original End User of the Products and are not assignable or transferrable to any later purchaser. MCA does not warrant that the operation of the products will be uninterrupted or error-free, or that defects in the products will be corrected. No oral or written representations made by MCA or an agent thereof shall create a warranty or in any way increase the scope of this warranty. MCA does not warrant any products that have been operated in excess of specifications, damaged, misused, neglected or improperly installed by another vendor. All labor warranties in relation to installation or repairs made by MCA will be in effect for 30 days after such work is completed. All claims against MCA's labor warranty must be made in writing prior to the end of the 30 day warranty period & must identify specific labor defects. MCA will require a reasonable period to assess and correct the installation or repair warranted. All terms of limitations of MCA's liability under section "Limitations, A" apply to labor as well as product warranties. In addition, labor and travel charges incurred by MCA may not be covered under the Manufacturer's warranty. In such cases, buyer will be responsible for any related charges not covered by the Manufacturer or their warranty. Manufacturer Warranties on equipment, parts and/or software may not cover removal of defective products or reinstallation of repaired/replaced products. Customer shall be responsible for delivering defective products to MCA for warranty service. Customer shall be responsible for reinstallation of repaired/replaced products. MCA reserves the right to charge customer according to MCA's standard rates for any removal or reinstallation under warranty service.

THIS AGREEMENT AND THE RIGHTS AND DUTIES OF THE PARTIES SHALL BE GOVERNED AND INTERPRETED IN ACCORDANCE WITH THE LAWS OF THE STATE OF DELAWARE.

CITY OF HIGH POINT

AGENDA ITEM



Title: 911 Phone System Lease

From: Eric Xavier, Assistant Director of IT Services

Meeting Date: December 07, 2020

Public Hearing: No

**Advertising Date /
Advertised By:**

Attachments: 911 Phone System Hardware Quote
911 Phone System Lease Proposal
911 Phone System Lease Agreement NCM139-2

PURPOSE:

The City needs to purchase a phone system for its two 911 Communications Center locations.

BACKGROUND:

The Department of IT Services is recommending the lease of a new Vesta® 9-1-1 Phone System from Mobile Communications America (MCA) to update the City's current (backup) 911 Communications Center located in City Hall, and outfit its new (primary) 911 Communications Center located at 1730 Westchester Drive. The new Vesta® 9-1-1 Phone System is fundamentally required by 911 telecommunicators to handle 9-1-1 calls and ensure adherence to the City of High Point's high standard for emergency services dispatch operations.

The Department of IT Services evaluated other phone systems and selected a product line that best meets the requirements of both the City's primary- and backup 911 Communications Centers. The North Carolina 911 Board has approved the selection recommended by the Department.

BUDGET IMPACT:

The City of High Point will use funds provided by the State of North Carolina 911 Board to lease the new Vesta® 9-1-1 Phone System from MCA, financed by ePlus Group, Inc. The total cost of the phone system equipment, including required software and installation, is \$270,105.95. The extended cost with five-year financing is \$304,530.95. The budgetary impact over the lease term is as follows:

2021-2022 : \$60,906.19
2022-2023 : \$60,906.19
2023-2024 : \$60,906.19
2024-2025 : \$60,906.19
2025-2026 : \$60,906.19

RECOMMENDATION / ACTION REQUESTED:

The Department of IT Services recommends approval of the contract and that the appropriate City official and/or employee be authorized to execute all necessary documents.



**FORMAL BID RECOMMENDATION
REQUEST FOR COUNCIL APPROVAL**

DEPARTMENT:

COUNCIL AGENDA DATE:

BID NO.: CONTRACT NO.: DATE OPENED:

DESCRIPTION:

PURPOSE:

COMMENTS:

RECOMMEND AWARD TO: AMOUNT:

JUSTIFICATION:

ACCOUNTING UNIT	ACCOUNT	ACTIVITY	CATEGORY	BUDGETED AMOUNT
TOTAL BUDGETED AMOUNT				

DEPARTMENT HEAD: DATE:

The Purchasing Division concurs with recommendation submitted by the and recommends award to the lowest responsible, responsive bidder in the amount of \$.

PURCHASING MANAGER: DATE:

Approved for Submission to Council
FINANCIAL SERVICES DIRECTOR: DATE:

CITY MANAGER: DATE:

Financial Services

Purchasing Division



NORTH CAROLINA'S INTERNATIONAL CITY™

Requisition #

CITY OF HIGH POINT
SOLE SOURCE JUSTIFICATION FORM
(For Items Costing \$10,000.00 or More)
Statutory Reference N.C.G.S. 143-129(e)6

Vendor:

Item(s):

Justification:

A new phone system is fundamentally required by 911 telecommunicators to handle 9-1-1 calls, and adhere to the City's high standard for emergency services dispatch operations.

Estimated expenditure for the above item(s):

Accounting Unit and Account(s):

CHECK ALL ENTRIES BELOW THAT APPLY TO THE PROPOSED PURCHASE.
ATTACH A MEMO CONTAINING JUSTIFICATION AND SUPPORT DOCUMENTATION.

1. ☐ Performance or price competition for a product are not available.
2. ☐ A needed product is available from only one source of supply.
3. ☒ Standardization or compatibility is the overriding consideration.
4. ☒ The parts/equipment are required from this source to permit standardization.
5. ☐ None of the above applies. A detailed explanation and justification for this sole source request is contained in attached memo and support documentation.

The undersigned requests that competitive procurement be waived and that the vendor identified as the supplier of the material or service described in this sole source justification be authorized as a sole source for the material or service.

Department Head/Authorized Personnel
Digitally signed by Eric Xavier
DN: cn=Eric Xavier, o=City of High Point, ou=Department of
IT Services, email=eric.xavier@highpointnc.gov, c=US
Date: 2020.12.03 11:07:50 -0500

Department/Division Date

APPROVAL PROCESS

Purchasing Manager

Financial Services Director

City Council (\$30,000 – Up)

December 1, 2020

Steve Lingerfelt
City of High Point
211 S. Hamilton Street
High Point, NC 27260

Re: Schedule No. 2 dated as of December 1, 2020 between ePlus Group, inc. and City of High Point.

Dear Mr. Lingerfelt,

Enclosed please find the following documentation for the above-referenced transaction:

1. Schedule No. 2 (Original and Copy) - To be executed by a representative who is named as an authorized representative on the Certificate of Incumbency.
2. Certificate of Acceptance for Schedule No. 2 (Original) – To be signed and dated and after Disbursement Certificate No 3 when all equipment is delivered and found to be in good working order, by a representative who is named as an authorized representative on the Certificate of Incumbency, and immediately returned to ePlus Group, inc.
3. Insurance Information Form for Schedule No. 2 - To be completed and signed. Please provide insurance certificates naming “ePlus Group, inc. or its assignee” as Additional Insured and Loss Payee or a letter of self-insurance, if applicable.
4. Invoicing Information Form for Schedule No. 2 - To be completed and signed. Please include your Federal Tax ID Number. If ACH Payment is preferred then an Electronic Debit Agreement Authorization form is required to be completed and submitted with a voided check.
5. Sample Opinion Letter - To be completed and executed on counsel's letterhead.
8. Essential Use Letter – To be completed and executed on letterhead.
9. Disbursement Certificates – To be dated and signed after completion of each benchmark as described in each Disbursement Certificate.

Please review all documents and upon finding them to be acceptable, please have them executed and returned (Originals & Copies) to my attention. Upon final review and approval, we will return a full set of executed documents back to you. If you have any questions or comments regarding any of the documents, please contact me at (703) 984-8203.

Thank you for your assistance with this transaction.

Sincerely,

Tracy Thompson
Contract Administrator

November 2, 2020

Steve Lingerfelt
 City of High Point
 Director of ~~Information Technology~~IT Services
 211 S. Hamilton, Room 103
 High Point, NC 27260

Dear Mr. Lingerfelt,

ePlus Group inc., (“ePlus”), in conjunction with Mobile Communications America, is pleased to submit the following lease financing proposal covering the Vesta 9-1-1 Hardware Refresh for your consideration. The following is a summary of our offer:

SUMMARY OF TERMS AND CONDITIONS

Lessor: ePlus Group, Inc.

Lessee: **City of High Point, North Carolina**

Structure: Master Lease Agreement with Schedules specifying those items that are specific to a single transaction (e.g., payments, asset, costs, term) and that are otherwise subject to the terms and conditions of the master agreement.

Purchase Option: The Lessee may at its option, provided all obligations under the Lease have been met and has notified the Lessor in writing no less than one hundred eighty (180) days in advance, exercise one of the following end of term options on all Asset(s) on a Lease Schedule: (i) return the Asset(s) on lease to the Lessor, (ii) purchase the Asset(s) on lease at the then current in place fair market value not to exceed 15% of the Asset Cost Value, or (iii) renew at the current lease rate.

Asset Description: VESTA 9-1-1 Hardware Refresh solution as quoted by Mobile Communications dated 10/29/2020. The solution including the equipment, software or licensed products, services, and/or maintenance are called the “Assets”. Additional assets may be added as agreed to by Lessor and Lessee.

Initial Lease Term: Five (5) years with annual payments in advance

Asset Solution Price: ~~\$273,378.45~~ \$270,105.95

Payment Schedule:

Initial Term	Lease Rate Factor	Annual Payment
5-Years	.22549	\$61,644.11 <u>\$60,906.19</u>

Rental Adjustment: The lease rate will remain fixed for the duration of the Initial lease term of each lease schedule. Prior to the funding date, the date that Lessor pays the Purchase Price of the Asset(s) as set forth in the Schedule, Lessor may adjust the Rent in order to maintain its originally anticipated rate of return

if, (i) there is a change in the yield on the like term U.S. Treasury SWAPs, as quoted in the ICE Benchmark Administration ICE Swap Rate as referenced in the USD Rates 1100 series run, (ii) Lessee fails to delivery documentation as request by Lessor; (iii) the Asset(s) cannot be acquired by Lessor at a cost equal to the invoice cost specified on the Schedule.

Rental Payments: Rent payments, calculated annually, will be billed annually in advance. Such payments will be in addition to any sales, use or property or other taxes assessed with respect to the transaction or Asset(s). Lessee will pay rent, prorated on a 360-day year for each day from and including the commencement date to the lease start date on each amount as listed on the disbursement certificates.

Essentiality: Lessee shall warrant to Lessor that the Asset is essential to the customer's proper, efficient and economic operation.

Net Agreement: The Lease shall be a net agreement providing that the Lessee shall bear all expenses associated with the Asset, including those relating to maintenance, operation, insurance, taxes and third party claims. The Lessee will pay all lease payments and all other amounts without set-off, abatement, or reduction for any reason whatsoever.

Non-Appropriation: Each Schedule is subject to termination due to non-appropriation of funds by the Lessee as set forth in the Master Lease Agreement.

Documentation: Duly executed Agreement and other appropriate documents and certificates including without limitation board authorizing resolutions, legal opinion, audited financials and other such documentation as is reasonably requested by Lessor.

Insurance: The risk of loss on the Asset is borne solely by the Lessee. The Lessee shall be required to purchase and maintain during the Term (i) comprehensive public liability insurance naming Lessor as additional insured; (ii) "all-risk" physical damage insurance in a minimum amount of the Purchase Price, naming Lessor as first loss payee; and, (iii) workmen's compensation insurance or Customer shall self-insure.

Approvals: This proposal is expressly conditioned upon and made subject to (1) final credit review and approval of the investment in and in the economics of the proposed transaction, and (2) execution of all documentation and in form and substance satisfactory to all parties to the transaction.

Validity: This proposal is valid for thirty (30) days unless extended in writing by ePlus.

Thank you for the opportunity to provide this proposal. We look forward to a favorable decision. If you should have any questions or require further information, please feel free to call me at (703) 984-8087.

Sincerely,

Raleigh Wheeler
Account Executive, ePlus Group, inc.

Proposal Acceptance

Lessee accepts the above terms and conditions this _____ day of _____, 2020.

City of High Point, North Carolina

By: _____ Title: _____

November 18, 2020
City of High Point
Vesta 911 Hardware Refresh - Leased via ePlus

VESTA® 9-1-1 - Westchester PSAP

Qty.	Part No.	Description	Price
1	870899-0104R7.4U	VESTA® 9-1-1 V911 R7.4 DOC/MED UPG	\$0.00
1	873099-03002U	V911 CAD INTF LIC UPGD	\$0.00
		VM Medium Server Bundle <i>Note: The Medium Server Bundle is for PSAP's up to 40 positions with an annual call volume of 500,000 or less.</i>	
1	853031-DLSVRGD-2	V-DL MED SVR BNDL GEO	\$18,583.75
1	06500-00201	2-POST RELAY RACK MNT KIT	\$213.75
		VESTA® 9-1-1 Features ESInet Interface Module (EIM) <i>Note: Pricing is provided for budgetary purposes only. Equipment/service requirements may change upon selection of ESInet Service Provider.</i>	
10	873090-11102U	V911 LIC EIM MOD UPGD	\$0.00
80	809800-17006	FIELD ENG-EXPRESS	\$7,300.00
		VESTA® SMS <i>Note: Customer is responsible for Text Control Center (TCC) services and network charges.</i>	
1	870891-66301	VESTA 9-1-1 SMS LIC	\$0.00
		<i>Note: Firewall supports Call and Text Handling for ESInet Interface Module (EIM), Text to 9-1-1 and Direct PSAP Interconnect (DPI).</i>	
2	03800-03060	FIREWALL 60E	\$1,425.00
2	809800-00200	CFG NTWK DEVICE	\$332.50
		VESTA® 9-1-1 CDR Module	
1	873099-00602U	V911 CDR SVR LIC UPGD	\$0.00
10	873099-01102U	V911 CDR PER SEAT LIC UPGD	\$0.00
		Geo Diverse Add On License	
1	BA-MGD-VSSL-M	GEO-DIV LIC MIG SYS	\$0.00
		VESTA® 9-1-1 Prime Standard Operations	
10	PS-0PR-VSML-M	VPRIME MLTP SEAT LIC NFEE	\$0.00
		VESTA® 9-1-1 IRR Module	
10	873099-00502U	V911 IRR LIC UPGD	\$0.00
		VESTA® Workstation Equipment	
10	61000-409602SFF	WKST HP Z2 G4 SFF W/O OS	\$15,800.00
10	04000-00441	WINDOWS 10 LTSC LIC	\$1,162.50
10	MCA	22IN Touchscreen Monitors	\$6,337.38
10	64007-50021	KEYPAD 24 KEY USB CBL 12FT	\$1,362.50
10	850830-03201	BASIC SAM HDWR KIT	\$14,462.50
10	853004-00401	SAM EXT SPKR KIT	\$2,100.00
10	02800-20501	HDST 4W MOD ELEC MIC BLK	\$462.50
10	03044-20000	HDST CORD 12FT 4W MOD BLK	\$37.50
10	809800-35109	V911 IWS CFG	\$2,500.00
10	809800-35108	V911 IWS STG FEE	\$3,750.00
1	870890-07501	CPR/SYSPREP MEDIA IMAGE	\$0.00
		VESTA® 9-1-1 Admin Printer	
1	64040-60020	PRNTR USB/ETHERNET B/W LJ <i>Note: Laserjet Black and White printer. Recommended monthly volume, 250 to 1,500 pages</i>	\$492.50

		Network Equipment <i>Note: Firewall supports Remote and Internet Access for Managed Services and Remote position access.</i>	
1	03800-03060	FIREWALL 60E	\$712.50
1	809800-00201	VPN CFG SVCS	\$250.00
2	04000-29638-X	SWITCH 2960-X+CBL 24-PORT	\$4,520.00
		Peripherals & Gateways	
2	2213937-1-SR1	FXO GATEWAY MP118 8-PORT	\$3,297.50
		ALI/CAD Output	
1	04000-RS232	BLKBX TL601A-R2 DATASHARE	\$461.25
1	04000-01014-10	CBL SRL DB25M/DB9F 10FT	\$12.50
1	04000-01751	TS-4 PORT TERMINAL SVR	\$810.00
4	65000-00182	CBL RJ45-10P/DB25M 4FT	\$105.00
		Rack & Peripheral Equipment	
1	06500-55053	7FT EQUIPMENT RACK 19IN	\$343.75
1	MCA	19IN Monitor	\$187.49
1	04000-00809	KVM 8-PORT SWITCH USB	\$530.00
VESTA 9-1-1 Subtotal			\$87,552.36

VESTA® 9-1-1 - Hamilton PSAP

Qty.	Part No.	Description	Price
		VESTA® 9-1-1	
1	870899-0104R7.4U	V911 R7.4 DOC/MED UPG	\$0.00
1	873099-03002U	V911 CAD INTF LIC UPGD	\$0.00
		VM Medium Server Bundle <i>Note: The Medium Server Bundle is for PSAP's up to 40 positions with an annual call volume of 500,000 or less.</i>	
1	853031-DLSVRGD-2	V-DL MED SVR BNDL GEO	\$18,583.75
1	06500-00201	2-POST RELAY RACK MNT KIT	\$213.75
		VESTA® SMS <i>Note: Customer is responsible for Text Control Center (TCC) services and network charges.</i>	
1	870891-66301	VESTA 9-1-1 SMS LIC	\$0.00
		<i>Note: Firewall supports Call and Text Handling for ESInet Interface Module (EIM), Text to 9-1-1 and Direct PSAP Interconnect (DPI).</i>	
1	03800-03060	FIREWALL 60E	\$712.50
1	809800-00200	CFG NTWK DEVICE	\$166.25
		VESTA® 9-1-1 CDR Module	
1	873099-00602U	V911 CDR SVR LIC UPGD	\$0.00
		Geo Diverse Add On License	
1	BA-MGD-VSSL-M	GEO-DIV LIC MIG SYS	\$0.00
		Network Equipment <i>Note: Firewall supports Remote and Internet Access for Managed Services, Remote position access.</i>	
1	03800-03060	FIREWALL 60E	\$712.50
1	809800-00201	VPN CFG SVCS	\$250.00
2	04000-29638-X	SWITCH 2960-X+CBL 24-PORT	\$4,520.00
		Peripherals & Gateways	
2	2213937-1-SR1	FXO GATEWAY MP118 8-PORT	\$3,297.50
		ALI/CAD Output	
1	04000-RS232	BLKBX TL601A-R2 DATASHARE	\$461.25
1	04000-01014-10	CBL SRL DB25M/DB9F 10FT	\$12.50
1	04000-01751	TS-4 PORT TERMINAL SVR	\$810.00
4	65000-00182	CBL RJ45-10P/DB25M 4FT	\$105.00
		Rack & Peripheral Equipment	

1	MCA	<i>Note : Customer to Reuse Existing Rack.</i>	
1	04000-00809	19IN Monitor	\$187.49
		KVM 8-PORT SWITCH USB	\$530.00
VESTA 9-1-1 Subtotal			\$30,562.49

VESTA® CommandPOST - Hamilton PSAP

Qty.	Part No.	Description	Price
10	873090-11102U	ESInet Interface Module (EIM) V911 LIC EIM MOD UPGD	\$0.00
10	873099-01102U	VESTA® 9-1-1 CDR Module V911 CDR PER SEAT LIC UPGD	\$0.00
10	PS-0PR-VSML-M	VESTA® 9-1-1 Prime Standard Operations VPRIME MLTP SEAT LIC NFEE	\$0.00
10	873099-00502U	VESTA® 9-1-1 IRR Module V911 IRR LIC UPGD	\$0.00
10	61050-G819606	CommandPOST Hardware LAPTOP ZBOOK15 G6 W/O OS	\$16,875.00
10	04000-00441	WINDOWS 10 LTSC LIC	\$1,162.50
10	80000-Pelican	COMMANDPOST HARDWARE	\$10,375.00
10	MCA	22IN Touchscreen Monitors	\$6,337.38
10	65000-00263	DOCK STATION THUNDERBOLT KIT	\$6,325.00
10	64021-10025	KYBD/MOUSE BNDL	\$550.00
10	853004-00302	CPOST BASIC SAM HDWR KIT	\$24,400.00
10	853004-00401	SAM EXT SPKR KIT	\$2,100.00
10	809800-35109	V911 IWS CFG	\$2,500.00
10	809800-35108	V911 IWS STG FEE	\$3,750.00
1	870890-07501	CPR/SYSPREP MEDIA IMAGE	\$0.00
VESTA CommandPOST Subtotal			\$74,374.88

Spare Parts

Qty.	Part No.	Description	Price
1	2213937-SPARE	FXO GATEWAY 8-PORT SPARE	\$1,648.75
1	04000-29638-X	SWITCH 2960-X+CBL 24-PORT	\$2,260.00
1	MCA	22IN Touchscreen Monitors	\$633.74
1	64007-50021	KEYPAD 24 KEY USB CBL 12FT	\$136.25
Spare Parts Subtotal			\$4,678.74

Managed Services - Westchester PSAP

Qty.	Part No.	Description	Price
1	04000-00398	Monitoring, PM & AV Service: Servers <i>Note: Includes (1) DDS Servers</i> M&R SVR AGENT LIC	\$615.00
11	04000-00399	Monitoring, PM & AV Service: Workstations <i>Note: Includes (10) Workstations, (1) Management Console</i> M&R WKST AGENT LIC	\$1,980.00
9	04000-00400	Monitoring, PM & AV Service: IP Devices <i>Note: Includes (1) Virtual Host/Machines, (1) ASN Server, (1) MDS Servers, (2) Gateways, (2) HA Firewalls, (2) Cisco Switches</i> M&R NETWORK/IP AGENT LIC	\$888.75
Managed Services Subtotal			\$3,483.75

Managed Services - Hamilton PSAP

Qty.	Part No.	Description	Price
1	04000-00398	Monitoring, PM & AV Service: Servers <i>Note: Includes (1) DDS Servers</i> M&R SVR AGENT LIC	\$615.00
1	04000-00399	Monitoring, PM & AV Service: Workstations M&R WKST AGENT LIC	\$180.00

9	04000-00400	Monitoring, PM & AV Service: IP Devices <i>Note: Includes (1) Virtual Host/Machines, (1) ASN Server, (1) MDS Servers, (2) Gateways, (2) HA Firewalls, (2) Cisco Switches</i> M&R NETWORK/IP AGENT LIC	\$888.75
Managed Services Subtotal			\$1,683.75

MCA / VESTA® Services

Qty.	Part No.	Description	Price
1	MCA	Shipping	\$1,407.11
1	MCA	Turnkey Installation	\$49,217.00
48	809800-17006	FIELD ENG-EXPRESS	\$4,380.00
90	809800-17006-SMS	Services to Support VESTA® SMS FIELD ENG-EXPRESS SMS	\$8,212.50
43	809800-51007-SMS	PROJECT MGMT - REMOTE SMS	\$4,031.25
		<i>Note: Remote Field Engineering support to perform the configuration of VESTA SMS. Services include:</i> * Firewall Configuration * VESTA 911 / VESTA SMS configuration * Import of VESTA SMS VM's (if applicable) * Preparation of screen layouts * TCC Testing * Carrier Testing * Express Field Engineering Services * Remote Project Management	
1	GP933-NG911	NetClock Command Center Package	\$8,480.00
10	MCA	Blackbox KVM's	\$6,552.63
40	MCA	Belkin A/B Cables	\$489.50
MCA / VESTA Services Subtotal			\$82,769.99

Vesta Solutions Discounts/Incentives *

Qty.	Part No.	Description	Price
1	SLD-INCENTIVE	Strategic Incentives STRATEGIC SALES INCENTIVE	-\$15,000.00
Vesta Discount Subtotal			-\$15,000.00

Quote Total: \$270,105.95

TRUE LEASE SCHEDULE NO. 2 dated as of December 1, 2020

to Lease Agreement No. NCM139 dated as of July 6, 2015

between the Lessee and Lessor below.

THIS TRUE LEASE SCHEDULE is entered into by and between the undersigned Lessee and Lessor pursuant to the Lease Agreement identified above. All terms and conditions of such Lease Agreement are incorporated herein and made a part of hereof, and unless otherwise specified herein, the terms used in this Schedule shall have the same meanings as used in the Lease Agreement. Conflicts between the provisions of the Lease Agreement and this Schedule are governed by the provisions hereof.

By its signature hereon, Lessee represents its has read, understands and agrees to the Terms and Conditions of the Lease Agreement identified above and the provisions of this Schedule.

IN WITNESS WHEREOF, Lessee and Lessor reaffirm all of the terms and conditions of the Lease Agreement, except as modified hereby, and cause this Schedule to be executed by their duly authorized representatives.

LESSOR: ePlus Group, inc.

LESSEE: City of High Point

BY: _____

BY: _____

NAME: _____

NAME: _____

TITLE: _____

TITLE: _____

DATE: _____

DATE: _____

1. INITIAL SCHEDULE TERM.

The period from and including the Commencement Date for each Asset to and including the last day of the month in which the Commencement Date for the last Asset delivered hereunder has occurred, plus sixty (60) months thereafter.

2. RENT.

a. Due on the first day of the month immediately following the Commencement Date for the last Asset delivered hereunder and annually thereafter for the remainder of the term, Rent in the amount of \$60,906.19.

3. FEE

Ordering Period Fee. Due on the first day of the month immediately following the Commencement Date for the last Asset delivered: Ordering Period Fee, consisting of Rent, prorated on the basis of a 30-day month, for a set 45 day period for each Asset accepted.

4. ASSET LOCATION.

211 S. Hamilton, Room 103, High Point, NC 27260
1002 Meadowood St, Greensboro, NC 27409

5. ASSET DESCRIPTION.

<u>Qty.</u>	<u>Mfg.</u>	<u>Model/Feature</u>	<u>Description</u>	<u>Asset Unit Cost Value*</u>
See Attachment A				\$270,105.96

*Provided solely for the purposes of calculating proportional Casualty Values pursuant to Section 5.8 of the Lease Agreement and in conjunction with Section 6 of this Schedule.

6. CASUALTY VALUES.

The Casualty Value for any Asset shall be the percentage set forth below the Asset Unit Cost Value set forth in Section 5 of this Schedule. If no Asset Unit Cost Value is given for an Asset, its Casualty Value and the proportional Rent calculations for the purposes of Section 10 of the Lease Agreement shall be based on the ratio of Lessor's original purchase price for that Asset to Lessor's original purchase price for all Asset(s) on the Schedule. The below percentages apply from the Rent payment period listed beside the percentage to the next listed Rent payment period.

<u>Rent Pmt.#</u>	<u>C.V.%</u>
1	105.00%
2	88.59%
3	69.84%
4	48.68%
5	25.00%

7. FISCAL PERIOD. July to June

8. EXECUTION.

This Schedule shall not be binding on Lessor until executed and delivered by Lessee and executed by Lessor.

CERTIFICATE OF ACCEPTANCE

Certificate of Acceptance under Schedule No. 2 dated as of December 1, 2020 to Lease Agreement No. NCM139 dated as of July 6, 2015 (collectively, the "Lease") between ePlus Group, inc. ("Lessor") and City of High Point ("Lessee").

1. Asset(s). The Lessee hereby certifies that the Asset(s) set forth and described in the above mentioned Schedule have been delivered to the location(s) set forth in the Schedule, inspected by the Lessee, found to be in good order and accepted, all on the Date of Acceptance set forth below:

Date of Acceptance: _____, 20____

2. Representations by the Lessee. The Lessee hereby represents and warrants to the Lessor and any Assignees that on the Date of Acceptance set forth above:

(a) the representations and warranties of the Lessee set forth in the Lease are true and correct in all material respects as though made on and as of such Date of Acceptance; (b) the Lessee has satisfied or complied with all requirements set forth in the Lease to be satisfied or complied with on or prior to such Date of Acceptance; (c) no Default or Event of Default under this Lease has occurred and is continuing on such Date of Acceptance; and (d) the Asset(s) are insured in accordance with the provisions of the Lease Agreement.

LESSEE: City of High Point

BY _____

NAME _____

TITLE _____

REQUEST FOR INSURANCE

In accordance with Section 5.8 of the Lease Agreement No. NCM139 dated as of July 6, 2015, we have agreed, and instructed the insurance agent named below (please fill in name, address, etc.), to provide and maintain full insurance coverage for the Asset(s) per the terms of the Agreement.

INSURANCE COMPANY: _____

ADDRESS: _____

CONTACT: _____

TELEPHONE: _____

POLICY NO.: _____

FAX: _____

Please issue:

- A. An Insurance Certificate with Liability Coverage in the amount of \$1,000,000.00 total liability per occurrence naming EPlus Group, inc. and its assignee(s) as Certificate Holder and additional insured at the address listed below:

**ePlus Group, inc. and its assignee(s)
13595 Dulles Technology Drive
Herndon, VA 20171**

- B. Evidence of Property Insurance in the form of a Certificate of Insurance and Long Form Loss Payable Clause with the following statement:

"ePlus Group, inc. and its assignee(s) are included as lender loss payee in an amount not less than the Casualty Values of the leased Asset(s) under Lease Schedule No. 2 to Lease Agreement NCM139 dated as of July 6, 2015."

- C. A certificate noting this coverage, with a 30 day notice of cancellation or non-renewal clause should be sent to ePlus Group, inc., to the attention of: **INSURANCE COORDINATOR.**

The Certificate(s) must reference Lease Agreement NCM139 dated as of July 6, 2015 and Schedule No.2 and extend for the term of the Schedule.

City of High Point

BY: _____

TITLE: _____

Please fax this information to your Insurance carrier and forward a copy of this form to ePlus Group, inc. with the other documentation.

SELF-INSURANCE QUESTIONNAIRE

These questions are to be used as a guideline for a description of the Lessee's self-insurance program. While a response to each question is not required, a written statement covering the areas of concern below would be appreciated. Please provide responses in a letter signed by your appropriate representative.

1) Does the Lessee intend to self-insure for:

a) damage or destruction to the property; b) liability for injury (including death) to persons?

2) What are the limits (in dollars) of the liability the Lessee proposes to assume for claims under 1) above?

3) Does the Lessee maintain an umbrella insurance policy for claims in excess of Lessee's self-insurance limits under question 2) above? If so,

a) Does the umbrella policy provide all-risk property damage coverage and coverage for liability for injuries, including death, to persons?

b) What are the umbrella policy's limits for such property damage and liability coverage?

4) From what source does the Lessee obtain funds to pay its self-insured liabilities?

a) Does the Lessee maintain a self-insurance fund? If so,

i) Are the monies in this fund subject to annual appropriations?

ii) What total amount is maintained in the fund to cover the Lessee's self-insurance liabilities?

iii) Are amounts paid from the fund subject to limitations per each claim?

iv) If the Lessee does not maintain an umbrella policy, are claims limited only to amounts available in the fund, or may a claimant pursue other avenues of relief against the Lessee?

v) Who or what is the decision making authority for payment of claims submitted against the Lessee?

vi) If a claimant receives an adverse decision from the entity described in 4.a)v) above, does the claimant have recourse to the courts or to another administrative agency (i.e. who/what is the authority of last resort for paying a claim against the Lessee's self-insurance liability)?

b) If the Lessee does not maintain a self-insurance fund, from what source(s) does the Lessee obtain funds to pay claims against its self-insured liability?

i) What are the limitations and amounts payable for claims against these funding sources?

ii) Who/What is the entity authorizing payment from a claim against the Lessee's self-insurance liability?

iii) Who/What is the authority of last resort for paying a claim against the Lessee's self-insurance liability?

ESSENTIAL USE LETTER
To Be Submitted on Lessee's Letterhead

RE: That certain Schedule No. 2 dated as of December 1, 2020 to Lease Agreement No. NCM139 dated as of July 6, 2015 (the "Schedule") between ePlus Group, inc. ("ePlus") and City of High Point ("Lessee").

The following information sets forth the use of the property (herein so called) to be sold to the undersigned under the above-referenced Agreement.

- 1) The property will be used by _____.
- 2) The responsibilities of the Lessee are _____.
- 3) The property is essential to the Lessee's obligation to perform the following functions:

- 4) The Lessee has/has not (circle one) always provided the functions set forth above.
- 5) Without the property, the Lessee would/would not (circle one) be able to perform the functions.
- 6) The functions being performed with the property are/are not (circle one) permanent and non-cyclical?
- 7) The property is/is not (circle one) replacing equipment which performed a similar function.

If the property is replacing equipment which performed a similar function, what was the prior equipment, was it owned or leased, how old was it and what happened to it? _____.

- 8) The property is/is not (circle one) supplementing prior equipment.

If the property is supplementing prior equipment, what portion is the property of the entire system (e.g., 50% of the total system in size and function)? _____.

- 9) Would the Lessee be able to perform its functions without the property? _____.
- 10) What is the useful life of the property?
_____.
- 11) What portion of the Lessee's overall function will be performed using the property? _____.
- 12) What are the chances of the Lessee replacing the property?
_____.
- 13) What is the flow of appropriations for the property? _____.

The undersigned hereby represents that the use of the property is essential to its proper, efficient and economic operation.

Sincerely,

By: _____

Title: _____

**SAMPLE OPINION LETTER
TO BE EXECUTED ON COUNSEL'S LETTERHEAD**

ePlus Group, inc.
13595 Dulles Technology Drive
Herndon, Virginia 20171

Gentlemen:

We are counsel to City of High Point (the "Lessee") and, in that capacity, we have examined Agreement No. NCM139, dated as of July 6, 2015, and all subsequent Schedules thereto (collectively the "Lease"), between the Lessee and ePlus Group, inc. ("Lessor"),

As a result of our examination of the Lease and such other examinations as we have deemed appropriate, we are of the opinion as follows:

(a) The Lessee is a public body corporate and politic and is authorized by the Constitution and laws of the State of North Carolina to carry out its obligations under the Lease;

(b) The Lease has been duly authorized, executed and delivered by __*, and constitutes a valid, legal and binding agreement, enforceable in accordance with its terms;

(c) No approval, consent or withholding of objection is required from any governmental authority with respect to the entering into or performance by the Lessee of the Lease and the transactions contemplated thereby;

(d) The entering into and performance of the Lease will not violate any judgment, order, law or regulation applicable to the Lessee or result in any breach of, or constitute a default under, or result in the creation of any lien, charge, security interest or other encumbrance upon any assets of the Lessee or on the Asset(s) subject to the Lease pursuant to any instrument to which the Lessee is a party or by which it or its assets may be bound;

(e) Lessee has complied with any applicable public bidding requirements in connection with the Agreement and the transactions contemplated thereby;

(f) The Asset(s) are personal property and when subject to use by the Lessee will not be or become fixtures under the law of the State of «STATE»;

(g) There are no actions, suits or proceedings pending or to our knowledge, threatened against or affecting the Lessee in any court or before any governmental commission, board or authority which, if adversely determined, will have a material, adverse effect on the ability of the Lessee to perform its obligations under the Lease.

This opinion is delivered to the addressee for its benefit and the benefit of its assigns for the purpose contemplated by the Lease.

Very truly yours,

*Authorized Signatory of Lessee under the Lease

INVOICING INFORMATION FORM

Please help us provide a more efficient service to you by completing the information requested below and returning this form to us along with the Contract documentation.

Company Name: _____

Reference: NCM139-2

Billing Address: _____

Attn: _____

Primary A/P Contact:

Name _____ Phone () _____ Email _____

Secondary A/P Contact:

Name _____ Phone () _____ Email _____

Note: Please attach any supporting documentation you may have for the following:

Federal Tax ID Number: _____

Tax Exempt: Yes _____ No _____ (Attach copy of Tax Exempt Certificate for all applicable States)

Direct Pay Certificate Number(s) (if applicable): _____

Purchase Order Number: _____

Invoice Type: Equipment Detail _____ No Equipment Detail _____

Property Tax Contact: _____

Phone () _____ Email: _____

Property Tax Contact Mailing Address:

(If different from above)

COMMENTS: _____

Confirmation: The above information is complete and accurate as of the date indicated

Signature: _____

Date: _____

Title: _____

Contact Tel. No.: () _____



November 5, 2020
City of High Point
Vesta 911 Hardware Refresh

VESTA® 9-1-1 - Westchester PSAP

Qty.	Part No.	Description	Price
1	870899-0104R7.4U	VESTA® 9-1-1 V911 R7.4 DOC/MED UPG	\$0.00
1	873099-03002U	V911 CAD INTF LIC UPGD	\$0.00
		VM Medium Server Bundle <i>Note: The Medium Server Bundle is for PSAP's up to 40 positions with an annual call volume of 500,000 or less.</i>	
1	853031-DLSVRGD-2	V-DL MED SVR BNDL GEO	\$18,583.75
1	06500-00201	2-POST RELAY RACK MNT KIT	\$213.75
		VESTA® 9-1-1 Features ESInet Interface Module (EIM) <i>Note: Pricing is provided for budgetary purposes only. Equipment/service requirements may change upon selection of ESInet Service Provider.</i>	
10	873090-11102U	V911 LIC EIM MOD UPGD	\$0.00
80	809800-17006	FIELD ENG-EXPRESS	\$7,300.00
		VESTA® SMS <i>Note: Customer is responsible for Text Control Center (TCC) services and network charges.</i>	
1	870891-66301	VESTA 9-1-1 SMS LIC	\$0.00
		<i>Note: Firewall supports Call and Text Handling for ESInet Interface Module (EIM), Text to 9-1-1 and Direct PSAP Interconnect (DPI).</i>	
2	03800-03060	FIREWALL 60E	\$1,425.00
2	809800-00200	CFG NTWK DEVICE	\$332.50
		VESTA® 9-1-1 CDR Module	
1	873099-00602U	V911 CDR SVR LIC UPGD	\$0.00
10	873099-01102U	V911 CDR PER SEAT LIC UPGD	\$0.00
		Geo Diverse Add On License	
1	BA-MGD-VSSL-M	GEO-DIV LIC MIG SYS	\$0.00
		VESTA® 9-1-1 Prime Standard Operations	
10	PS-OPR-VSML-M	VPRIME MLTP SEAT LIC NFEE	\$0.00
		VESTA® 9-1-1 IRR Module	
10	873099-00502U	V911 IRR LIC UPGD	\$0.00
		VESTA® Workstation Equipment	
10	61000-409602SFF	WKST HP Z2 G4 SFF W/O OS	\$15,800.00
10	04000-00441	WINDOWS 10 LTSC LIC	\$1,162.50
10	MCA	22IN Touchscreen Monitors	\$6,337.38
10	64007-50021	KEYPAD 24 KEY USB CBL 12FT	\$1,362.50
10	850830-03201	BASIC SAM HDWR KIT	\$14,462.50
10	853004-00401	SAM EXT SPKR KIT	\$2,100.00
10	02800-20501	HDST 4W MOD ELEC MIC BLK	\$462.50
10	03044-20000	HDST CORD 12FT 4W MOD BLK	\$37.50
10	809800-35109	V911 IWS CFG	\$2,500.00
10	809800-35108	V911 IWS STG FEE	\$3,750.00
1	870890-07501	CPR/SYSPREP MEDIA IMAGE	\$0.00
		VESTA® 9-1-1 Admin Printer	
1	64040-60020	PRNTR USB/ETHERNET B/W LJ <i>Note: Laserjet Black and White printer. Recommended monthly volume, 250 to 1,500 pages</i>	\$492.50

		Network Equipment <i>Note: Firewall supports Remote and Internet Access for Managed Services and Remote position access.</i>	
1	03800-03060	FIREWALL 60E	\$712.50
1	809800-00201	VPN CFG SVCS	\$250.00
2	04000-29638-X	SWITCH 2960-X+CBL 24-PORT	\$4,520.00
		Peripherals & Gateways	
2	2213937-1-SR1	FXO GATEWAY MP118 8-PORT	\$3,297.50
		ALI/CAD Output	
1	04000-RS232	BLK BX TL601A-R2 DATASHARE	\$461.25
1	04000-01014-10	CBL SRL DB25M/DB9F 10FT	\$12.50
1	04000-01751	TS-4 PORT TERMINAL SVR	\$810.00
4	65000-00182	CBL RJ45-10P/DB25M 4FT	\$105.00
		Rack & Peripheral Equipment	
1	06500-55053	7FT EQUIPMENT RACK 19IN	\$343.75
1	MCA	19IN Monitor	\$187.49
1	04000-00809	KVM 8-PORT SWITCH USB	\$530.00
VESTA 9-1-1 Subtotal			\$87,552.36

VESTA® 9-1-1 - Hamilton PSAP

Qty.	Part No.	Description	Price
		VESTA® 9-1-1	
1	870899-0104R7.4U	V911 R7.4 DOC/MED UPG	\$0.00
1	873099-03002U	V911 CAD INTF LIC UPGD	\$0.00
		VM Medium Server Bundle <i>Note: The Medium Server Bundle is for PSAP's up to 40 positions with an annual call volume of 500,000 or less.</i>	
1	853031-DLSVRGD-2	V-DL MED SVR BNDL GEO	\$18,583.75
1	06500-00201	2-POST RELAY RACK MNT KIT	\$213.75
		VESTA® SMS <i>Note: Customer is responsible for Text Control Center (TCC) services and network charges.</i>	
1	870891-66301	VESTA 9-1-1 SMS LIC	\$0.00
		<i>Note: Firewall supports Call and Text Handling for ESInet Interface Module (EIM), Text to 9-1-1 and Direct PSAP Interconnect (DPI).</i>	
1	03800-03060	FIREWALL 60E	\$712.50
1	809800-00200	CFG NTWK DEVICE	\$166.25
		VESTA® 9-1-1 CDR Module	
1	873099-00602U	V911 CDR SVR LIC UPGD	\$0.00
		Geo Diverse Add On License	
1	BA-MGD-VSSL-M	GEO-DIV LIC MIG SYS	\$0.00
		Network Equipment <i>Note: Firewall supports Remote and Internet Access for Managed Services, Remote position access.</i>	
1	03800-03060	FIREWALL 60E	\$712.50
1	809800-00201	VPN CFG SVCS	\$250.00
2	04000-29638-X	SWITCH 2960-X+CBL 24-PORT	\$4,520.00
		Peripherals & Gateways	
2	2213937-1-SR1	FXO GATEWAY MP118 8-PORT	\$3,297.50
		ALI/CAD Output	
1	04000-RS232	BLK BX TL601A-R2 DATASHARE	\$461.25
1	04000-01014-10	CBL SRL DB25M/DB9F 10FT	\$12.50
1	04000-01751	TS-4 PORT TERMINAL SVR	\$810.00
4	65000-00182	CBL RJ45-10P/DB25M 4FT	\$105.00
		Rack & Peripheral Equipment	

1	MCA	<i>Note : Customer to Reuse Existing Rack.</i>	
1	04000-00809	19IN Monitor	\$187.49
		KVM 8-PORT SWITCH USB	\$530.00
VESTA 9-1-1 Subtotal			\$30,562.49

VESTA® CommandPOST - Hamilton PSAP

Qty.	Part No.	Description	Price
10	873090-11102U	ESInet Interface Module (EIM) V911 LIC EIM MOD UPGD	\$0.00
10	873099-01102U	VESTA® 9-1-1 CDR Module V911 CDR PER SEAT LIC UPGD	\$0.00
10	PS-0PR-VSML-M	VESTA® 9-1-1 Prime Standard Operations VPRIME MLTP SEAT LIC NFEE	\$0.00
10	873099-00502U	VESTA® 9-1-1 IRR Module V911 IRR LIC UPGD	\$0.00
10	61050-G819606	CommandPOST Hardware LAPTOP ZBOOK15 G6 W/O OS	\$16,875.00
10	04000-00441	WINDOWS 10 LTSC LIC	\$1,162.50
10	80000-Pelican	COMMANDPOST HARDWARE	\$10,375.00
10	MCA	22IN Touchscreen Monitors	\$6,337.38
10	65000-00263	DOCK STATION THUNDERBOLT KIT	\$6,325.00
10	64021-10025	KYBD/MOUSE BNDL	\$550.00
10	853004-00302	CPOST BASIC SAM HDWR KIT	\$24,400.00
10	853004-00401	SAM EXT SPKR KIT	\$2,100.00
10	809800-35109	V911 IWS CFG	\$2,500.00
10	809800-35108	V911 IWS STG FEE	\$3,750.00
1	870890-07501	CPR/SYSPREP MEDIA IMAGE	\$0.00
VESTA CommandPOST Subtotal			\$74,374.88

Spare Parts

Qty.	Part No.	Description	Price
1	2213937-SPARE	FXO GATEWAY 8-PORT SPARE	\$1,648.75
1	04000-29638-X	SWITCH 2960-X+CBL 24-PORT	\$2,260.00
1	MCA	22IN Touchscreen Monitors	\$633.74
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Spare Parts Subtotal			\$4,678.74

Managed Services - Westchester PSAP

Qty.	Part No.	Description	Price
1	04000-00398	Monitoring, PM & AV Service: Servers <i>Note: Includes (1) DDS Servers</i> M&R SVR AGENT LIC	\$615.00
11	04000-00399	Monitoring, PM & AV Service: Workstations <i>Note: Includes (10) Workstations, (1) Management Console</i> M&R WKST AGENT LIC	\$1,980.00
9	04000-00400	Monitoring, PM & AV Service: IP Devices <i>Note: Includes (1) Virtual Host/Machines, (1) ASN Server, (1) MDS Servers, (2) Gateways, (2) HA Firewalls, (2) Cisco Switches</i> M&R NETWORK/IP AGENT LIC	\$888.75
Managed Services Subtotal			\$3,483.75

Managed Services - Hamilton PSAP

Qty.	Part No.	Description	Price
1	04000-00398	Monitoring, PM & AV Service: Servers <i>Note: Includes (1) DDS Servers</i> M&R SVR AGENT LIC	\$615.00
1	04000-00399	Monitoring, PM & AV Service: Workstations M&R WKST AGENT LIC	\$180.00

9	04000-00400	Monitoring, PM & AV Service: IP Devices <i>Note: Includes (1) Virtual Host/Machines, (1) ASN Server, (1) MDS Servers, (2) Gateways, (2) HA Firewalls, (2) Cisco Switches</i> M&R NETWORK/IP AGENT LIC	\$888.75
Managed Services Subtotal			\$1,683.75

MCA / VESTA® Services

Qty.	Part No.	Description	Price
1	MCA	Shipping	\$1,407.11
1	MCA	Turnkey Installation	\$49,217.00
48	809800-17006	FIELD ENG-EXPRESS	\$4,380.00
90	809800-17006-SMS	Services to Support VESTA® SMS FIELD ENG-EXPRESS SMS	\$8,212.50
43	809800-51007-SMS	PROJECT MGMT - REMOTE SMS	\$4,031.25
		<i>Note: Remote Field Engineering support to perform the configuration of VESTA SMS. Services include:</i> * Firewall Configuration * VESTA 911 / VESTA SMS configuration * Import of VESTA SMS VM's (if applicable) * Preparation of screen layouts * TCC Testing * Carrier Testing * Express Field Engineering Services * Remote Project Management	
1	GP933-NG911	NetClock Command Center Package	\$8,480.00
10	MCA	Blackbox KVM's	\$6,552.63
40	MCA	Belkin A/B Cables	\$489.50
MCA / VESTA Services Subtotal			\$82,769.99

Vesta Solutions Discounts/Incentives *

Qty.	Part No.	Description	Price
1	SLD-INCENTIVE	Strategic Incentives STRATEGIC SALES INCENTIVE	-\$15,000.00
Vesta Discount Subtotal			-\$15,000.00

Quote Total: \$270,105.95

CERTIFICATE OF DISBURSEMENT NO. 1

Certificate of Disbursement No. 1 under Schedule No. 2 dated as of December 1, 2020 to Master Lease Agreement No. NCM139 dated as of July 21, 2015 (collectively, the "Lease") between ePlus Group, inc. ("Lessor") and City of High Point ("Lessee").

Pursuant to the above-mentioned Agreement, the undersigned hereby authorizes Lessor to remit, at the time of order, payment on Lessee's behalf to Mobile Communications America ("Vendor"). The payments under the Agreement shall be due as set forth in the Schedule. Lessee acknowledges and agrees that its obligation to pay Rent under the Schedule commences on the Date of Disbursement and that it shall pay Pro-rata Rent consisting of Rent, prorated on the basis of a 30-day month for a set forty five (45) day period. As of the date of _____ ("Date of Disbursement"), Lessee hereby directs Lessor to disburse funds in the amount of \$91,836.03 to Vendor.

LESSEE: City of High Point

By

Name

Title

CERTIFICATE OF DISBURSEMENT NO. 2

Certificate of Disbursement No. 2 under Schedule No. 2 dated December 1, 2020 to Master Lease Agreement No. NCM139 dated as of July 21, 2015 (collectively, the "Lease") between ePlus Group, inc. ("Lessor") and City of High Point ("Lessee").

Pursuant to the above-mentioned Agreement, the undersigned hereby authorizes Lessor to remit payment on Lessee's behalf to Mobile Communications America. ("Vendor"). The payments under the Agreement shall be due as set forth in the Schedule. Lessee acknowledges and agrees that its obligation to pay Rent under the Schedule commences on the Date of Disbursement and that it shall pay Pro-rata Rent consisting of Rent, prorated on the basis of a 30-day month, for a set forty five (45) day period. As of the date of delivery and inspection of the equipment, _____ ("Date of Disbursement"), Lessee hereby directs Lessor to disburse funds in the amount of \$89,134.97 to Vendor

LESSEE: City of High Point

By

Name

Title

CERTIFICATE OF DISBURSEMENT NO. 3

Certificate of Disbursement No. 3 under Schedule No. 2 dated December 1, 2020 to Master Lease Agreement No. NCM139 dated as of July 21, 2015 (collectively, the "Lease") between ePlus Group, inc. ("Lessor") and City of High Point ("Lessee").

Pursuant to the above-mentioned Agreement, the undersigned hereby authorizes Lessor to remit payment on Lessee's behalf to Mobile Communications America ("Vendor"). The payments under the Agreement shall be due as set forth in the Schedule. Lessee acknowledges and agrees that its obligation to pay Rent under the Schedule commences on the Date of Disbursement and that it shall pay Pro-rata Rent consisting of Rent, prorated on the basis of a 30-day month, for a set forty five (45) day period. As of the date of installation and acceptance of the equipment, _____ ("Date of Disbursement"), Lessee hereby directs Lessor to disburse funds in the amount of \$89,134.96 to Vendor.

LESSEE: City of High Point

By

Name

Title

CITY OF HIGH POINT

AGENDA ITEM



Title: Public hearing for Hot Shots Distributing, Inc.

From: Exec. V.P. Sandy Dunbeck and
Vice President Marshall Yandle,
High Point Economic Development Corporation

Meeting Date: December 21, 2020

Public hearing: yes

Advertising Date: December 10, 2020

Attachments: legal notice that appeared in
The High Point Enterprise

Advertised by: High Point EDC

PURPOSE:

The High Point City Council is asked to consider a request from Hot Shots Distributing Inc., to authorize performance-based incentives for a project at 827 West Green Drive in the amount of \$31,758.

PROJECT & BACKGROUND:

Hot Shots Distributing, Inc., was founded in 1992 and quickly became known for their first class and fiery products hot sauce products. Hot Shots became the leader in specialty sauce distribution worldwide.

- Hot Shots Distributing, Inc., currently located in Charlotte North Carolina, proposes to operate a distributing and manufacturing operation at 827 W. Green Drive in High Point, NC. The building is in the City of High Point's Small-Scale Manufacturing and Southwest High Point Opportunity Zone areas.
- Hot Shots proposes to invest \$565,000 in building upfits and have 21 positions in High Point. The positions are senior management, office staff, warehouse staff, and kitchen staff and will be put in place over 7 years.
- The High Point Economic Development staff recommends that High Point City Council consider authorizing cash grant performance-based incentives of \$31,758. These incentives consist of \$10,758 based upon capital investment and \$1,000 per position or \$21,000 for job creation.

BUDGET IMPACT:

- The source of those monies would be the City's Economic Development Incentive Fund, which is funded by general and electric revenues.

RECOMMENDATION / ACTION REQUESTED:

The High Point Economic Development staff recommends that City Council:

- authorize performance-based incentives for the Hot Shots Distributing, Inc., project of up to \$31,758.
- authorize the City Manager to execute a performance agreement with the company containing benchmarks for the company to achieve and a schedule for the payment of such financial incentives.

Dec. 10, 2020

Pursuant to N.C. General Statute 158-7.1, notice is hereby given that a public hearing will be held on Monday, December 21, 2020 at 5:30 pm in the Council Chambers, in the Municipal Building, 211 S. Hamilton St., High Point, NC. The purpose of the hearing is to receive public input on a prospective funding request for local incentives. A company proposes to locate at 827 West Green Drive, High Point, NC, invest \$565,000 in building improvements and create 21 full-time jobs. The High Point City Council will consider incentives of \$31,758 for the project. The High Point source of funding is the Economic Development Incentive Fund which is funded by general and electric revenues.

In order to maintain the health, safety, and well-being of our residents, staff, and the City Council, this meeting will be conducted electronically. As part of the city of High Point's COVID-19 mitigation efforts, in-person attendance will not be allowed at this meeting. Instead, the meeting will be live-streamed. Once the City Council is in session on December 21, 2020 at 5:30 p.m., please visit www.HighPointNC.gov/VirtualPublicMeeting to listen to the meeting. Public comments can be submitted by:

- Calling 336-883-3522 and leaving a message, or by
- Emailing written comments to publiccomment@highpointnc.gov, or by
- Dropping written comments off in the City of High Point's utility payment drop-boxes located in the Green Drive and the Commerce Avenue parking on both sides of the Municipal Building located at 211 S. Hamilton Street.
- Please identify the topic/public hearing.

In accordance with recently adopted legislation regarding public hearings at remote meetings, after the public hearing is held, the required 24-hour waiting period will be open before a vote can be

taken on this matter. During that time, the public can submit any additional comments on the subject matter for the public hearing.

Please note that the deadline for submitting comments for public hearings will be 24 hours after the public hearing is held by the City Council. Questions? Please contact the City Clerk's Office at 336-883-3536 or 336-883-3690.

Dec. 10, 2020

CITY OF HIGH POINT

AGENDA ITEM



Title: Corrosion Inhibitor for Ward Water Treatment Plant

From: Terry Houk – Public Services Director
Derrick Boone – Asst. Director Public Services
Wendell Pickett, Water Plant Superintendent

Meeting Date: December 21, 2020

Public Hearing: No

Advertising Date: November 16, 2020

Advertised By: Purchasing

Attachments: Attachment A – Bid Tabulation

PURPOSE:

This product is used to protect the pipes in the distribution system from corrosion and to help keep lead and copper from leaching into the system.

BACKGROUND:

The bids for Corrosion Inhibitor for the Ward Water Plant were received on December 3, 2020. The Purchasing Division received two bids. Sterling Water Technologies was the only responsive bidder at \$795.9495/ton.

BUDGET IMPACT:

Funding is available in the FY 2020-2021 Budget.

RECOMMENDATION / ACTION REQUESTED:

The Public Services Department recommends awarding the contract to Sterling Water Technologies in the amount of \$198,987.38. The contract will be awarded for a three (3) year period with an option to renew for two additional one (1) year periods.

Bid Tabulation
Bid #04-120320
Corrosion Inhibitor

<u>BIDDERS</u>	<u>Addendum Received</u>	<u>UNIT COST PER TON</u>	<u>TOTAL Estimated 250 Tons</u>	<u>DELIVERY DAYS ARO</u>
Sterling Water Technologies	Yes	\$795.9495	\$198,987.38	7-10 Business Days