

February 16, 2024

Via E-File

Rosemary Chiavetta, Secretary
Pennsylvania Public Utility Commission
Commonwealth Keystone Building
400 North Street
Harrisburg, PA 17105

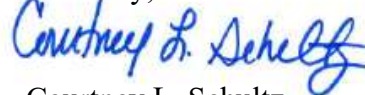
**RE: Application of Aqua Pennsylvania Wastewater, Inc. pursuant to Sections 1102, 1329, and 507 of the Public Utility Code for Approval of its Acquisition of the Wastewater System Assets of Greenville Sanitary Authority
Docket No. A-2023-3041695**

Dear Secretary Chiavetta:

On behalf of Aqua Pennsylvania Wastewater, Inc. (“Aqua”), please accept this filing made in connection with the above-referenced Application, filed with the Commission on November 17, 2023 pursuant to Sections 1102, 1329, and 507 of the Public Utility Code, 66 Pa. C.S. §§ 1102, 1329, and 507, for approvals related to the acquisition by Aqua of the wastewater system assets of the Greenville Sanitary Authority (“GSA”). The Bureau of Technical Utility Services is reviewing the Application and has asked that we address certain requests for additional information. The following requests are addressed herein: Nos. 3-11, and 18.

Confidential information submitted with the responses to the below requests will be submitted via SharePoint. We ask that the Commission not allow any public disclosure of the Confidential and Proprietary Information and that the Commission take appropriate steps to exclude the Confidential and Proprietary Information from any and all public folders. Please do not hesitate to contact me if you have any questions.

Sincerely,



Courtney L. Schultz

Encls.

Cc: All Parties Per Certificate of Service

Information Request No. 3:

Checklist Item No. 15.a. - The Application's Exhibit D, Sale of Greenville Sanitary Authority Sanitary Sewer System Facilities Engineering Assessment (Engineering Assessment), Section 3.2 Wastewater Treatment Plant, indicated that the Greenville Sanitary Authority Wastewater Treatment Plant (GSA WWTP) was constructed in 1960 and underwent an expansion and upgrade of facilities in 1994. The Engineering Assessment's Appendix A (Assessment Appendix A) consisted of an asset inventory by National Association of Regulatory Utility Commissioners Uniform System of Accounts. The table for Account No. 380 - Structures and Improvements, listed the original cost of the GSA WWTP as \$1,118,853.87 with subsequent improvements between 1972 through 1986 having a total original cost of approximately \$529,665.67. Further, the inventory listed the 1994 WWTP expansion and upgrades having an original cost of \$5,859,460. Please provide responses to the following:

- a. Clarify if any assets or portions thereof listed in the inventory as used and useful under Account No. 380 were replaced and/or retired by later GSA WWTP improvements (e.g., Exhibit N-1, NPDES Permit Renewal Application, Attachment 1, depicted an abandoned sludge lagoon);
- b. If any assets under Account No. 380 were retired, explain how original costs were reduced to reflect asset retirements that correspond with the subsequent GSA WWTP improvements; and
- c. If Account No. 380 does not reflect asset retirements caused by later GSA WWTP improvements, submit a revised Application Exhibit D that accounts for asset retirements in the current inventory of used and useful assets to be transferred as part of the sale and reflects the associated reductions in the original cost.

RESPONSE:

Included with this letter is an updated copy of Application Exhibit D.¹ The 1960 original construction and the 1994 expansion are now broken down in greater detail. Assets that were retired are identified as demolition items and the subsequent reduction in value of used and useful assets has been incorporated into the Asset Inventory for Account No. 380.

Information Request No. 4:

Checklist Item No. 15.a. - The table for Account No. 380 in the Assessment Appendix A, listed line items entitled "Original Construction" and "WWTP Expansion and Upgrades" with an unidentified nomenclature unit of "LS " Checklist Item No. 15.a. requires the Application to provide an inventory of the used and useful plant assets to be transferred. The Application's Exhibit N-1, Attachment 1, included a copy of a site plan, dated January 2021, that appeared to depict the various process components of the GSA WWTP. Please submit a revised Application Exhibit D

¹ A confidential facilities map related to Application Exhibit D will be filed via SharePoint only.

that includes a breakdown of the inventory of the GSA WWTP assets for both the “Original Construction” and “WWTP Expansion and Upgrade” line items (e.g., see Application Exhibit D at Docket No. A-2019-3015173).

RESPONSE:

LS stands for Lump Sum. The 1960 original construction and the 1994 expansion are now broken down in greater detail. Assets that were retired are identified as demolition items and the subsequent reduction in value of used and useful assets has been incorporated into the Asset Inventory for Account No. 380. Please see updated Application Exhibit D included in response to Information Request No. 3.

Information Request No. 5:

Checklist Item No. 15.a. - The table for Account No. 380 in the Assessment Appendix A also indicated that raw sewage grinders installed in 2004 were still used and useful plant assets to be transferred as part of the sale. However, the Application’s Exhibit E indicated in the Executive Summary that the 2004 raw sewage grinders (2004 Grinders) were installed to replace the aging comminutors and that the 2004 Grinders were subsequently replaced with new raw sewage grinders in 2018. Please submit a revised Application Exhibit D that removes the comminutors and 2004 Grinders along with the associated reductions in the original cost from the asset inventory.

RESPONSE:

Assets that were retired are identified as demolition items and the subsequent reduction in value of used and useful assets has been incorporated into the Asset Inventory for Account No. 380. The Raw Sewage Grinders were replaced in 2004. Only the cartridges were replaced in 2018, so the 2018 Raw Sewage Grinder improvements were considered maintenance and removed from the Asset Inventory for Account No. 380.

Information Request No. 6:

Checklist Item No.15.a. - The Engineering Assessment, Section 3.3 Pump Stations and Force Mains, indicated that two (2) E/one grinder pumps were replaced at the Barrett Street and Penn Avenue Pump Stations in 2020 and 2021, respectively. However, the table for Account No. 371 in Assessment Appendix A, listed the original 1997 grinder pumps for both the Barrett Street and Penn Avenue Pump Stations as used and useful plant assets to be transferred as part of the sale. If the 1997 grinder pumps were removed from service and retired, please submit a revised Application Exhibit D that removes the retired assets and associated original costs for the wastewater system.

RESPONSE:

The 1997 grinder pumps for the Barrett Street and Penn Avenue Pump Stations were removed from Account No. 371 in the Asset Inventory as they were replaced in 2020 and 2021, respectively.

Information Request No. 7:

Checklist Item No. 15.a. - The Engineering Assessment, Section 3.4 Collector and Interceptor Sewers, indicated that the sewer system is aging, but no serious problems concerning breaks or blockages have occurred. The table for Account No. 361.2 in Assessment Appendix A, indicated that approximately 26.54 miles (see Exhibit D Engineering Assessment Excel worksheet) of the collection and conveyance system mains were installed in 1960 with subsequent system main extensions completed in 1985, 1988, 1990, 1991, 1994 and 1997. Please provide responses to the following:

- a. Clarify if any assets or portions thereof listed in the inventory as used and useful under Account No. 361.2 were replaced and/or retired by later GSA main replacements;
- b. If any assets under Account no. 361.2 were replaced and/or retired by later GSA main replacements, explain how original costs were reduced to reflect asset retirements that correspond with the subsequent GSA main replacements; and
- c. If Account No. 361.2 does not account for asset retirements caused by later GSA main replacements, submit a revised Application Exhibit D that accounts for asset retirements in the current inventory of used and useful assets and reflects the associated reductions in the original cost.

RESPONSE:

The sewers included in Account No. 361.2 in the Asset Inventory are based on the current active segments from the GSA GIS. Therefore, if replacements occurred, only the more recent date of installation would have been accounted for in the Asset Inventory and the original segments would not have been included. The sewers are not double counted.

Information Request No. 8:

Checklist Item Nos. 15.a. and 24 - The Application's Exhibit E, 2022 Chapter 94 Municipal Wasteload Management Report, Attachment 2, indicated GSA owns and maintains 17 grinder pumps; 16 grinder pumps in West Salem Township and 1 grinder pump at the Sports Complex. The aforementioned grinder pumps do not appear to be included in the Assessment Appendix A, and do not appear to be listed as excluded assets under the asset purchase agreement (APA) provided in the Application's Exhibit B. Also, the APA's Section 4.21 specified that, "[GSA] does not own, nor does [GSA] have any responsibility for any grinder pumps [...]". However, the APA's Schedule 4.10 identified five grinder pumps. Please provide responses to the following:

- a. If the 17 grinder pumps were included in the Assessment Appendix A, identify the account number and line item where the assets have been included in the inventory; or
- b. If the 17 grinder pumps were not included in the Assessment Appendix A and are used and useful assets that will be transferred as part of the transaction, submit a revised Application Exhibit D that includes the 17 grinder pumps.

RESPONSE:

The 17 West Salem Township pump stations are not owned by GSA, and therefore were not included in excluded assets or in the Engineering Assessment. The 17 physical grinder pumps within the pump stations are owned and maintained by GSA. The 17 physical grinder pumps will not be transferred as part of the transaction.

Information Request No. 9:

Checklist Item Nos. 15.a. and 24 - The Application's Exhibit E, 2022 Chapter 94 Municipal Wasteload Management Report, Attachment 2, indicated that GSA performs maintenance tasks for four pump stations that are owned by the West Salem Township Municipal Sewage Authority, including the Route 18, Brownies, Kinsman, and St. Paul's pump stations (collectively, the WSTMSA Pump Stations). Also, the Engineering Assessment's Appendix E includes WSTMSA Pump Station assets in pages titled, "Collection System Backup Pumps & Equipment" and "Miscellaneous Collection System". However, the Application's map of wastewater facilities does not depict the location of the WSTMSA Pump Station assets. Please provide responses to the following:

- a. If the WSTMSA Pump Station assets are used and useful plant assets to be transferred as part of the transaction, provide a revised copy of Exhibit A that includes depiction of the location or route of wastewater collection, treatment or disposal facilities, including any facilities located outside of APW's requested service territory; or
- b. If the WSTMSA Pump Station assets are not used and useful plant assets to be transferred to APW, submit a revised Application Exhibit D, Engineer's Assessment, that removes any assets that are not used and useful plant assets to be transferred as part of the transaction and associated original costs.

RESPONSE:

GSA owns the referenced pumps as part of its inventory and its maintenance of the West Salem pump stations, but does not own the pump stations of West Salem. The pumps and miscellaneous equipment for the West Salem pump stations were removed from the Asset Inventory except for the e-One grinder pumps which are spare pumps for the GSA Barrett Street, Penn Avenue, and North Front Street Pump Stations.

Information Request No. 10:

Checklist Item No. 15.b. - The Engineering Assessment, Section 3.1 Property and Easements, indicated that the GSA wastewater system includes approximately 130 easements. However, the Engineering Assessment does not appear to have included a complete listing of those easements by Parcel ID, property address or other unique identifier. Additionally, the Application's Exhibit B, Schedule 6.05(e), Missing Easements, (Missing Easement Schedule) provided a list of 276 easements that are required as part of the acquisition of the wastewater system. Checklist Item No. 15.b. requires the Application to provide a list of all non-depreciable property such as land and rights-of-way. Please provide responses to the following:

- a. Clarify whether the 130 easements mentioned in the Engineering Assessment's Section 3.1 are included as part of or are in addition to the Missing Easement Schedule; and
- b. Submit a revised Application Exhibit D with a complete listing of easements and other rights-of-way included as part of the acquisition of the wastewater system.

RESPONSE:

The 130 easements were included in the Engineering Assessment at the time it was developed; additional missing easements were found after this point in time. Please see updated Application Exhibit D provided in response to Information Request No. 3 which includes the updated list of 276 easements.

Information Request No. 11:

Checklist Item No. 16.f. - The map provided as the Application's Exhibit A did not include a depiction of the location or route of the wastewater collection, treatment or disposal facilities. APW filed an additional map as part of Exhibit D, Checklist Item 16 requires a single map including all requirements. Please provide a revised copy of Exhibit A that includes depiction of the location or route of the wastewater collection, treatment or disposal facilities.

RESPONSE:

Included with this letter is an updated now CONFIDENTIAL version of Application Exhibit A.

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Information Request No. 18:

Checklist Item No. 20.b. - The Application's Exhibit NI, NPDES Permit Renewal Application dated July 2022, National Pollutant Discharge Elimination System Application for Individual Permit to Discharge Sewage Effluent for Major Sewage Facilities, identifies that GSA's latest issued WQM Permit is WQM Permit No. 4391412. Please provide a copy of WQM Permit No. 4391412.

RESPONSE:

Included with this letter is WQM Permit No. 4391412.

CERTIFICATE OF SERVICE

I, Courtney L. Schultz, Esquire, hereby certify that I am on this day serving copies of the foregoing, upon the participants listed below in accordance with the requirements of 52 Pa. Code § 1.54 (relating to service by a participant):

<p><u>PA PUC</u> Pennsylvania Public Utility Commission Commonwealth Keystone Building 400 North Street Harrisburg, PA 17105 Rosemary Chiavetta, Secretary rchiavetta@pa.gov</p> <p>Angel Elwell, Office Administrator anelwell@pa.gov</p> <p>Office of Special Assistants Pennsylvania Public Utility Commission 400 North Street Harrisburg, PA 17105 Ra-OSA@pa.gov</p> <p><u>TUS</u> Paul Diskin, Director pdiskin@pa.gov</p> <p>Darren Gill, Deputy Director dgill@pa.gov</p>	<p>Paul Zander pzander@pa.gov</p> <p><u>OSBA</u> Rebecca Lyttle, Esquire Steven C. Gray, Esquire Office of Small Business Advocate relyttle@pa.gov sgray@pa.gov</p> <p><u>OCA</u> Gina L. Miller, Assistant Consumer Advocate Jacob D. Guthrie, Assistant Consumer Advocate Office of Consumer Advocate GMiller@paoca.org JGuthrie@paoca.org</p> <p><u>I&E</u> Allison Kaster, Esquire Bureau of Investigation and Enforcement akaster@pa.gov</p>
<p>Daniel Searfoorce, Manager dsearfoorc@pa.gov</p> <p>Sean Donnelly sdonnelly@pa.gov</p> <p>Clinton McKinley cmckinley@pa.gov</p> <p>Matt Lamb mlamb@pa.gov</p>	<p><u>Aqua</u> Alexander R. Stahl AStahl@aquaamerica.com</p>

Manasi Deshpande
mdeshpande@pa.gov

James Kennedy
jameskenne@pa.gov



By: _____

Courtney L. Schultz, Esquire
PA Attorney No. 306479

Date: February 16, 2024

Information Request No. 3

Updated Application Exhibit D – Engineering Assessment

EXHIBIT D

(Updated)

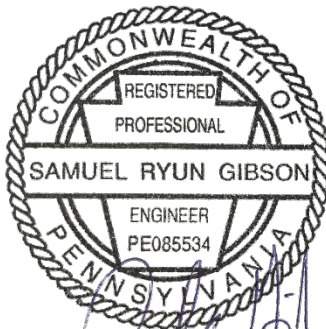
AQUA PENNSYLVANIA WASTEWATER

Sale of Greenville Sanitary Authority
Sanitary Sewer System
Facilities Engineering Assessment
Greenville Borough, Mercer County, Pennsylvania

February 2024

KLH

ENGINEERS, INC
5173 CAMPBELLS RUN ROAD
PITTSBURGH, PA 15205-9733
REF. NO.: 502-12



A handwritten signature in blue ink, appearing to read "Samuel Ryun Gibson", written over the bottom portion of the professional seal.

AQUA PENNSYLVANIA WASTEWATER

Facilities Engineering Assessment

Sale of Greenville Sanitary Authority Sanitary Sewer System

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AQUA PENNSYLVANIA WASTEWATER

Facilities Engineering Assessment

Sale of Greenville Sanitary Authority Sanitary Sewer System

1.0 INTRODUCTION

The Greenville Sanitary Authority (Authority) owns, operates, and maintains the sewage collection, conveyance, and treatment facilities providing sewage service in Greenville Borough, Mercer County, Pennsylvania. The Authority also provides treatment services to the Townships of West Salem and Hempfield. The Authority maintains the collection system and four (4) pump stations in West Salem but does not own the facilities. The West Salem Township Municipal Sewage Authority and the Hempfield Township Municipal Authority own their respective systems.

Act 12 of 2016 amended Title 66 of the Pennsylvania Consolidated Statutes, adding §1329 for valuation of acquired water and wastewater systems. Section 1329(a)(4) of the Act requires, “The acquiring public utility or entity and selling utility shall engage the services of the same licensed engineer to conduct an assessment of the tangible assets of the selling utility.” Accordingly, this Facilities Engineering Assessment was prepared by KLH Engineers, Inc. (KLH) for the purchase of the Greenville Sanitary Authority sanitary sewer system by Aqua Pennsylvania Wastewater (Aqua PA Wastewater). This Facilities Engineering Assessment will be utilized by the Utility Valuation Experts (UVEs) retained by the Authority and Aqua PA Wastewater to perform the system valuation required for the sale of the system.

KLH has served as the consulting engineer for the Greenville Sanitary Authority for nearly 40 years and has an extensive knowledge of the Authority’s system and the improvements performed within the system since its inception. This institutional knowledge of the system provided valuable information required to complete this Facilities Engineering Assessment.

2.0 METHODOLOGY

This Facilities Engineering Assessment was developed to conduct an assessment of the tangible assets of the selling utility as required by Act 12 of 2016. Sources of information included historical engineering records, system maps, drawings, geographic information system (GIS) data, input from the Authority, contract documents, pay applications, Act 339 applications, annual consulting engineer’s reports, previous engineering evaluations, planning documents, tapping fee calculations, and other sources. The information obtained from these sources was used to develop an inventory of the existing sanitary sewer system assets and systems and property held for future use to be included in the sale of the system, an estimate of years of construction or acquisition, and original construction costs. A complete list of assets and the original costs to construct said assets, based on the information available for the system, is included in Appendix A. It includes property owned by the Greenville Sanitary Authority, easements, a Wastewater Treatment Plant (WWTP), pump stations, force mains, collector sewers, interceptor sewers, and equipment. The Authority does not own any systems or property intended for future use. The assets are organized based on the National Association of Regulatory Utility Commissioners (NARUC) Uniform System of Accounts for Class A Wastewater Utilities.

The previously mentioned documents and sources were used to obtain the original cost of the assets in the system, if available. For the assets for which the original costs were not available, present-day costs were developed and the costs were indexed back to original costs using historical construction cost indices published by the Engineering News-Record (ENR), included in Appendix B.

3.0 SYSTEM DESCRIPTION

The Greenville Sanitary Authority sanitary sewer system includes a WWTP, pump stations, force mains, collector sewers, interceptor sewers, and equipment. Those facilities and the costs thereof are described in the following sections. Details are included in the asset inventory in Appendix A. Unit prices are included in Appendix C. A system map is included in Appendix D.

The West Salem Township Municipal Sewage Authority and the Hempfield Township Municipal Authority own their respective systems, both of which are tributary to the Greenville Sanitary Authority system. The Greenville Sanitary Authority maintains the collection system and four (4) pump stations in West Salem but does not own the facilities. Those facilities were, therefore, not included in this Facilities Engineering Assessment.

3.1 Property & Easements

The Greenville Sanitary Authority owns the parcel on which the WWTP is located. KLH obtained the deed for the property, and it was determined the property was gifted to the Authority. The property is included in the asset inventory in Appendix A, but no cost was attributed to it. The Greenville Sanitary Authority also owns a property adjacent to the WWTP, but the property is included on an excluded assets list and was not included in the asset inventory.

There are a total of 276 easements for the collection system. The cost of each easement was assumed to be \$1.00 at the time of acquisition as shown in the asset inventory in Appendix A.

3.2 Wastewater Treatment Plant

The Greenville Sanitary Authority WWTP was constructed in 1960. It provides wastewater treatment services for residents of Greenville Borough, Hempfield Township, and West Salem Township, and is located in Hempfield Township at 183 Hamburg Road, Greenville, PA 16125. The WWTP is currently owned by the Greenville Sanitary Authority and its operation is regulated by National Pollutant Discharge Elimination System (NPDES) Permit No. PA0027367. The plant discharges treated effluent to the Shenango River. The WWTP was previously permitted for a treatment capacity of 2.8 MGD but was rerated in 2014 to treat average day flow of 4.0 MGD. The NPDES Permit was amended for the rerated hydraulic capacity. The rated organic loading capacity is 5,000 lb BOD₅/day.

In 1994, the WWTP underwent an expansion and upgrade of facilities to eliminate wet weather bypass flows and effect phosphorous removal. The project involved construction of new flocculating clarifiers, chlorine contact tank, chemical feed, solids handling, and aeration facilities. Upgrades were performed on the primary clarifiers, trickling filters, and digesters. A number of other improvements and equipment upgrade projects have taken place throughout the plant's history. The original plant construction, the various improvement projects, and the costs thereof, are included in the asset inventory in Appendix A. Assets that were retired as part

of any upgrades are identified as demolition items and the subsequent reduction in value of used and useful assets has been incorporated into the asset inventory in Appendix A.

The treatment plant has not had a major upgrade since 1994, and though it is well maintained, it is reaching the end of its design life. The general condition of the WWTP is fair mainly due to the age of the facility. The WWTP has demonstrated exceptional performance since completion of the last significant upgrade. However, the trickling filters and flocculator clarifiers are nearly 25 years old. The headworks, primary clarifiers, and trickling filter pump station are over 50 years old, far beyond the reasonable operating life of these facilities. Other problems, including issues related to inorganic wastes, grit and grease, safety concerns, mechanical failure of equipment, concrete deterioration, and frequent maintenance requirements, carry significant concern in regard to the WWTP and the effectiveness of the treatment processes and the overall capacity of the plant. Additionally, the treatment plant saw biological loadings during 2020 exceeding its organic design capacity. The Authority began the design for treatment plant upgrades in 2020.

3.3 Pump Stations & Force Mains

The system contains a total of three (3) pump stations located in Greenville Borough. They are the Barrett Street, Penn Avenue, and North Front Street Pump Stations. All of these pump stations have identical footprints, are equipped with identical E/one grinder pumps, and are located within the public right-of-way. The pump stations are in good condition. Details relating to the pump stations and their respective force mains are included in the asset inventory in Appendix A and outlined below.

- The Barrett Street Pump Station contains two (2) E/one grinder pumps. The pumps at the Barrett Street Pump Station were last replaced in 2020. Its force main is 2" PVC totaling approximately 311 LF in length. The force main is in good condition.
- The Penn Avenue Pump Station contains two (2) E/one grinder pumps. The pumps at the Penn Avenue Pump Station were last replaced in 2021. Its force main is 2" PVC totaling approximately 188 LF in length. The force main is in good condition.
- The North Front Street Pump Station contains two (2) E/one grinder pumps. Its force main is 1" PVC totaling approximately 46 LF in length. The force main is in good condition.

The force mains were organized using GIS data. Each force main was assigned a year of installation, diameter, and material. Depths of all force mains were assumed to be a consistent 4 feet of cover. Unit prices were developed based on present day costs (see Appendix C) and indexed back to the year of installation using the historical ENR construction cost indices. Separate unit prices were developed for portions of force mains installed in a roadway and portions of force mains not installed in a roadway. Unit prices include excavation, pipe bedding, installation, backfill, restoration, traffic control, etc.

3.4 Collector & Interceptor Sewers

The general condition of the collector and interceptor sewers is fair. The sewer system is aging, but no serious problems concerning breaks or blockages have occurred. Sewers are under constant inspection and maintenance, and the Authority has completed televising of the entire

system. Much of the sewers were built before the advent of present-day construction materials and techniques, and several sewersheds have substantial quantities of infiltration and inflow. Rehabilitation projects have been implemented to continue to improve the infrastructure. Details relating to the collection and interceptor sewers are included in the asset inventory in Appendix A.

Gravity sewers were organized using GIS data. Each pipe was assigned a year of installation, diameter, material, and depth. Pipe diameter and material were available for nearly all sanitary sewer pipes in the system. KLH assigned year of installation for sanitary sewer improvement projects for which contract documents and drawings were available. However, year of installation was not readily available for the remaining majority of the system. Based on KLH's institutional knowledge of the system, it was determined that the majority of the system that is constructed of VCP pipe would have been part of the original system constructed at the same time as the plant. Year of installation for the remainder of the system was estimated based on the Authority's knowledge of the system. Depths for gravity sewers were assigned based on the average depth of the upstream and downstream manholes. Where manhole depths were unavailable, a depth of 8 feet was assumed. Unit prices were developed based on present day costs (see Appendix C) and indexed back to the year of installation using the historical ENR construction cost indices. Separate unit prices were developed for sewers installed in a roadway and sewers not installed in a roadway. Unit prices include excavation, pipe bedding, installation, backfill, restoration, traffic control, etc.

Manholes were also organized using GIS data. Each manhole was assigned a year of installation, diameter, and depth. Diameter and depth were available for nearly all manholes in the system. KLH assigned year of installation for manholes using the same methodology discussed for the sanitary sewers above. Where manhole depths were unavailable, a depth of 8 feet was assumed. Unit prices were developed based on present day costs (see Appendix C) and indexed back to the year of installation using the historical ENR construction cost indices. Separate unit prices were developed for manholes installed in a roadway and manholes not installed in a roadway. Unit prices include excavation, stone subbase, installation, backfill, restoration, traffic control, etc.

Service laterals were assumed to be 25 feet long, made of 6" VCP, and installed out of the roadway. Greenville Sanitary Authority services a total of 4,007 customers in Greenville Borough (2,268), Hempfield Township (1,168), and West Salem Township (571). Only Greenville Borough customer laterals included. Unit prices were developed based on present day costs (see Appendix C) and indexed back to the year of installation using the historical ENR construction cost indices. Unit prices include excavation, pipe bedding, installation, backfill, restoration, traffic control, etc.

3.5 Equipment

The Greenville Sanitary Authority owns various equipment, supplies, and vehicles that would be included in the sale. This includes treatment plant backup pumps and motors, miscellaneous treatment plant equipment and supplies, laboratory equipment, collection system backup pumps, collection system manhole supplies, miscellaneous collection system supplies, major equipment, and vehicles. A summary listing of the equipment, supplies, and vehicles is included in the asset inventory in Appendix A. A more detailed breakdown provided by the Greenville Sanitary Authority is included in Appendix E.

4.0 CONCLUSION

Sanitary sewer system assets include land and rights-of-way, pump station structures and improvements, WWTP structures and improvements, force mains, gravity sewers, manholes, laterals, pump station pumping equipment, equipment, and vehicles with original costs totaling \$12,895,187.45.

APPENDIX A

GREENVILLE SANITARY AUTHORITY
ASSET INVENTORY

Greenville Sanitary Authority, Mercer County, Pennsylvania
Original Cost of Sanitary Sewer System
February 2024

Account No.	Description	Original Cost
353.2	Land and Rights-of-Way	\$ 276.00
354	Pump Station Structures and Improvements	\$ 42,180.28
380	Structures and Improvements - Treatment and Disposal Facilities	\$ 8,389,226.19
360.2	Pump Station Force Mains	\$ 22,392.40
361.2	Collection Sewers - Gravity Sewers	\$ 3,221,022.93
362.2	Collection Sewers - Manholes	\$ 316,859.45
363.2	Services to Customers - Laterals	\$ 456,855.69
371	Pump Station Pumping Equipment	\$ 13,345.24
389	Equipment & Vehicles	\$ 433,029.27
TOTAL		\$ 12,895,187.45

Greenville Sanitary Authority, Mercer County, Pennsylvania
Original Cost of Sanitary Sewer System
February 2024
Account No. 353.2 Land and Right-of-Ways

Account No.	Notes	Description		Year Acquired	Quantity	Units	Unit Price	Current ENR Construction Cost Index	Old ENR Construction Cost Index	Original Cost
353.2		Land and Right-of-Ways								
	1	Greenville Wastewater Treatment Plant Property (Tax Parcel ID No. 09 069 001)		1987	1	Property	\$ -	---	---	\$ -
	2	Easements	Tax Parcel ID	Address						
			1 55 536 050	GREENVILLE DR & MEHARD A	N/A	1	Easement \$ 1.00	---	---	\$ 1.00
			2 55 536 047	7 E GREENVILLE DR HS SH	N/A	1	Easement \$ 1.00	---	---	\$ 1.00
			3 55 536 041	7 E GREENVILLE DR	N/A	1	Easement \$ 1.00	---	---	\$ 1.00
			4 55 536 036	104 MEHARD AVE	N/A	1	Easement \$ 1.00	---	---	\$ 1.00
			5 55 536 027	MANOR VIEW HS	N/A	1	Easement \$ 1.00	---	---	\$ 1.00
			6 55 536 026	6 MANOR VIEW DR HS GR	N/A	1	Easement \$ 1.00	---	---	\$ 1.00
			7 55 536 023	OLD FREDONIA RD	N/A	1	Easement \$ 1.00	---	---	\$ 1.00
			8 55 536 010	MANORVIEW DR HS	N/A	1	Easement \$ 1.00	---	---	\$ 1.00
			9 55 536 009	MANOR VIEW DR LOTS 28 &	N/A	1	Easement \$ 1.00	---	---	\$ 1.00
			10 55 535 026	S PARK BLVD	N/A	1	Easement \$ 1.00	---	---	\$ 1.00
			11 55 535 015	25 ARGUS LOT 2 HS GR	N/A	1	Easement \$ 1.00	---	---	\$ 1.00
			12 55 535 010	HS GR SW P LOT 8	N/A	1	Easement \$ 1.00	---	---	\$ 1.00
			13 55 535 008	VALLEY VIEW DR HS GR	N/A	1	Easement \$ 1.00	---	---	\$ 1.00
			14 55 535 006	14 NEWS ST HS GR	N/A	1	Easement \$ 1.00	---	---	\$ 1.00
			15 55 535 005	18 NEWS ST HS GR	N/A	1	Easement \$ 1.00	---	---	\$ 1.00
			16 55 535 004	17 NEWS ST 192X180 HS	N/A	1	Easement \$ 1.00	---	---	\$ 1.00
			17 55 535 002	N PARK	N/A	1	Easement \$ 1.00	---	---	\$ 1.00
			18 55 534 015	59 ROSEDALE AVE HS GR S5	N/A	1	Easement \$ 1.00	---	---	\$ 1.00
			19 55 534 014	57 ROSEDALE AVE HS	N/A	1	Easement \$ 1.00	---	---	\$ 1.00
			20 55 533 009	13 E STEWART AVE	N/A	1	Easement \$ 1.00	---	---	\$ 1.00
			21 55 532 077	240 S MERCER ST	N/A	1	Easement \$ 1.00	---	---	\$ 1.00
			22 55 532 073	13 HITTLE 40X120 HS GR	N/A	1	Easement \$ 1.00	---	---	\$ 1.00
			23 55 532 058	196 198 S MERCER ST HS G	N/A	1	Easement \$ 1.00	---	---	\$ 1.00
			24 55 532 057	182 192 S MERCER ST GR	N/A	1	Easement \$ 1.00	---	---	\$ 1.00
			25 55 532 027	12 COLUMBIA PARK	N/A	1	Easement \$ 1.00	---	---	\$ 1.00
			26 55 532 010	167 COLUMBIA AVE	N/A	1	Easement \$ 1.00	---	---	\$ 1.00
			27 55 531 029	17 HAMBURG RD HS	N/A	1	Easement \$ 1.00	---	---	\$ 1.00
			28 55 531 028	HAMBURG RD	N/A	1	Easement \$ 1.00	---	---	\$ 1.00
			29 55 531 027	54 LEBANON AVE	N/A	1	Easement \$ 1.00	---	---	\$ 1.00
			30 55 531 023	241 S MERCER ST	N/A	1	Easement \$ 1.00	---	---	\$ 1.00
			31 55 531 002	181 S MERCER ST	N/A	1	Easement \$ 1.00	---	---	\$ 1.00
			32 55 531 001	179 S MERCER AUTO BODY S	N/A	1	Easement \$ 1.00	---	---	\$ 1.00
			33 55 530 113	161 COLUMBIA AVE HS GR	N/A	1	Easement \$ 1.00	---	---	\$ 1.00
			34 55 530 101	20 ELM ST HS GR	N/A	1	Easement \$ 1.00	---	---	\$ 1.00
			35 55 530 075	130 S MERCER ST	N/A	1	Easement \$ 1.00	---	---	\$ 1.00
			36 55 530 041	7 STEWART AVE HS GR	N/A	1	Easement \$ 1.00	---	---	\$ 1.00
			37 55 529 137	122 TO 126 LAIRD CAMP	N/A	1	Easement \$ 1.00	---	---	\$ 1.00
			38 55 529 126	YORK ST	N/A	1	Easement \$ 1.00	---	---	\$ 1.00
			39 55 529 121	27 YORK 50 50.03X116.94	N/A	1	Easement \$ 1.00	---	---	\$ 1.00
			40 55 529 086	25 YORK HS	N/A	1	Easement \$ 1.00	---	---	\$ 1.00
			41 55 529 085 001	23 YORK ST	N/A	1	Easement \$ 1.00	---	---	\$ 1.00
			42 55 529 081	WILLOW WAY	N/A	1	Easement \$ 1.00	---	---	\$ 1.00
			43 55 529 078	REAR WILLOW WAY	N/A	1	Easement \$ 1.00	---	---	\$ 1.00
			44 55 529 073	6 PARK AVE HS GR	N/A	1	Easement \$ 1.00	---	---	\$ 1.00
			45 55 529 068 053	LEBANON AVE LOT 53	N/A	1	Easement \$ 1.00	---	---	\$ 1.00
			46 55 529 049	8 YORK ST HS	N/A	1	Easement \$ 1.00	---	---	\$ 1.00
			47 55 529 011	103 S MERCER LOT 72X150/	N/A	1	Easement \$ 1.00	---	---	\$ 1.00
			48 55 529 008	97 S MERCER STREET	N/A	1	Easement \$ 1.00	---	---	\$ 1.00
			49 55 528 022	CLARKSVILLE ST RT 18	N/A	1	Easement \$ 1.00	---	---	\$ 1.00
			50 55 528 010	29 LINCOLN AVE HS GR	N/A	1	Easement \$ 1.00	---	---	\$ 1.00

				251	09 303 069	251 S MERCER ST	N/A	1	Easement	\$	1.00	---	---	\$	1.00	
				252	09 303 068	249 S MERCER ST	N/A	1	Easement	\$	1.00	---	---	\$	1.00	
				253	09 303 067	247 S MERCER ST	N/A	1	Easement	\$	1.00	---	---	\$	1.00	
				254	09 303 066	245 S MERCER ST	N/A	1	Easement	\$	1.00	---	---	\$	1.00	
				255	09 303 065	10 MOWRY ST	N/A	1	Easement	\$	1.00	---	---	\$	1.00	
				256	09 303 052	34 HAMBURG RD	N/A	1	Easement	\$	1.00	---	---	\$	1.00	
				257	09 303 034	HAMBURG RD	N/A	1	Easement	\$	1.00	---	---	\$	1.00	
				258	09 303 026	19 HUDSON DR	N/A	1	Easement	\$	1.00	---	---	\$	1.00	
				259	09 069 001	HAMBURG RD	N/A	1	Easement	\$	1.00	---	---	\$	1.00	
				260	09 056 236 009	HAMBURG RD	N/A	1	Easement	\$	1.00	---	---	\$	1.00	
				261	09 056 235 001	WAUGH AVE	N/A	1	Easement	\$	1.00	---	---	\$	1.00	
				262	09 056 235	OFF HAMBURG RD	N/A	1	Easement	\$	1.00	---	---	\$	1.00	
				263	09 056 234	HAMBURG RD	N/A	1	Easement	\$	1.00	---	---	\$	1.00	
				264	09 056 233	38 LANCASTER AVE	N/A	1	Easement	\$	1.00	---	---	\$	1.00	
				265	09 056 232	36 YORK ST	N/A	1	Easement	\$	1.00	---	---	\$	1.00	
				266	09 056 093	35 SHERRARD AVE	N/A	1	Easement	\$	1.00	---	---	\$	1.00	
				267	09 056 083	33 BENTLEY AVE	N/A	1	Easement	\$	1.00	---	---	\$	1.00	
				268	09 043 139	HADLEY RD	N/A	1	Easement	\$	1.00	---	---	\$	1.00	
				269	09 043 138	HADLEY RD	N/A	1	Easement	\$	1.00	---	---	\$	1.00	
				270	09 043 136	OFF HADLEY RD	N/A	1	Easement	\$	1.00	---	---	\$	1.00	
				271	09 043 128	FOURTH AVE	N/A	1	Easement	\$	1.00	---	---	\$	1.00	
				272	09 043 127	FOURTH AVE	N/A	1	Easement	\$	1.00	---	---	\$	1.00	
				273	09 043 125	N MAIN ST	N/A	1	Easement	\$	1.00	---	---	\$	1.00	
				274	09 043 124 001	N MAIN ST	N/A	1	Easement	\$	1.00	---	---	\$	1.00	
				275	09 043 124	16 LEECH RD	N/A	1	Easement	\$	1.00	---	---	\$	1.00	
				276	09 043 012	RIGHT OF WAY	N/A	1	Easement	\$	1.00	---	---	\$	1.00	
														TOTAL Account No. 353.2 Land and Rights-of-Way		\$ 276.00

Notes:

1. Greenville Wastewater Treatment Plant Property was gifted to GSA.
2. Cost of easements assumed to be \$1.00 each at the time of acquisition.

Greenville Sanitary Authority, Mercer County, Pennsylvania
Original Cost of Sanitary Sewer System
February 2024
Account No. 354 Pump Station Structures and Improvements

Account No.	Notes	Description	Year Constructed	Quantity	Units	Unit Price May 2023	Current Evaluation	Current ENR Construction Cost Index	Old ENR Construction Cost Index	Original Cost
354		Pump Station Structures and Improvements								
	1	Barrett Street Pump Station	1997							
		Site Grading and Clearing		1	Lump Sum	\$ 2,533.90	\$ 2,533.90	13288	5838	\$ 1,113.23
		Erosion and Sedimentation Pollution Control		1	Lump Sum	\$ 1,520.34	\$ 1,520.34	13288	5838	\$ 667.94
		Stone		1	Lump Sum	\$ 3,420.76	\$ 3,420.76	13288	5838	\$ 1,502.86
		Excavation and Backfill		1	Lump Sum	\$ 1,013.56	\$ 1,013.56	13288	5838	\$ 445.29
		Grinder Pump Basin		2	Each	\$ 2,027.12	\$ 4,054.24	13288	5838	\$ 1,781.17
		Site Fence		1	Lump Sum	\$ 7,297.63	\$ 7,297.63	13288	5838	\$ 3,206.10
		Pump Controls		1	Lump Sum	\$ 2,027.12	\$ 2,027.12	13288	5838	\$ 890.58
		Electrical Service		1	Lump Sum	\$ 10,135.59	\$ 10,135.59	13288	5838	\$ 4,452.92
						Subtotal	\$ 32,003.14		Subtotal	\$ 14,060.09
	1	Penn Avenue Pump Station	1997							
		Site Grading and Clearing		1	Lump Sum	\$ 2,533.90	\$ 2,533.90	13288	5838	\$ 1,113.23
		Erosion and Sedimentation Pollution Control		1	Lump Sum	\$ 1,520.34	\$ 1,520.34	13288	5838	\$ 667.94
		Stone		1	Lump Sum	\$ 3,420.76	\$ 3,420.76	13288	5838	\$ 1,502.86
		Excavation and Backfill		1	Lump Sum	\$ 1,013.56	\$ 1,013.56	13288	5838	\$ 445.29
		Grinder Pump Basin		2	Each	\$ 2,027.12	\$ 4,054.24	13288	5838	\$ 1,781.17
		Site Fence		1	Lump Sum	\$ 7,297.63	\$ 7,297.63	13288	5838	\$ 3,206.10
		Pump Controls		1	Lump Sum	\$ 2,027.12	\$ 2,027.12	13288	5838	\$ 890.58
		Electrical Service		1	Lump Sum	\$ 10,135.59	\$ 10,135.59	13288	5838	\$ 4,452.92
						Subtotal	\$ 32,003.14		Subtotal	\$ 14,060.09
	1	North Front Street Pump Station	1997							
		Site Grading and Clearing		1	Lump Sum	\$ 2,533.90	\$ 2,533.90	13288	5838	\$ 1,113.23
		Erosion and Sedimentation Pollution Control		1	Lump Sum	\$ 1,520.34	\$ 1,520.34	13288	5838	\$ 667.94
		Stone		1	Lump Sum	\$ 3,420.76	\$ 3,420.76	13288	5838	\$ 1,502.86
		Excavation and Backfill		1	Lump Sum	\$ 1,013.56	\$ 1,013.56	13288	5838	\$ 445.29
		Grinder Pump Basin		2	Each	\$ 2,027.12	\$ 4,054.24	13288	5838	\$ 1,781.17
		Site Fence		1	Lump Sum	\$ 7,297.63	\$ 7,297.63	13288	5838	\$ 3,206.10
		Pump Controls		1	Lump Sum	\$ 2,027.12	\$ 2,027.12	13288	5838	\$ 890.58
		Electrical Service		1	Lump Sum	\$ 10,135.59	\$ 10,135.59	13288	5838	\$ 4,452.92
						Subtotal	\$ 32,003.14		Subtotal	\$ 14,060.09
TOTAL Account No. 354 Pump Station Structures and Improvements										\$ 42,180.28

Notes:
1. All pump stations have identical footprints. All pump stations are equipped with identical E/one grinder pumps.

Greenville Sanitary Authority, Mercer County, Pennsylvania
Original Cost of Sanitary Sewer System
February 2024
Account No. 380 Structures and Improvements - Treatment and Disposal Facilities

Account No.	Notes	Description	Year Constructed	Quantity	Units	Unit Price	Current Evaluation	Current ENR Construction Cost Index	Old ENR Construction Cost Index	Original Cost
380		Structures and Improvements - Treatment and Disposal Facilities								
	1	Greenville Wastewater Treatment Plant								
	2	Original Construction								
		Administration Building	1960	1	Lump Sum	\$ 100,696.85	---	---	---	\$ 100,696.85
		Comminutor	1960	1	Lump Sum	\$ 8,950.83	---	---	---	\$ 8,950.83
		Raw Sewage Pump Station	1960	1	Lump Sum	\$ 125,311.63	---	---	---	\$ 125,311.63
		Primary Settling Tanks	1960	1	Lump Sum	\$ 83,914.04	---	---	---	\$ 83,914.04
		Secondary Settling Tanks	1960	1	Lump Sum	\$ 95,102.58	---	---	---	\$ 95,102.58
		Trickling Filter No. 1	1960	1	Lump Sum	\$ 139,856.73	---	---	---	\$ 139,856.73
		Trickling Filter No. 2	1960	1	Lump Sum	\$ 148,807.56	---	---	---	\$ 148,807.56
		Digester No. 1	1960	1	Lump Sum	\$ 132,024.76	---	---	---	\$ 132,024.76
		Digester No. 2	1960	1	Lump Sum	\$ 138,737.88	---	---	---	\$ 138,737.88
		Sludge Drying Beds	1960	1	Lump Sum	\$ 44,754.15	---	---	---	\$ 44,754.15
		Recirculation (Trickling Filter) Pump Station	1960	1	Lump Sum	\$ 89,508.31	---	---	---	\$ 89,508.31
		Chlorination Facilities	1960	1	Lump Sum	\$ 11,188.54	---	---	---	\$ 11,188.54
		Digester Modifications	1972	1	Lump Sum	\$ 24,085.53	---	---	---	\$ 24,085.53
		Comminutor Replacement	1981	1	Lump Sum	\$ 41,613.00	---	---	---	\$ 41,613.00
		Demolition of 1960 Comminutor	1960	1	Lump Sum	\$ (8,950.83)	---	---	---	\$ (8,950.83)
		Storage Building	1981	1	Lump Sum	\$ 44,592.00	---	---	---	\$ 44,592.00
		Raw Sewage Pumping Modifications	1982	1	Lump Sum	\$ 26,558.45	---	---	---	\$ 26,558.45
		WWTP Site Paving	1984	1	Lump Sum	\$ 80,903.69	---	---	---	\$ 80,903.69
		Flow Measurement and Sewage Sampling Equipment	1984	1	Lump Sum	\$ 12,329.00	---	---	---	\$ 12,329.00
		Sludge Lagoons	1985	1	Lump Sum	\$ 227,084.00	---	---	---	\$ 227,084.00
		Digester No. 1 Repairs	1986	1	Lump Sum	\$ 72,500.00	---	---	---	\$ 72,500.00
	3	WWTP Expansion and Upgrades								
		Administration Building Window and Door Replacement	1994	1	Lump Sum	\$ 35,156.76	---	---	---	\$ 35,156.76
		Demolition of 1960 Administration Building Windows and Doors	1960	1	Lump Sum	\$ (5,356.73)	---	5408	824	\$ (5,356.73)
		Sludge Dewatering Facilities	1994	1	Lump Sum	\$ 761,729.80	---	---	---	\$ 761,729.80
		Primary Settling Tank Chain and Flight Replacement	1994	1	Lump Sum	\$ 292,973.00	---	---	---	\$ 292,973.00
		Demolition of 1960 Primary Settling Tank Chain and Flight	1960	1	Lump Sum	\$ (44,639.38)	---	5408	824	\$ (44,639.38)
		Recirculation (Trickling Filter) Pump Station Door and Window Replacement	1994	1	Lump Sum	\$ 23,437.84	---	---	---	\$ 23,437.84
		Demolition of 1960 Recirculation (Trickling Filter) Pump Station Door and Window	1960	1	Lump Sum	\$ (3,571.15)	---	5408	824	\$ (3,571.15)
		Recirculation (Trickling Filter) Pump Station Pump Replacement and Piping Modifications	1994	1	Lump Sum	\$ 117,189.20	---	---	---	\$ 117,189.20
		Demolition of 1960 Recirculation (Trickling Filter) Pump Station Pumps and Piping	1960	1	Lump Sum	\$ (17,855.75)	---	5408	824	\$ (17,855.75)
		Replace Trickling Filter Distributor Arms	1994	1	Lump Sum	\$ 234,378.40	---	---	---	\$ 234,378.40
		Demolition of 1960 Trickling Filter Distributor Arms	1960	1	Lump Sum	\$ (35,711.50)	---	5408	824	\$ (35,711.50)
		Trickling Filter Bridge	1994	1	Lump Sum	\$ 93,751.36	---	---	---	\$ 93,751.36
		Remove Secondary Settling Tank Chain and Flight Systems	1994	1	Lump Sum	\$ (19,020.52)	---	---	---	\$ (19,020.52)
		Convert Secondary Settling Tanks to Aeration Tanks	1994	1	Lump Sum	\$ 123,048.66	---	---	---	\$ 123,048.66
		Bypass Pump Station	1994	1	Lump Sum	\$ 761,729.80	---	---	---	\$ 761,729.80
		Sludge Thickener	1994	1	Lump Sum	\$ 703,135.20	---	---	---	\$ 703,135.20
		Flocculator Clarifier No. 1	1994	1	Lump Sum	\$ 966,810.90	---	---	---	\$ 966,810.90
		Flocculator Clarifier No. 2	1994	1	Lump Sum	\$ 996,108.20	---	---	---	\$ 996,108.20
		Chlorine Contact Tank	1994	1	Lump Sum	\$ 363,286.52	---	---	---	\$ 363,286.52
		Chemical Storage Building	1994	1	Lump Sum	\$ 351,567.60	---	---	---	\$ 351,567.60
		Sludge Drying Beds Modifications	1994	1	Lump Sum	\$ 35,156.76	---	---	---	\$ 35,156.76
		Upgrade of Raw Sewage Pumps and Controls	1999	1	Lump Sum	\$ 148,500.00	---	---	---	\$ 148,500.00
		Raw Sewage Grinders	2004	1	Lump Sum	\$ 82,037.00	---	---	---	\$ 82,037.00
		Demolition of 1981 Comminutor	1981	1	Lump Sum	\$ (41,613.00)	---	---	---	\$ (41,613.00)
		Anaerobic Digester Cover Replacement	2007	1	Lump Sum	\$ 337,000.00	---	---	---	\$ 337,000.00
		Demolition of 1960 Anaerobic Digester Cover	1960	1	Lump Sum	\$ (34,859.15)	---	7966	824	\$ (34,859.15)
		WWTP Roof Replacement	2008	1	Lump Sum	\$ 42,893.00	---	---	---	\$ 42,893.00
		Demolition of 1960 WWTP Roof	1960	1	Lump Sum	\$ (4,253.17)	---	8310	824	\$ (4,253.17)
		Primary Clarifier Equipment Replacement	2009	1	Lump Sum	\$ 35,800.00	---	---	---	\$ 35,800.00
		Demolition of 1994 Primary Clarifier Equipment	1994	1	Lump Sum	\$ (22,591.18)	---	8570	5408	\$ (22,591.18)
		Influent Metering & Valves	2011	1	Lump Sum	\$ 55,000.00	---	---	---	\$ 55,000.00
		Rebuild Heat Exchanger	2013	1	Lump Sum	\$ 115,000.00	---	---	---	\$ 115,000.00
		Garage Expansion and Raw Sewage Pump Station Roof Construction	2013	1	Lump Sum	\$ 235,550.00	---	---	---	\$ 235,550.00
		Admin Building Roof Stairs	2014	1	Lump Sum	\$ 53,429.00	---	---	---	\$ 53,429.00
		Chlorination Rehabilitation	2022	1	Lump Sum	\$ 14,460.00	---	---	---	\$ 14,460.00
TOTAL Account No. 380 Structures and Improvements - Treatment and Disposal Facilities										\$ 8,389,226.19

Notes:

1. All costs for the Wastewater Treatment Plant represent original construction costs at the time of construction.
2. Estimated 1960 WWTP construction cost breakdown.
3. Estimated 1994 WWTP construction cost breakdown.

Greenville Sanitary Authority, Mercer County, Pennsylvania
Original Cost of Sanitary Sewer System
February 2024
Account No. 360.2 Pump Station Force Mains

Account No.	Notes	Description	Length in Road (LF)	Length Out of Road (LF)	Diameter (in)	Pipe Material	Year Constructed	Cost per LF in Roadway	Cost per LF Out of Roadway	Current Evaluation	Current ENR Construction Cost Index	Old ENR Construction Cost Index	Original Cost
360.2		Pump Station Force Mains											
	1,2,3,4	Barrett Street Pump Station Force Main	20	291	2	PVC	1997	\$ 106.42	\$ 92.91	\$ 29,165.17	13288	5838	\$ 12,813.28
	1,2,3,4	Penn Avenue Pump Station Force Main	15	173	2	PVC	1997	\$ 106.42	\$ 92.91	\$ 17,669.72	13288	5838	\$ 7,762.92
	1,2,3,4	North Front Street Pump Station Force Main	0	46	1	PVC	1997	\$ 103.38	\$ 89.87	\$ 4,133.97	13288	5838	\$ 1,816.20
TOTAL Account No. 360.2 Pump Station Force Mains													\$ 22,392.40

Notes:

1. Total length of force mains obtained from Greenville Sanitary Authority GIS data. Length of force mains in roadway estimated based on aerial mapping. Remainder assumed out of roadway.
2. All force mains assumed to have consistent 4' depth.
3. Refer to Appendix C for unit cost breakdown.
4. Unit prices include excavation, pipe bedding, installation, backfill, restoration, traffic control, etc.

Greenville Sanitary Authority, Mercer County, Pennsylvania
Original Cost of Sanitary Sewer System
February 2024
Account No. 361.2 Collection Sewers - Gravity Sewers

Account No.	Notes	ID	Length (LF)	Diameter (in)	Pipe Material	Upstream Manhole	Downstream Manhole	Average Depth	In Road?	Year Constructed	Pipe Cost	Backfill Cost	Asphalt Restoration Cost	Lawn Restoration Cost	Current Evaluation	Current ENR Construction Cost Index	Old ENR Construction Cost Index	Original Cost
361.2	1,2,3,4,5	Collection Sewers - Gravity																
		1	339.5	8	VCP	MH-491	MH-492	5.77	Yes	1960	\$ 44,729.46	\$ 8,823.55	\$ 12,488.57	\$ -	\$ 66,041.58	13288	824	\$ 4,095.21
		2	290.5	8	VCP	MH-489B	MH-489	7.72	Yes	1960	\$ 38,275.53	\$ 10,102.12	\$ 10,686.61	\$ -	\$ 59,064.27	13288	824	\$ 3,662.55
		3	124.0	8	VCP	MH-481	MH-480	8.00	Yes	1960	\$ 16,343.83	\$ 4,470.11	\$ 4,563.23	\$ -	\$ 25,377.17	13288	824	\$ 1,573.63
		4	233.1	8	VCP	MH-463	MH-462	8.83	Yes	1960	\$ 32,133.51	\$ 9,267.26	\$ 8,575.94	\$ -	\$ 49,976.72	13288	824	\$ 3,099.04
		5	807.5	8	VCP	MH-421	MH-420	8.00	Yes	1960	\$ 106,395.53	\$ 29,099.63	\$ 29,705.87	\$ -	\$ 165,201.04	13288	824	\$ 10,244.05
		6	144.1	8	VCP	MH-458	MH-457	8.00	Yes	1960	\$ 18,981.14	\$ 5,191.42	\$ 5,299.58	\$ -	\$ 29,472.14	13288	824	\$ 1,827.55
		7	159.5	8	VCP	MH-394	MH-390	9.48	Yes	1960	\$ 21,991.59	\$ 6,813.08	\$ 5,869.21	\$ -	\$ 34,673.88	13288	824	\$ 2,150.11
		8	277.2	8	VCP	MH-388	MH-387	6.23	Yes	1960	\$ 36,526.38	\$ 7,773.56	\$ 10,198.25	\$ -	\$ 54,498.19	13288	824	\$ 3,379.41
		9	413.4	8	VCP	MH-387	MH-386	7.72	Yes	1960	\$ 54,471.04	\$ 14,376.63	\$ 15,208.44	\$ -	\$ 84,056.11	13288	824	\$ 5,212.28
		10	67.7	8	VCP	MH-386	MH-385	11.77	Yes	1960	\$ 9,334.03	\$ 3,588.72	\$ 2,491.11	\$ -	\$ 15,413.86	13288	824	\$ 955.81
		11	338.8	8	VCP	MH-385	MH-389	10.27	Yes	1960	\$ 46,702.09	\$ 15,674.20	\$ 12,464.06	\$ -	\$ 74,840.35	13288	824	\$ 4,640.82
		12	153.2	8	VCP	MH-390	MH-389	8.00	Yes	1960	\$ 20,189.26	\$ 5,521.85	\$ 5,636.89	\$ -	\$ 31,347.99	13288	824	\$ 1,943.88
		13	149.9	6	VCP	MH-391	MH-390	6.33	Yes	1960	\$ 18,993.47	\$ 4,004.46	\$ 5,318.17	\$ -	\$ 28,316.09	13288	824	\$ 1,755.87
		14	152.3	6	VCP	MH-392	MH-391	5.55	Yes	1960	\$ 19,301.35	\$ 3,570.75	\$ 5,404.38	\$ -	\$ 28,276.48	13288	824	\$ 1,753.41
		15	185.1	6	VCP	MH-393	MH-392	7.23	Yes	1960	\$ 23,450.82	\$ 5,647.74	\$ 6,566.23	\$ -	\$ 35,664.79	13288	824	\$ 2,211.56
		16	293.9	10	PVC	MH-385	MH-383	8.00	Yes	1990	\$ 44,092.65	\$ 11,247.85	\$ 11,199.71	\$ -	\$ 66,540.20	13288	4732	\$ 23,695.20
		17	295.0	8	VCP	MH-384	MH-383	5.73	Yes	1960	\$ 38,868.07	\$ 7,607.51	\$ 10,852.05	\$ -	\$ 57,327.64	13288	824	\$ 3,554.86
		18	385.2	10	VCP	MH-383	C382A	5.73	Yes	1960	\$ 57,781.77	\$ 10,554.83	\$ 14,676.80	\$ -	\$ 83,013.40	13288	824	\$ 5,147.63
		19	147.7	10	VCP	Y382	MH-381	6.71	Yes	1960	\$ 22,149.94	\$ 4,738.66	\$ 5,626.17	\$ -	\$ 32,514.78	13288	824	\$ 2,016.23
		20	126.1	10	VCP	MH-381	MH-380	6.40	Yes	1960	\$ 18,920.40	\$ 3,860.61	\$ 4,805.86	\$ -	\$ 27,586.87	13288	824	\$ 1,710.65
		21	180.6	8	VCP	MH-396	MH-395	6.49	Yes	1960	\$ 23,796.27	\$ 5,275.86	\$ 6,643.97	\$ -	\$ 35,716.09	13288	824	\$ 2,214.74
		22	94.9	8	VCP	MH-394A	MH-394	9.48	Yes	1960	\$ 13,085.98	\$ 4,054.09	\$ 3,492.45	\$ -	\$ 20,632.52	13288	824	\$ 1,279.41
		23	311.7	8	VCP	MH-404	MH-403	10.83	Yes	1960	\$ 42,970.58	\$ 15,201.19	\$ 11,468.18	\$ -	\$ 69,639.96	13288	824	\$ 4,318.34
		24	303.0	8	VCP	MH-403	<Null>	10.83	Yes	1960	\$ 41,769.33	\$ 14,776.24	\$ 11,147.59	\$ -	\$ 67,693.16	13288	824	\$ 4,197.62
		25	308.4	12	VCP	MH-402	MH-401	10.21	Yes	1960	\$ 52,196.22	\$ 15,947.98	\$ 12,154.81	\$ -	\$ 80,299.01	13288	824	\$ 4,979.31
		26	564.3	8	VCP	LH-406	MH-400	8.64	Yes	1960	\$ 77,790.69	\$ 21,951.72	\$ 20,761.13	\$ -	\$ 120,503.54	13288	824	\$ 7,472.37
		27	404.6	12	VCP	MH-401	MH-400	7.43	Yes	1960	\$ 66,020.51	\$ 15,223.67	\$ 15,946.98	\$ -	\$ 97,191.17	13288	824	\$ 6,026.78
		28	247.2	10	VCP	MH-380	MH-379	8.79	Yes	1960	\$ 41,585.15	\$ 10,392.46	\$ 9,417.43	\$ -	\$ 61,395.04	13288	824	\$ 3,807.08
		29	364.9	10	VCP	MH-379	MH-378	10.66	Yes	1960	\$ 61,400.87	\$ 18,610.85	\$ 13,904.93	\$ -	\$ 93,916.65	13288	824	\$ 5,823.73
		30	351.9	10	VCP	MH-378	MH-377	8.04	Yes	1960	\$ 59,199.39	\$ 13,539.78	\$ 13,406.38	\$ -	\$ 86,145.54	13288	824	\$ 5,341.85
		31	78.8	8	PVC	MH-P2-4	MH-P2-3	7.22	No	6/1/1997	\$ 10,387.25	\$ -	\$ -	\$ 1,331.70	\$ 11,718.95	13288	5860	\$ 5,167.94
		32	317.1	8	PVC	MH-P2-3	MH-P2-2	6.96	No	6/1/1997	\$ 41,783.04	\$ -	\$ -	\$ 5,356.80	\$ 47,139.84	13288	5860	\$ 20,788.22
		33	351.8	8	PVC	MH-P2-2	MH-P2-1	9.14	No	6/1/1997	\$ 48,499.29	\$ -	\$ -	\$ 5,943.54	\$ 54,442.83	13288	5860	\$ 24,008.77
		34	11.8	8	PVC	MH-P2-1	PUMP STATION-PS-2	9.19	No	6/1/1997	\$ 1,628.33	\$ -	\$ -	\$ 199.55	\$ 1,827.88	13288	5860	\$ 806.08
		35	135.9	8	VCP	MH-411	MH-400	6.68	Yes	1960	\$ 17,909.46	\$ 4,087.03	\$ 5,000.36	\$ -	\$ 26,996.85	13288	824	\$ 1,674.06
		36	234.7	8	VCP	MH-410	MH-409	5.49	Yes	1960	\$ 30,922.51	\$ 5,798.63	\$ 8,633.64	\$ -	\$ 45,354.78	13288	824	\$ 2,812.43
		37	186.1	8	VCP	MH-409	MH-408	5.42	Yes	1960	\$ 24,519.93	\$ 4,539.33	\$ 6,846.02	\$ -	\$ 35,905.28	13288	824	\$ 2,226.47
		38	441.9	8	VCP	MH-408	MH-408	7.02	Yes	1960	\$ 58,222.06	\$ 13,973.29	\$ 16,255.73	\$ -	\$ 88,451.09	13288	824	\$ 5,484.81
		39	300.5	8	VCP	MH-412	MH-407	6.84	Yes	1960	\$ 39,588.49	\$ 9,250.85	\$ 11,053.20	\$ -	\$ 59,892.54	13288	824	\$ 3,713.91
		40	422.6	8	VCP	MH-420	MH-419	8.00	Yes	1960	\$ 55,685.52	\$ 15,230.23	\$ 15,547.52	\$ -	\$ 86,463.26	13288	824	\$ 5,361.55
		41	325.2	8	VCP	MH-419	MH-418	6.60	Yes	1960	\$ 42,851.84	\$ 9,661.81	\$ 11,964.33	\$ -	\$ 64,477.98	13288	824	\$ 3,998.25
		42	108.6	8	VCP	MH-418	MH-416	4.80	Yes	1960	\$ 14,313.50	\$ 2,346.44	\$ 3,996.36	\$ -	\$ 20,656.30	13288	824	\$ 1,280.89
		43	193.8	8	VCP	MH-416	MH-412A	6.20	Yes	1960	\$ 25,538.44	\$ 5,413.28	\$ 7,130.39	\$ -	\$ 38,082.11	13288	824	\$ 2,361.46
		44	142.9	8	VCP	MH-412A	MH-443	8.00	Yes	1960	\$ 18,835.21	\$ 5,151.51	\$ 5,258.83	\$ -	\$ 29,245.55	13288	824	\$ 1,813.50
		45	308.5	8	VCP	MH-407	MH-397	7.87	Yes	1960	\$ 40,648.83	\$ 10,930.02	\$ 11,349.25	\$ -	\$ 62,928.09	13288	824	\$ 3,902.14
		46	305.1	8	VCP	MH-397	mh-376	8.00	Yes	1960	\$ 40,200.53	\$ 10,995.02	\$ 11,224.08	\$ -	\$ 62,419.62	13288	824	\$ 3,870.61
		47	182.4	10	VCP	MH-444	MH-443	8.00	Yes	1960	\$ 27,357.70	\$ 6,983.20	\$ 6,948.97	\$ -	\$ 41,289.87	13288	824	\$ 2,560.37
		48	296.7	10	VCP	MH-443	MH-442	8.00	Yes	1960	\$ 44,507.08	\$ 11,360.67	\$ 11,304.98	\$ -	\$ 67,172.72	13288	824	\$ 4,165.35
		49	297.4	10	VCP	MH-442	MH-441	8.00	Yes	1960	\$ 44,615.12	\$ 11,388.24	\$ 11,332.42	\$ -	\$ 67,335.78	13288	824	\$ 4,175.46
		50	308.8	10	VCP	MH-441	MH-440	9.58	Yes	1960	\$ 51,959.50	\$ 14,160.18	\$ 11,766.82	\$ -	\$ 77,886.50	13288	824	\$ 4,829.71
		51	204.2	12	VCP	MH-400	MH-399	8.02	Yes	1960	\$ 34,565.51	\$ 8,294.69	\$ 8,049.19	\$ -	\$ 50,909.39	13288	824	\$ 3,156.87
		52	457.4	12	VCP	MH-399	MH-398	7.27	Yes	1960	\$ 74,640.90	\$ 16,852.15	\$ 18,029.20	\$ -	\$ 109,522.25	13288	824	\$ 6,791.43
		53	396.0	12	VCP	MH-398	MH-397	7.89	Yes	1960	\$ 64,628.44	\$ 15,835.98	\$ 15,610.74	\$ -	\$ 96,075.15	13288	824	\$ 5,957.58
		54	202.3	8	VCP	MH-434	<Null>	6.47	Yes	1960	\$ 26,649.56	\$ 5,890.24	\$ 7,440.62	\$ -	\$ 39,980.41	13288	824	\$ 2,479.17
		55	198.8	8	VCP	MH-434A	<Null>	6.76	Yes	1960	\$ 26,188.55	\$ 6,052.47	\$ 7,311.90	\$ -	\$ 39,552.92	13288	824	\$ 2,452.66
		56	199.0	10	VCP	MH-436	MH-435	10.54	Yes	1960	\$ 33,488.86	\$ 10,036.29	\$ 7,583.93	\$ -	\$ 51,109.09	13288	824	\$ 3,169.25
		57	260.5	10	VCP	MH-455	MH-433	6.48	Yes	1960	\$ 39,070.05	\$ 8,078.00	\$ 9,923.95	\$ -	\$ 57,071.99	13288	824	\$ 3,539.01
		58	39.0	10	VCP	MH-433	MH-432	7.84	Yes	1960	\$ 5,846.83	\$ 1,462.58	\$ 1,485.12	\$ -	\$ 8,794.53	13288	824	\$ 545.34
		59	265.6	10	VCP	MH-432	MH-431	8.52	Yes	1960	\$ 44,693.11	\$ 10,825.89	\$ 10,121.27	\$ -	\$ 65,640.27	13288	824	\$ 4,070.33
		60	328.1	8	VCP	MH-430	MH-429	6.63	Yes	1960	\$ 43,232.52	\$ 9,799.37	\$ 12,070.62	\$ -	\$ 65,102.51	13288	824	\$ 4,036.98
		61	139.4	10	VCP	MH-431	MH-429	7.31	Yes	1960	\$ 20,917.34	\$ 4,875.41	\$ 5,313.09	\$ -	\$ 31,105.84	13288	824	\$ 1,928.86
		62	520.5	10	VCP	MH-429	MH-428	4.20	Yes	1960	\$ 78,084.41	\$ 10,451.56	\$ 19,833.75	\$ -	\$ 108,369.72	13288	824	\$ 6,719.96
		63	147.1	10	VCP	MH-428	MH-427A	3.28	No	1960	\$ 22,059.68	\$ -	\$ -	\$ 2,484.20	\$ 24,543.88	13288	824	\$ 1,521.96
		64	191.8	10	TRUSS	MH-427A	MH-427	6.06	No	1960	\$ 28,768.40	\$ -	\$ -	\$ 3,239.68	\$ 32,008.08	13288	824	\$ 1,984.81
		65	382.3	20	VCP	MH-437	MH-427	7.39	Yes	1960	\$ 101,514.78	\$ 17,498.17	\$ 17,076.99	\$ -	\$ 136,089.94	13288	824	\$ 8,438.88
		66	493.6	10	VCP	MH-377	mh-378	8.04	Yes</									

79	138.7	8	VCP	MH-453	MH-452	7.39	Yes	1960	\$ 18,275.60	\$ 4,614.20	\$ 5,102.59	\$ -	\$ 27,992.38	13288	824	\$ 1,735.80
80	247.0	8	Unknown	MH-452	MH-451	7.64	Yes	1960	\$ 32,541.13	\$ 8,494.07	\$ 9,085.56	\$ -	\$ 50,120.76	13288	824	\$ 3,107.97
81	400.9	8	VCP	MH-449	<Null>	8.00	Yes	1960	\$ 52,823.55	\$ 14,447.47	\$ 14,748.46	\$ -	\$ 82,019.48	13288	824	\$ 5,085.99
82	307.3	10	VCP	MH-448	MH-447	7.50	Yes	1960	\$ 46,103.59	\$ 11,025.32	\$ 11,710.50	\$ -	\$ 68,839.40	13288	824	\$ 4,268.70
83	44.8	8	VCP	MH-450	MH-448	8.05	Yes	1960	\$ 6,173.57	\$ 1,623.08	\$ 1,647.63	\$ -	\$ 9,444.28	13288	824	\$ 585.64
84	291.8	8	VCP	MH-451	MH-450	7.98	Yes	1960	\$ 38,448.94	\$ 10,483.09	\$ 10,735.03	\$ -	\$ 59,667.06	13288	824	\$ 3,699.93
85	275.1	10	VCP	MH-445	<Null>	11.30	Yes	1960	\$ 46,281.02	\$ 14,870.57	\$ 10,480.87	\$ -	\$ 71,632.45	13288	824	\$ 4,441.90
86	473.6	8	VCP	MH-459	MH-450	7.93	Yes	1960	\$ 62,399.57	\$ 16,917.22	\$ 17,422.10	\$ -	\$ 96,738.88	13288	824	\$ 5,998.74
87	224.6	8	VCP	MH-460	MH-459	7.96	Yes	1960	\$ 29,592.66	\$ 8,048.19	\$ 8,262.34	\$ -	\$ 45,903.18	13288	824	\$ 2,846.44
88	249.7	8	VCP	MH-462	MH-460	8.83	Yes	1960	\$ 34,419.36	\$ 9,926.50	\$ 9,186.00	\$ -	\$ 53,531.86	13288	824	\$ 3,319.49
89	277.4	8	VCP	MH-464	MH-437	8.44	Yes	1960	\$ 38,231.63	\$ 10,544.93	\$ 10,203.43	\$ -	\$ 58,980.00	13288	824	\$ 3,657.32
90	140.6	8	VCP	MH-465	MH-464	8.77	Yes	1960	\$ 19,382.67	\$ 5,551.93	\$ 5,172.94	\$ -	\$ 30,107.54	13288	824	\$ 1,866.96
91	248.1	8	VCP	MH-468	MH-465	7.25	Yes	1960	\$ 32,686.68	\$ 8,096.24	\$ 9,126.20	\$ -	\$ 49,909.12	13288	824	\$ 3,094.84
92	212.5	8	VCP	MH-467	MH-468	8.00	Yes	1960	\$ 27,998.17	\$ 7,657.62	\$ 7,817.15	\$ -	\$ 43,472.93	13288	824	\$ 2,695.74
93	203.9	8	VCP	MH-468	MH-466	7.31	Yes	1960	\$ 26,870.47	\$ 6,710.73	\$ 7,502.30	\$ -	\$ 41,083.50	13288	824	\$ 2,547.57
94	231.3	8	VCP	MH-469	MH-468	7.88	Yes	1960	\$ 30,478.68	\$ 8,205.80	\$ 8,509.72	\$ -	\$ 47,194.20	13288	824	\$ 2,926.49
95	306.7	8	VCP	MH-480	MH-479-DNF	8.00	Yes	1960	\$ 40,412.37	\$ 11,052.96	\$ 11,283.23	\$ -	\$ 62,748.56	13288	824	\$ 3,891.01
96	319.3	8	VCP	MH-479-DNF	MH-477	10.58	Yes	1960	\$ 44,014.33	\$ 15,210.83	\$ 11,746.74	\$ -	\$ 70,971.91	13288	824	\$ 4,400.94
97	368.3	8	VCP	MH-478	<Null>	8.00	Yes	1960	\$ 48,527.34	\$ 13,272.43	\$ 13,548.94	\$ -	\$ 75,348.71	13288	824	\$ 4,672.34
98	309.6	10	VCP	MH-477	MH-476	10.58	Yes	1960	\$ 52,087.72	\$ 15,669.46	\$ 11,795.86	\$ -	\$ 79,553.04	13288	824	\$ 4,933.05
99	32.5	12	TRUSS	MH-475	MH-474	8.00	Yes	1960	\$ 5,295.65	\$ 1,315.69	\$ 1,279.14	\$ -	\$ 7,890.48	13288	824	\$ 489.29
100	161.1	8	VCP	MH-461	MH-460	8.00	Yes	1960	\$ 21,221.90	\$ 5,804.28	\$ 5,925.20	\$ -	\$ 32,951.39	13288	824	\$ 2,043.30
101	312.0	12	TRUSS	MH-474	MH-472A	9.07	Yes	1960	\$ 52,813.88	\$ 14,334.07	\$ 12,298.64	\$ -	\$ 79,446.59	13288	824	\$ 4,926.45
102	496.5	10	VCP	MH-475	MH-473A	8.00	Yes	1960	\$ 74,473.32	\$ 19,009.71	\$ 18,916.52	\$ -	\$ 112,399.55	13288	824	\$ 6,969.85
103	69.1	10	VCP	MH-473A	MH-473	7.84	Yes	1960	\$ 10,361.10	\$ 2,590.18	\$ 2,631.76	\$ -	\$ 15,583.04	13288	824	\$ 966.30
104	96.7	10	VCP	MH-426	MH-473	7.67	Yes	1960	\$ 14,504.66	\$ 3,547.35	\$ 3,684.24	\$ -	\$ 21,736.26	13288	824	\$ 1,347.86
105	182.4	20	VCP	MH-427	MH-426	8.18	Yes	1960	\$ 55,089.21	\$ 9,235.45	\$ 8,147.67	\$ -	\$ 72,472.33	13288	824	\$ 4,493.98
106	154.1	12	TRUSS	MH-472	MH-472A	9.97	Yes	1960	\$ 26,081.51	\$ 7,785.41	\$ 6,073.54	\$ -	\$ 39,940.45	13288	824	\$ 2,476.69
107	157.3	12	TRUSS	MH-472	MH-471	10.05	Yes	1960	\$ 26,625.12	\$ 8,007.47	\$ 6,200.13	\$ -	\$ 40,832.72	13288	824	\$ 2,532.02
108	176.2	12	TRUSS	MH-471	MH-470A	9.33	Yes	1960	\$ 29,817.55	\$ 8,329.27	\$ 6,943.54	\$ -	\$ 45,090.37	13288	824	\$ 2,796.03
109	205.5	15	VCP	MH-426	MH-425	7.83	Yes	1960	\$ 40,196.17	\$ 8,833.26	\$ 8,504.37	\$ -	\$ 57,533.80	13288	824	\$ 3,567.65
110	27.5	15	VCP	MH-425	MH-470	8.25	Yes	1960	\$ 5,936.74	\$ 1,244.78	\$ 1,138.11	\$ -	\$ 8,319.62	13288	824	\$ 515.90
111	25.7	12	TRUSS	MH-470A	MH-470	8.44	Yes	1960	\$ 4,345.52	\$ 1,097.44	\$ 1,011.93	\$ -	\$ 6,454.89	13288	824	\$ 400.26
112	23.7	15	VCP	MH-470	Syphon In Chamber	8.25	No	1960	\$ 5,126.30	\$ -	\$ -	\$ 401.12	\$ 5,527.42	13288	824	\$ 342.75
113	274.8	6	Unknown	Syphon In Chamber	Syphon Out Chamber	8.00	No	1960	\$ 34,814.52	\$ -	\$ -	\$ 4,641.94	\$ 39,456.45	13288	824	\$ 2,446.68
114	274.8	10	Unknown	Syphon In Chamber	Syphon Out Chamber	8.00	No	1960	\$ 41,220.37	\$ -	\$ -	\$ 4,641.93	\$ 45,862.30	13288	824	\$ 2,843.90
115	143.8	8	VCP	MH-487	MH-486	7.81	Yes	1960	\$ 18,948.14	\$ 5,056.08	\$ 5,290.36	\$ -	\$ 29,294.58	13288	824	\$ 1,816.54
116	179.2	8	VCP	MH-485	MH-484	8.00	Yes	1960	\$ 23,606.91	\$ 6,456.59	\$ 6,591.10	\$ -	\$ 36,654.60	13288	824	\$ 2,272.94
117	311.7	8	VCP	MH-488	MH-489	7.30	Yes	1960	\$ 41,068.24	\$ 10,249.51	\$ 11,466.35	\$ -	\$ 62,784.10	13288	824	\$ 3,893.22
118	67.9	8	VCP	MH-489A	<Null>	7.69	Yes	1960	\$ 8,948.59	\$ 2,351.11	\$ 2,498.47	\$ -	\$ 13,798.16	13288	824	\$ 855.62
119	343.0	10	VCP	MH-483	MH-477	10.58	Yes	1960	\$ 57,713.74	\$ 17,361.93	\$ 13,069.93	\$ -	\$ 88,145.60	13288	824	\$ 5,465.87
120	279.4	8	VCP	MH-484	MH-483	8.00	Yes	1960	\$ 36,819.63	\$ 10,070.33	\$ 10,280.12	\$ -	\$ 57,170.08	13288	824	\$ 3,545.09
121	318.4	10	VCP	MH-496	MH-483	8.00	Yes	1960	\$ 47,758.85	\$ 12,190.70	\$ 12,130.94	\$ -	\$ 72,080.49	13288	824	\$ 4,469.68
122	398.3	8	VCP	MH-494	MH-496	8.00	Yes	1960	\$ 52,486.69	\$ 14,355.33	\$ 14,654.40	\$ -	\$ 81,496.42	13288	824	\$ 5,053.56
123	253.6	8	VCP	MH-495	MH-494	8.00	Yes	1960	\$ 33,419.49	\$ 9,140.37	\$ 9,330.80	\$ -	\$ 51,890.66	13288	824	\$ 3,217.72
124	228.7	8	VCP	MH-488	MH-489	7.30	Yes	1960	\$ 30,140.58	\$ 7,522.26	\$ 8,415.32	\$ -	\$ 46,078.16	13288	824	\$ 2,857.29
125	150.2	8	PVC	MH-P1-7	MH-P1-6	9.52	No	6/1/1997	\$ 20,703.11	\$ -	\$ -	\$ 2,537.15	\$ 23,240.25	13288	5860	\$ 10,248.73
126	168.3	8	PVC	MH-P1-6	MH-P1-5	9.97	No	6/1/1997	\$ 23,193.07	\$ -	\$ -	\$ 2,842.29	\$ 26,035.36	13288	5860	\$ 11,481.34
127	13.6	8	Unknown	MH-P1-5	BARRET P5	9.37	No	6/1/1997	\$ 1,874.50	\$ -	\$ -	\$ 229.72	\$ 2,104.22	13288	5860	\$ 927.94
129	346.1	10	VCP	MH-492	MH-494	6.50	Yes	1960	\$ 51,924.35	\$ 10,768.85	\$ 13,188.99	\$ -	\$ 75,882.19	13288	824	\$ 4,705.42
130	149.2	8	VCP	MH-493	MH-492	6.50	Yes	1960	\$ 19,661.49	\$ 4,369.22	\$ 5,489.53	\$ -	\$ 29,520.24	13288	824	\$ 1,830.54
131	238.7	30	RCP	MH-11	MH-10A	9.80	No	1960	\$ 120,262.52	\$ -	\$ -	\$ 4,032.95	\$ 124,295.47	13288	824	\$ 7,707.51
132	156.5	30	RCP	MH-10A	MH-10	8.99	No	1960	\$ 78,831.33	\$ -	\$ -	\$ 2,643.57	\$ 81,474.91	13288	824	\$ 5,052.22
133	50.0	15	PVC	MH-R14	MH-R13	9.16	No	10/1/1985	\$ 10,793.16	\$ -	\$ -	\$ 844.53	\$ 11,637.69	13288	4195	\$ 3,673.93
134	232.0	18	VCP	MH-R13	MH-R12	9.03	No	10/1/1985	\$ 58,548.97	\$ -	\$ -	\$ 3,918.94	\$ 62,467.91	13288	4195	\$ 19,720.62
135	403.2	18	VCP	MH-R12	MH-R11	10.03	No	10/1/1985	\$ 101,767.29	\$ -	\$ -	\$ 6,811.73	\$ 108,579.03	13288	4195	\$ 34,277.53
136	473.3	30	RCP	MH-10	DIVERSION CHAMBER	8.00	No	1960	\$ 228,344.34	\$ -	\$ -	\$ 7,995.25	\$ 236,339.59	13288	824	\$ 14,655.32
137	16.6	18	VCP	MH-R11	DIVERSION CHAMBER	9.54	No	10/1/1985	\$ 4,190.20	\$ -	\$ -	\$ 280.47	\$ 4,470.67	13288	4195	\$ 1,411.36
138	21.2	8	RCP	DIVERSION CHAMBER	MH-9	10.75	No	1960	\$ 2,923.28	\$ -	\$ -	\$ 358.24	\$ 3,281.52	13288	824	\$ 203.49
139	138.5	30	RCP	MH-9	MH-8	13.48	No	1960	\$ 82,529.52	\$ -	\$ -	\$ 2,339.27	\$ 84,868.79	13288	824	\$ 5,262.68
140	158.4	30	PE	DIVERSION CHAMBER	RH-R10	8.00	No	10/1/1985	\$ 76,416.00	\$ -	\$ -	\$ 2,675.63	\$ 79,091.63	13288	4195	\$ 24,968.59
141	328.2	30	PE	MH-R10	MH-R9	12.72	No	10/1/1985	\$ 195,596.00	\$ -	\$ -	\$ 5,544.10	\$ 201,140.10	13288	4195	\$ 63,498.31
142	483.2	30	RCP	MH-8	MH-7	14.02	No	1960	\$ 287,977.64	\$ -	\$ -	\$ 8,162.63	\$ 296,140.27	13288	824	\$ 18,363.53
143	322.4	30	PE	MH-R9	MH-R8	13.14	No	10/1/1985	\$ 192,129.61	\$ -	\$ -	\$ 5,445.85	\$ 197,575.46	13288	4195	\$ 62,372.98
144	492.2	30	RCP	MH-7	MH-6	13.06	No	1960	\$ 293,358.48	\$ -	\$ -	\$ 8,315.15	\$ 301,673.63	13288	824	\$ 18,706.65
145	339.8	30	PE	MH-R8	MH-R7	10.60	No	10/1/1985	\$ 171,170.01	\$ -	\$ -	\$ 5,740.11	\$ 176,910.12	13288	4195	\$ 55,849.10
146	506.6	30	RCP	MH-6	MH-3	11.47	No	1960	\$ 255,217.44	\$ -	\$ -	\$ 8,558.60	\$ 263,776.04	13288	824	\$ 16,356.64
147	343.9	30	PE	MH-R7	MH-R4	8.92	No	10/1/1985	\$ 173,238.14	\$ -	\$ -	\$ 5,809.46	\$ 179,047.60	13288	4195	\$ 56,523.89
148	361.9	30	PE	MH-R4	MH-R3	10.82	No	10/1/1985	\$ 182,309.42	\$ -	\$ -	\$ 6,113.66	\$ 188,423.08	13288	4195	\$ 59,483.65
149	504.0	30	RCP	MH-3	MH-5	10.99	No	1960	\$ 253,872.37	\$ -	\$ -	\$ 8,513.49	\$ 262,385.86	13288	824	\$ 16,270.44
150	403.3	30	PE	MH-R3	MH-R6	12.53	No	10/1/1985	\$ 240,355.03	\$ -	\$ -	\$ 6,812.78	\$ 247,167.81	13288	4195	\$ 78,028.89
151	497.0	30	RCP	MH-5	MH-4	11.02	No	19								

170	80.2	12	VCP	MH-25	MH-24	8.39	No	1960	\$ 13,570.21	\$ -	\$ -	\$ 1,354.31	\$ 14,924.53	13288	824	\$ 925.46
171	105.7	12	VCP	MH-24	MH-23	8.74	Yes	1960	\$ 17,883.91	\$ 4,679.80	\$ 4,164.58	\$ -	\$ 26,728.30	13288	824	\$ 1,657.41
172	31.1	12	VCP	MH-23	MH-22	8.17	Yes	1960	\$ 5,268.61	\$ 1,287.97	\$ 1,226.89	\$ -	\$ 7,783.47	13288	824	\$ 482.65
173	22.0	12	VCP	MH-22	MH-21	8.45	Yes	1960	\$ 3,729.67	\$ 943.59	\$ 868.52	\$ -	\$ 5,541.78	13288	824	\$ 343.64
174	145.5	12	VCP	MH-21	MH-20	9.08	Yes	1960	\$ 24,631.18	\$ 6,692.45	\$ 5,735.80	\$ -	\$ 37,059.44	13288	824	\$ 2,298.04
175	365.9	8	VCP	MH-82A	MH-81A	8.12	Yes	1960	\$ 50,437.03	\$ 13,383.94	\$ 13,460.86	\$ -	\$ 77,281.83	13288	824	\$ 4,792.21
176	241.3	8	VCP	MH-81A	MH-81	7.28	Yes	1960	\$ 31,798.19	\$ 7,908.78	\$ 8,878.13	\$ -	\$ 48,585.10	13288	824	\$ 3,012.74
177	23.7	6	VCP	MH-81	MH-80	7.01	Yes	1960	\$ 3,002.96	\$ 701.19	\$ 840.83	\$ -	\$ 4,544.98	13288	824	\$ 281.83
178	242.5	10	VCP	MH-80	MH-79	7.18	Yes	1960	\$ 36,369.37	\$ 8,326.12	\$ 9,237.97	\$ -	\$ 53,933.46	13288	824	\$ 3,344.39
179	78.0	10	VCP	MH-78	MH-79	6.25	Yes	1960	\$ 11,699.49	\$ 2,331.22	\$ 2,971.72	\$ -	\$ 17,002.43	13288	824	\$ 1,054.31
180	281.3	10	VCP	MH-78	MH-77	5.48	Yes	1960	\$ 42,196.47	\$ 7,378.05	\$ 10,718.07	\$ -	\$ 60,292.59	13288	824	\$ 3,738.72
181	290.1	10	VCP	MH-77	MH-76	5.67	Yes	1960	\$ 43,510.33	\$ 7,871.55	\$ 11,051.80	\$ -	\$ 62,433.67	13288	824	\$ 3,871.49
182	359.2	10	VCP	MH-76	MH-75	7.24	Yes	1960	\$ 53,885.45	\$ 12,447.86	\$ 13,687.12	\$ -	\$ 80,020.44	13288	824	\$ 4,962.03
183	289.1	10	VCP	MH-75	MH-74	7.27	Yes	1960	\$ 43,369.71	\$ 10,060.18	\$ 11,016.08	\$ -	\$ 64,445.97	13288	824	\$ 3,996.27
184	136.5	8	VCP	MH-83A	MH-83	9.71	Yes	1960	\$ 18,819.04	\$ 5,968.59	\$ 5,022.51	\$ -	\$ 29,810.13	13288	824	\$ 1,848.51
185	320.3	8	VCP	MH-83	MH-79	9.03	Yes	1960	\$ 44,144.66	\$ 13,027.00	\$ 11,781.53	\$ -	\$ 68,953.18	13288	824	\$ 4,275.76
186	166.8	8	VCP	MH-89	MH-88	7.71	Yes	1960	\$ 21,978.66	\$ 5,789.59	\$ 6,136.49	\$ -	\$ 33,904.74	13288	824	\$ 2,102.42
187	189.3	8	VCP	MH-68	MH-67	5.59	Yes	1960	\$ 24,947.66	\$ 4,763.51	\$ 6,965.44	\$ -	\$ 36,676.62	13288	824	\$ 2,274.30
188	182.7	8	VCP	MH-67	MH-85	6.33	Yes	1960	\$ 24,068.71	\$ 5,204.60	\$ 6,720.04	\$ -	\$ 35,993.34	13288	824	\$ 2,231.93
189	244.1	8	VCP	MH-85	MH-84	7.73	Yes	1960	\$ 32,168.62	\$ 8,501.31	\$ 8,981.55	\$ -	\$ 49,651.48	13288	824	\$ 3,078.87
190	197.3	8	VCP	MH-84	MH-75	6.87	Yes	1960	\$ 25,995.96	\$ 6,101.27	\$ 7,258.13	\$ -	\$ 39,355.37	13288	824	\$ 2,440.41
191	231.4	8	VCP	MH-85	MH-85	8.01	Yes	1960	\$ 31,893.01	\$ 8,348.46	\$ 8,511.75	\$ -	\$ 48,753.23	13288	824	\$ 3,023.17
192	347.6	8	VCP	MH-90A	MH-90	6.55	Yes	1960	\$ 45,805.36	\$ 10,249.44	\$ 12,788.96	\$ -	\$ 68,843.76	13288	824	\$ 4,268.97
193	357.8	8	VCP	MH-92	MH-91	7.98	Yes	1960	\$ 47,139.25	\$ 12,860.55	\$ 13,161.39	\$ -	\$ 73,161.19	13288	824	\$ 4,536.69
194	34.9	8	VCP	MH-91	MH-90	7.13	Yes	1960	\$ 4,597.53	\$ 1,119.91	\$ 1,283.64	\$ -	\$ 7,001.08	13288	824	\$ 434.13
195	401.3	8	VCP	MH-90	MH-74A	7.13	Yes	1960	\$ 52,879.30	\$ 12,880.86	\$ 14,764.02	\$ -	\$ 80,524.18	13288	824	\$ 4,993.27
196	364.6	8	VCP	MH-75	MH-76	6.25	Yes	1960	\$ 48,036.70	\$ 10,264.25	\$ 13,411.96	\$ -	\$ 71,712.91	13288	824	\$ 4,446.89
197	328.1	10	VCP	MH-73	MH-72	7.85	Yes	1960	\$ 49,213.11	\$ 12,326.37	\$ 12,500.33	\$ -	\$ 74,039.81	13288	824	\$ 4,591.18
198	386.9	8	VCP	MH-63A	MH-64	7.48	Yes	1960	\$ 50,981.35	\$ 13,028.57	\$ 14,234.11	\$ -	\$ 78,244.02	13288	824	\$ 4,851.88
199	161.5	8	VCP	MH-69	MH-68	7.27	Yes	1960	\$ 21,282.38	\$ 5,286.03	\$ 5,942.09	\$ -	\$ 32,510.51	13288	824	\$ 2,015.96
200	399.9	8	VCP	MH-68	MH-67	5.59	Yes	1960	\$ 52,688.69	\$ 10,060.39	\$ 14,710.80	\$ -	\$ 77,459.88	13288	824	\$ 4,803.25
201	426.1	8	VCP	MH-63	MH-63A	6.45	Yes	1960	\$ 56,145.73	\$ 12,371.26	\$ 15,676.02	\$ -	\$ 84,193.00	13288	824	\$ 5,220.77
202	220.4	8	VCP	MH-63	MH-62	7.71	Yes	1960	\$ 29,039.59	\$ 7,649.57	\$ 8,107.92	\$ -	\$ 44,797.08	13288	824	\$ 2,777.85
203	69.7	8	VCP	MH-62	MH-12	8.68	Yes	1960	\$ 9,609.12	\$ 2,725.72	\$ 2,564.53	\$ -	\$ 14,899.37	13288	824	\$ 923.90
204	541.6	8	VCP	MH-66	MH-67	5.08	Yes	1960	\$ 71,363.32	\$ 12,381.84	\$ 19,924.80	\$ -	\$ 103,669.96	13288	824	\$ 6,428.53
205	20.8	8	VCP	MH-66	MH-65	6.76	Yes	1960	\$ 2,745.39	\$ 634.02	\$ 766.52	\$ -	\$ 4,145.93	13288	824	\$ 257.09
206	359.8	8	VCP	MH-65	<Null>	8.00	Yes	1960	\$ 47,410.71	\$ 12,967.03	\$ 13,237.18	\$ -	\$ 73,614.92	13288	824	\$ 4,564.83
207	407.0	10	VCP	MH-72	MH-71	7.61	Yes	1960	\$ 61,052.74	\$ 14,824.31	\$ 15,507.64	\$ -	\$ 91,384.70	13288	824	\$ 5,666.73
208	140.2	10	VCP	MH-71	MH-70	9.61	Yes	1960	\$ 23,595.26	\$ 6,447.04	\$ 5,343.41	\$ -	\$ 35,385.71	13288	824	\$ 2,194.25
209	6.7	20	RCP	MH-141	MH-94	9.88	Yes	1960	\$ 2,034.41	\$ 411.98	\$ 300.89	\$ -	\$ 2,747.28	13288	824	\$ 170.36
210	44.3	24	RCP	MH-94	MH-280	11.95	Yes	1960	\$ 14,240.34	\$ 3,578.80	\$ 2,096.37	\$ -	\$ 19,915.51	13288	824	\$ 1,234.95
211	63.9	24	RCP	MH-280	MH-70	11.92	Yes	1960	\$ 20,528.79	\$ 5,146.23	\$ 3,022.11	\$ -	\$ 28,697.13	13288	824	\$ 1,779.50
212	125.9	24	RCP	MH-78	MH-286	7.74	Yes	1960	\$ 39,817.73	\$ 6,580.99	\$ 5,955.64	\$ -	\$ 52,354.35	13288	824	\$ 3,246.47
213	271.4	24	RCP	MH-286	MH-285	8.82	No	1960	\$ 87,214.52	\$ -	\$ -	\$ 4,585.41	\$ 91,799.93	13288	824	\$ 5,692.48
214	359.3	24	RCP	MH-285	<Null>	8.00	No	1960	\$ 113,634.43	\$ -	\$ -	\$ 6,070.22	\$ 119,704.65	13288	824	\$ 7,422.83
215	434.3	30	RCP	MH-12	MH-11	9.49	No	1960	\$ 218,771.61	\$ -	\$ -	\$ 7,336.41	\$ 226,108.02	13288	824	\$ 14,020.86
216	264.3	30	RCP	MH-284	MH-12	9.46	No	1960	\$ 133,156.11	\$ -	\$ -	\$ 4,465.33	\$ 137,621.44	13288	824	\$ 8,533.85
217	169.2	20	VCP	MH-290	MH-287A	6.68	Yes	1960	\$ 44,936.04	\$ 6,996.24	\$ 7,559.21	\$ -	\$ 59,491.49	13288	824	\$ 3,689.04
218	186.7	20	VCP	MH-287A	MH-287	7.33	Yes	1960	\$ 49,578.55	\$ 8,470.72	\$ 8,340.19	\$ -	\$ 66,389.46	13288	824	\$ 4,116.78
219	66.3	20	VCP	MH-287	MH-286	9.03	Yes	1960	\$ 20,036.49	\$ 3,710.34	\$ 2,963.39	\$ -	\$ 26,710.22	13288	824	\$ 1,656.29
220	341.9	8	VCP	MH-284A-5	MH-284A-4	4.84	Yes	1960	\$ 45,055.77	\$ 7,447.68	\$ 12,579.67	\$ -	\$ 65,083.13	13288	824	\$ 4,035.78
221	345.3	8	VCP	MH-284A-2	MH-294A-1	6.05	Yes	1960	\$ 45,502.77	\$ 9,403.91	\$ 12,704.48	\$ -	\$ 67,611.16	13288	824	\$ 4,192.54
222	26.4	8	VCP	MH-284A-4	MH-284A-1	6.22	Yes	1960	\$ 3,481.27	\$ 740.29	\$ 971.98	\$ -	\$ 5,193.54	13288	824	\$ 322.05
223	14.6	8	Unknown	MH-284A-1	MH-284A	7.52	Yes	1960	\$ 1,928.55	\$ 495.82	\$ 538.46	\$ -	\$ 2,962.82	13288	824	\$ 183.72
224	236.1	24	RCP	MH-284A	MH-284	9.17	No	1960	\$ 75,868.48	\$ -	\$ -	\$ 3,988.88	\$ 79,857.36	13288	824	\$ 4,951.92
225	317.2	24	RCP	MH-248B	MH-284A	8.40	Yes	1960	\$ 101,908.13	\$ 17,991.98	\$ 15,002.25	\$ -	\$ 134,902.36	13288	824	\$ 8,365.24
226	107.7	24	RCP	MH-291	MH-248B	8.63	No	1960	\$ 34,615.06	\$ -	\$ -	\$ 1,819.93	\$ 36,434.99	13288	824	\$ 2,259.32
227	177.2	8	VCP	MH-284A-3	<Null>	8.00	Yes	1960	\$ 23,343.82	\$ 6,384.64	\$ 6,517.65	\$ -	\$ 36,246.11	13288	824	\$ 2,247.61
228	297.4	24	RCP	MH-291A	MH-291	9.85	No	1960	\$ 95,549.87	\$ -	\$ -	\$ 5,023.65	\$ 100,573.52	13288	824	\$ 6,236.52
229	103.2	24	RCP	MH-291A-1	MH-291A	9.50	No	1960	\$ 33,144.95	\$ -	\$ -	\$ 1,742.64	\$ 34,887.59	13288	824	\$ 2,163.36
230	143.5	24	RCP	MH-291B	MH-291A-1	8.28	No	1960	\$ 46,094.33	\$ -	\$ -	\$ 2,423.47	\$ 48,517.80	13288	824	\$ 3,008.57
231	157.0	24	PVC	MH-504	MH-291B	7.55	No	1990	\$ 49,648.47	\$ -	\$ -	\$ 2,652.16	\$ 52,300.63	13288	4732	\$ 18,624.44
232	277.0	8	VCP	MH-288	MH-287	8.22	Yes	1960	\$ 38,187.66	\$ 10,252.01	\$ 10,191.70	\$ -	\$ 58,631.37	13288	824	\$ 3,635.71
233	403.1	8	VCP	MH-281	MH-280	10.08	Yes	1960	\$ 55,568.98	\$ 18,295.99	\$ 14,830.50	\$ -	\$ 88,695.47	13288	824	\$ 5,499.97
234	192.8	18	VCP	MH-261	MH-141A	8.81	Yes	1960	\$ 48,654.23	\$ 10,041.85	\$ 8,358.71	\$ -	\$ 67,054.79	13288	824	\$ 4,158.04
235	308.7	8	VCP-PVC	MH-295A	MH-295	9.24	Yes	1960	\$ 42,546.33	\$ 12,847.32	\$ 11,354.96	\$ -	\$ 66,748.61	13288	824	\$ 4,139.05
236	106.1	8	PVC	MH-295D	MH-295B	7.97	Yes	1/1/1991	\$ 13,978.39	\$ 3,806.42	\$ 3,902.80	\$ -	\$ 21,687.61	13288	4777	\$ 7,796.48
237	228.5	8	PVC	MH-295B	MH-295	9.48	Yes	1/1/1991	\$ 31,502.22	\$ 9,759.51	\$ 8,407.45	\$ -	\$ 49,669.18	13288	4777	\$ 17,855.57
238	151.3	8	PVC	MH-294A	<Null>	7.68	Yes	1990	\$ 19,940.79	\$ 5,232.33	\$ 5,567.52	\$ -	\$ 30,740.64	13288	4732	\$ 10,946.85
239	63.7	10	PVC	MH-294	MH-292B	9.31	Yes	5/1/1988	\$ 10,717.45	\$ 2,836.91	\$ 2,427.09	\$ -	\$ 15,981.45	13288	4519	\$ 5,434.88
240	106.4	10	PVC	MH-292B	MH-292A	9.52	Yes	5/1/1988	\$ 17,903.06	\$ 4,848.44	\$ 4,054.35	\$ -	\$ 26,805.85	13288	4519	\$ 9,115.98
241																

261	19.9	15	PVC	MH-505	MH-504A	5.78	Yes	7/1/1994	\$ 3,901.30	\$ 632.87	\$ 825.41	\$ -	\$ 5,359.57	13288	5409	\$ 2,181.62
262	100.2	24	PVC	MH-504A	MH-504	6.62	Yes	7/1/1994	\$ 31,678.25	\$ 4,480.98	\$ 4,738.20	\$ -	\$ 40,897.43	13288	5409	\$ 16,647.33
263	290.7	24	PVC	MH-504B	MH-504	7.37	Yes	7/1/1994	\$ 91,928.38	\$ 14,476.76	\$ 13,749.97	\$ -	\$ 120,155.10	13288	5409	\$ 48,909.22
264	134.0	18	VCP	MH-502	<Null>	7.32	Yes	7/1/1994	\$ 32,046.11	\$ 5,794.21	\$ 5,808.74	\$ -	\$ 43,649.06	13288	5409	\$ 17,767.38
265	143.3	18	VCP	MH-508	<Null>	5.95	Yes	1960	\$ 34,272.68	\$ 5,036.22	\$ 6,212.33	\$ -	\$ 45,521.22	13288	824	\$ 2,822.75
266	148.2	8	vcp	MH-509	MH-502	5.15	Yes	1960	\$ 19,521.52	\$ 3,437.12	\$ 5,450.45	\$ -	\$ 28,409.10	13288	824	\$ 1,761.64
267	86.0	8	VCP	MH-510	MH-509	4.23	Yes	1960	\$ 11,327.11	\$ 1,638.07	\$ 3,162.56	\$ -	\$ 16,127.74	13288	824	\$ 1,000.07
268	162.6	8	VCP	MH-510A	MH-510	4.35	Yes	1960	\$ 21,425.53	\$ 3,182.70	\$ 5,982.06	\$ -	\$ 30,590.28	13288	824	\$ 1,896.89
269	98.7	8	VCP	MH-509A	MH-509	3.73	Yes	1960	\$ 13,010.58	\$ 1,659.13	\$ 3,632.58	\$ -	\$ 18,302.29	13288	824	\$ 1,134.92
270	290.7	18	VCP	MH-512	MH-508	3.91	Yes	1960	\$ 69,528.44	\$ 6,719.61	\$ 12,602.85	\$ -	\$ 88,850.89	13288	824	\$ 5,509.61
271	291.2	18	VCP	MH-503	MH-502	6.51	Yes	1960	\$ 69,647.61	\$ 11,207.07	\$ 12,624.45	\$ -	\$ 93,479.13	13288	824	\$ 5,796.60
272	11.3	6	VCP	MH-503A	MH-503	5.77	Yes	1960	\$ 1,435.39	\$ 276.07	\$ 401.91	\$ -	\$ 2,113.37	13288	824	\$ 131.05
273	118.4	8	VCP	MH-503B	MH-503A	6.58	Yes	1960	\$ 15,605.60	\$ 3,507.92	\$ 4,357.12	\$ -	\$ 23,470.64	13288	824	\$ 1,455.40
274	96.3	8	VCP	MH-514	MH-513	3.28	Yes	1960	\$ 12,682.41	\$ 1,420.00	\$ 3,540.96	\$ -	\$ 17,643.36	13288	824	\$ 1,094.06
275	137.2	8	VCP	MH-513	MH-503B	5.84	Yes	1960	\$ 18,076.33	\$ 3,606.00	\$ 5,046.95	\$ -	\$ 26,729.28	13288	824	\$ 1,657.47
276	231.0	8	VCP	MH-515	MH-318	5.08	Yes	1960	\$ 30,436.09	\$ 5,280.79	\$ 8,497.82	\$ -	\$ 44,214.70	13288	824	\$ 2,741.74
277	28.5	18	VCP	MH-311	MH-310	8.22	Yes	1960	\$ 7,188.98	\$ 1,384.38	\$ 1,235.05	\$ -	\$ 9,808.42	13288	824	\$ 608.22
278	469.6	18	VCP	MH-516	MH-512	5.34	Yes	1960	\$ 112,320.64	\$ 14,825.37	\$ 20,359.44	\$ -	\$ 147,505.44	13288	824	\$ 9,146.75
279	467.3	18	VCP	MH-318	MH-503	6.25	Yes	1960	\$ 111,788.26	\$ 17,255.73	\$ 20,262.94	\$ -	\$ 149,306.94	13288	824	\$ 9,258.46
280	182.3	8	VCP	MH-303	MH-302	6.06	Yes	1960	\$ 24,020.51	\$ 4,976.56	\$ 6,706.58	\$ -	\$ 35,703.65	13288	824	\$ 2,213.97
281	127.0	8	VCP	MH-302	MH-301	5.74	Yes	1960	\$ 16,736.13	\$ 3,281.43	\$ 4,672.77	\$ -	\$ 24,690.32	13288	824	\$ 1,531.04
282	167.3	10	VCP	MH-304	MH-301	7.51	Yes	5/1/1988	\$ 25,089.26	\$ 6,007.91	\$ 6,372.77	\$ -	\$ 37,469.95	13288	4519	\$ 12,742.57
283	172.3	8	VCP	MH-308	MH-307	3.84	Yes	1960	\$ 22,707.77	\$ 2,981.12	\$ 6,340.06	\$ -	\$ 32,028.95	13288	824	\$ 1,986.10
284	107.9	8	PVC-VCP	MH-307	MH-308	3.84	Yes	1960	\$ 14,214.71	\$ 1,866.14	\$ 3,968.78	\$ -	\$ 20,049.62	13288	824	\$ 1,243.27
285	13.9	10	VCP	MH-304	MH-308	5.88	Yes	5/1/1988	\$ 2,080.97	\$ 390.42	\$ 528.57	\$ -	\$ 2,999.96	13288	4519	\$ 1,020.21
286	15.9	8	VCP	MH-304A	MH-304	5.50	Yes	1960	\$ 2,098.91	\$ 394.31	\$ 586.02	\$ -	\$ 3,079.24	13288	824	\$ 190.94
287	113.0	8	VCP	MH-305	MH-304A	4.80	No	1960	\$ 14,883.43	\$ -	\$ -	\$ 1,908.13	\$ 16,791.56	13288	824	\$ 1,041.24
288	366.7	8	VCP	MH-309	MH-308	5.78	Yes	1960	\$ 48,319.89	\$ 9,540.08	\$ 13,491.02	\$ -	\$ 71,350.99	13288	824	\$ 4,424.44
289	332.2	8	VCP	MH-277	MH-274	6.34	Yes	1960	\$ 43,770.54	\$ 9,479.88	\$ 12,220.84	\$ -	\$ 65,471.26	13288	824	\$ 4,059.84
290	87.8	8	VCP	MH-274	MH-276	4.50	Yes	1960	\$ 11,569.29	\$ 1,777.91	\$ 3,230.17	\$ -	\$ 16,577.38	13288	824	\$ 1,027.96
291	333.5	8	VCP	MH-274	MH-273	7.01	Yes	1960	\$ 43,947.87	\$ 10,532.46	\$ 12,270.35	\$ -	\$ 66,750.68	13288	824	\$ 4,139.18
292	344.5	8	PVC	MH-273	MH-270A	6.53	No	1990	\$ 45,397.48	\$ -	\$ -	\$ 5,820.19	\$ 51,217.67	13288	4732	\$ 18,238.79
293	189.3	8	VCP	MH-275	MH-274	5.28	Yes	1960	\$ 24,941.91	\$ 4,498.07	\$ 6,963.84	\$ -	\$ 36,403.82	13288	824	\$ 2,257.39
294	178.9	8	VCP	MH-317	MH-316	7.90	Yes	1960	\$ 23,575.34	\$ 6,363.33	\$ 6,582.29	\$ -	\$ 36,520.95	13288	824	\$ 2,264.65
295	147.2	6	VCP	MH-318	MH-317	7.05	Yes	1960	\$ 18,651.52	\$ 4,383.11	\$ 5,222.43	\$ -	\$ 28,257.05	13288	824	\$ 1,752.21
296	227.4	6	VCP	MH-319	MH-318	4.58	Yes	1960	\$ 28,809.48	\$ 4,393.45	\$ 8,066.65	\$ -	\$ 41,269.57	13288	824	\$ 2,559.11
297	380.3	6	VCP	MH-320	MH-318	7.05	Yes	1960	\$ 48,187.15	\$ 11,323.98	\$ 13,492.40	\$ -	\$ 73,003.53	13288	824	\$ 4,526.92
298	116.4	6	Unknown	MH-279	MH-278	7.33	Yes	1960	\$ 14,747.04	\$ 3,600.74	\$ 4,129.17	\$ -	\$ 22,476.94	13288	824	\$ 1,393.79
299	127.3	6	VCP	MH-278	MH-277	6.65	Yes	1960	\$ 16,134.04	\$ 3,576.38	\$ 4,517.53	\$ -	\$ 24,227.95	13288	824	\$ 1,502.36
300	400.7	18	VCP	MH-261A	<Null>	8.00	No	1960	\$ 95,838.36	\$ -	\$ -	\$ 6,768.25	\$ 102,606.61	13288	824	\$ 6,362.59
301	260.6	18	VCP	MH-261B	MH-261A	8.25	No	1960	\$ 65,762.93	\$ -	\$ -	\$ 4,401.80	\$ 70,164.73	13288	824	\$ 4,350.89
302	201.6	8	VCP	MH-261B	MH-261C	8.25	No	1960	\$ 27,787.40	\$ -	\$ -	\$ 3,405.32	\$ 31,192.72	13288	824	\$ 1,934.25
303	366.1	18	VCP	MH-261F	MH-261D	8.90	No	1960	\$ 92,393.66	\$ -	\$ -	\$ 6,184.31	\$ 98,577.97	13288	824	\$ 6,112.78
304	96.0	18	VCP	MH-261F	MH-261E	8.90	No	1960	\$ 24,233.27	\$ -	\$ -	\$ 1,622.04	\$ 25,855.31	13288	824	\$ 1,603.28
305	266.6	18	VCP	MH-263	MH-261F	8.00	No	1960	\$ 63,778.66	\$ -	\$ -	\$ 4,504.14	\$ 68,282.80	13288	824	\$ 4,234.19
306	124.7	15	VCP	MH-264	MH-263	8.00	Yes	1960	\$ 24,387.47	\$ 5,475.60	\$ 5,159.70	\$ -	\$ 35,022.76	13288	824	\$ 2,171.75
307	222.7	15	TRUSS	MH-266	MH-264	9.43	Yes	1960	\$ 48,075.29	\$ 11,522.74	\$ 9,216.31	\$ -	\$ 68,814.34	13288	824	\$ 4,267.15
308	16.8	15	VCP	MH-151	MH-266	10.86	Yes	1960	\$ 3,632.63	\$ 1,003.24	\$ 696.40	\$ -	\$ 5,332.26	13288	824	\$ 330.65
309	364.6	8	VCP	MH-152	MH-151	8.12	Yes	1960	\$ 50,259.43	\$ 13,336.82	\$ 13,413.46	\$ -	\$ 77,009.71	13288	824	\$ 4,775.34
310	15.7	8	VCP	MH-152	MH-150	5.42	Yes	1960	\$ 2,062.50	\$ 382.18	\$ 575.85	\$ -	\$ 3,020.54	13288	824	\$ 187.30
311	68.3	8	VCP	MH-149	MH-148	8.83	Yes	1960	\$ 9,416.86	\$ 2,715.81	\$ 2,513.21	\$ -	\$ 14,645.88	13288	824	\$ 908.18
312	245.0	8	VCP	MH-148	MH-146	6.16	Yes	1960	\$ 32,276.12	\$ 6,797.30	\$ 9,011.57	\$ -	\$ 48,084.98	13288	824	\$ 2,981.73
313	196.7	8	VCP	MH-146	MH-144	6.16	No	1960	\$ 25,920.16	\$ -	\$ -	\$ 3,323.10	\$ 29,243.25	13288	824	\$ 1,813.36
314	479.2	20	VCP	MH-143	<Null>	8.10	No	1960	\$ 144,726.00	\$ -	\$ -	\$ 8,094.30	\$ 152,820.29	13288	824	\$ 9,476.32
315	781.5	20	VCP	MH-143	<Null>	8.10	No	1960	\$ 236,049.74	\$ -	\$ -	\$ 13,201.89	\$ 249,251.62	13288	824	\$ 15,455.99
316	189.9	20	VCP	MH-145	MH-144	8.00	No	1960	\$ 50,433.17	\$ -	\$ -	\$ 3,208.22	\$ 53,641.39	13288	824	\$ 3,326.28
317	216.8	10	VCP	MH-266A	MH-266	7.93	Yes	1960	\$ 32,526.61	\$ 8,224.75	\$ 8,261.89	\$ -	\$ 49,013.25	13288	824	\$ 3,039.29
318	4.7	10	VCP	MH-266A	MH-267	4.89	Yes	1960	\$ 704.19	\$ 109.87	\$ 178.87	\$ -	\$ 992.93	13288	824	\$ 61.57
319	67.6	10	VCP	MH-212	MH-151	8.91	Yes	1960	\$ 11,380.18	\$ 2,884.46	\$ 2,577.17	\$ -	\$ 16,841.82	13288	824	\$ 1,044.35
320	149.1	10	VCP	MH-213	MH-151	8.66	Yes	1960	\$ 25,080.61	\$ 6,178.66	\$ 5,679.79	\$ -	\$ 36,939.06	13288	824	\$ 2,290.58
321	269.4	10	VCP	MH-267	MH-268	6.19	Yes	1960	\$ 40,404.78	\$ 7,973.65	\$ 10,262.98	\$ -	\$ 58,641.41	13288	824	\$ 3,636.33
322	524.0	10	VCP	MH-268	C322A	7.80	Yes	1960	\$ 78,597.36	\$ 19,548.29	\$ 19,964.05	\$ -	\$ 118,109.70	13288	824	\$ 7,323.93
323	150.7	10	VCP	MH-322	MH-321	7.42	Yes	1960	\$ 22,610.24	\$ 5,352.96	\$ 5,743.09	\$ -	\$ 33,706.29	13288	824	\$ 2,090.11
324	445.0	8	VCP	MH-214	MH-213	6.58	Yes	1960	\$ 58,631.65	\$ 13,189.62	\$ 16,370.09	\$ -	\$ 88,191.36	13288	824	\$ 5,468.71
325	357.2	8	VCP	MH-215	MH-214	6.19	Yes	1960	\$ 47,064.58	\$ 9,959.99	\$ 13,140.54	\$ -	\$ 70,165.10	13288	824	\$ 4,350.91
326	148.7	8	VCP	MH-183	MH-215	6.29	Yes	1960	\$ 19,593.28	\$ 4,210.04	\$ 5,470.49	\$ -	\$ 29,273.81	13288	824	\$ 1,815.26
327	242.2	15	TRUSS	MH-176	MH-151	11.03	Yes	1960	\$ 52,288.69	\$ 14,666.81	\$ 10,024.04	\$ -	\$ 76,979.55	13288	824	\$ 4,773.47
328	458.3	15	TRUSS	MH-177	MH-176	10.42	Yes	1960	\$ 98,940.74	\$ 26,205.17	\$ 18,967.51	\$ -	\$ 144,113.42	13288	824	\$ 8,936.41
329	293.3	15	TRUSS	MH-178	MH-177	8.62	Yes	1960	\$ 63,311.79	\$ 13,878.56	\$ 12,137.24	\$ -	\$ 89,327.59	13288	824	\$ 5,539.17
330	294.0	8	VCP	MH-179	MH-178	6.88	Yes	1960	\$ 38,744.77	\$ 9,113.30	\$ 10,817.63	\$ -	\$ 58,675.70	13288	824	\$ 3,638.46
331	501.0	8	VCP	MH-180	MH-179	6.37	Yes	1960	\$ 66,014.11	\$ 14,376.41	\$ 18,431.29	\$ -	\$ 98,821.81</			

351	233.8	10	VCP	MH-353	MH-352	8.00	Yes	1960	\$ 35,076.64	\$ 8,953.50	\$ 8,909.61	\$ -	\$ 52,939.74	13288	824	\$ 3,282.77
352	144.9	8	VCP	MH-366	MH-365	5.55	Yes	1960	\$ 19,096.87	\$ 3,620.24	\$ 5,331.89	\$ -	\$ 28,049.01	13288	824	\$ 1,739.31
353	229.7	8	VCP	MH-364	MH-363	7.60	Yes	1960	\$ 30,272.24	\$ 7,860.43	\$ 8,452.08	\$ -	\$ 46,584.76	13288	824	\$ 2,888.70
354	102.6	8	VCP	MH-363	MH-362	5.90	Yes	1960	\$ 13,522.07	\$ 2,725.22	\$ 3,775.39	\$ -	\$ 20,022.68	13288	824	\$ 1,241.60
355	71.7	8	VCP	MH-365	MH-364	6.47	Yes	1960	\$ 9,448.25	\$ 2,089.92	\$ 2,637.97	\$ -	\$ 14,176.14	13288	824	\$ 879.06
356	385.4	8	VCP	MH-372	C371B	8.12	Yes	1960	\$ 53,128.38	\$ 14,089.44	\$ 14,179.14	\$ -	\$ 81,396.97	13288	824	\$ 5,047.39
357	250.6	8	VCP	C371	MH-369	8.98	Yes	1960	\$ 34,540.24	\$ 10,130.68	\$ 9,218.26	\$ -	\$ 53,889.17	13288	824	\$ 3,341.64
358	372.3	8	VCP	MH-370	MH-369	10.22	Yes	1960	\$ 51,325.93	\$ 17,142.19	\$ 13,698.10	\$ -	\$ 82,166.22	13288	824	\$ 5,095.09
359	101.1	8	VCP	MH-369	MH-368	10.45	Yes	1960	\$ 13,937.15	\$ 4,759.58	\$ 3,719.61	\$ -	\$ 22,416.34	13288	824	\$ 1,390.03
360	161.7	8	VCP	MH-367	MH-361	6.42	Yes	1960	\$ 21,308.25	\$ 4,676.89	\$ 5,949.31	\$ -	\$ 31,934.45	13288	824	\$ 1,980.24
361	133.5	8	VCP	MH-362	MH-361	4.72	Yes	1960	\$ 17,589.83	\$ 2,838.43	\$ 4,911.12	\$ -	\$ 25,339.38	13288	824	\$ 1,571.28
362	405.6	12	VCP	MH-350	MH-349	9.64	Yes	1960	\$ 68,646.74	\$ 19,813.01	\$ 15,985.60	\$ -	\$ 104,445.35	13288	824	\$ 6,476.61
363	38.2	10	VCP	MH-349A	MH-349	6.11	Yes	1960	\$ 5,734.76	\$ 1,118.00	\$ 1,456.65	\$ -	\$ 8,309.42	13288	824	\$ 515.26
364	319.2	10	VCP	MH-352	MH-351	8.00	Yes	1960	\$ 47,879.40	\$ 12,221.47	\$ 12,161.56	\$ -	\$ 72,262.42	13288	824	\$ 4,480.96
365	384.1	8	VCP	MH-357A	MH-357A1	8.00	Yes	1960	\$ 50,607.13	\$ 13,841.27	\$ 14,129.63	\$ -	\$ 78,578.02	13288	824	\$ 4,872.59
366	48.5	8	VCP	MH-375	MH-374	11.17	Yes	1960	\$ 6,801.12	\$ 2,438.46	\$ 1,782.82	\$ -	\$ 10,901.40	13288	824	\$ 675.99
367	167.3	10	VCP	MH-375	MH-374	11.17	Yes	1960	\$ 28,140.64	\$ 8,941.81	\$ 6,372.77	\$ -	\$ 43,455.22	13288	824	\$ 2,694.64
368	277.2	8	VCP	MH-373	MH-368	9.48	Yes	1960	\$ 38,215.97	\$ 11,833.21	\$ 10,199.25	\$ -	\$ 60,248.44	13288	824	\$ 3,735.98
369	221.2	10	Unknown	MH-374	MH-349B	6.04	Yes	1960	\$ 33,181.49	\$ 6,389.37	\$ 8,428.23	\$ -	\$ 47,999.09	13288	824	\$ 2,976.40
370	289.1	10	VCP	MH-349B	MH-349A	6.11	Yes	1960	\$ 43,361.65	\$ 8,453.41	\$ 11,014.03	\$ -	\$ 62,829.09	13288	824	\$ 3,896.01
371	521.7	12	VCP	MH-349	MH-348	8.00	Yes	1960	\$ 85,137.52	\$ 21,152.18	\$ 20,564.62	\$ -	\$ 126,854.31	13288	824	\$ 7,866.18
372	333.5	12	VCP	MH-348	MH-347	8.00	Yes	1960	\$ 54,424.32	\$ 13,521.57	\$ 13,145.97	\$ -	\$ 81,091.85	13288	824	\$ 5,028.47
373	320.7	12	VCP	MH-347	MH-346	8.00	Yes	1960	\$ 52,325.00	\$ 13,000.00	\$ 12,638.89	\$ -	\$ 77,963.89	13288	824	\$ 4,834.51
374	152.9	12	VCP	MH-346	C345	8.00	Yes	1960	\$ 24,951.94	\$ 6,199.24	\$ 6,027.04	\$ -	\$ 37,178.21	13288	824	\$ 2,305.41
375	155.3	12	VCP	MH-345	C343A	6.28	Yes	1960	\$ 25,346.18	\$ 4,943.29	\$ 6,122.27	\$ -	\$ 36,411.74	13288	824	\$ 2,257.88
376	35.4	12	VCP	C343	MH-542	7.89	Yes	1960	\$ 5,780.78	\$ 1,415.57	\$ 1,396.32	\$ -	\$ 8,592.68	13288	824	\$ 532.83
377	89.1	12	VCP	MH-542	SYPHON CH. #541	7.89	Yes	1960	\$ 14,531.64	\$ 3,558.45	\$ 3,510.06	\$ -	\$ 21,600.14	13288	824	\$ 1,339.42
378	102.2	18	VCP	MH-542	SYPHON CH. #540	7.89	No	1960	\$ 24,440.28	\$ -	\$ -	\$ 1,726.01	\$ 26,166.28	13288	824	\$ 1,622.56
379	130.7	12	VCP	SYPHON CH. #541	SYPHON CH. #538	8.00	Yes	1960	\$ 21,329.69	\$ 5,299.30	\$ 5,152.10	\$ -	\$ 31,781.10	13288	824	\$ 1,970.73
380	151.3	18	VCP	SYPHON CH. #540	syphon ch #539	8.00	No	1960	\$ 36,201.27	\$ -	\$ -	\$ 2,556.59	\$ 38,757.86	13288	824	\$ 2,403.36
381	24.6	18	VCP	MH-536	MH-535	9.17	No	1960	\$ 6,200.40	\$ -	\$ -	\$ 415.02	\$ 6,615.42	13288	824	\$ 410.22
382	76.2	18	VCP	MH-536	MH-535	9.17	No	1960	\$ 19,238.84	\$ -	\$ -	\$ 1,287.74	\$ 20,526.58	13288	824	\$ 1,272.84
383	91.3	12	VCP	SYPHON CH. #538	MH-537	9.23	Yes	1960	\$ 15,452.35	\$ 4,270.21	\$ 3,598.35	\$ -	\$ 23,320.91	13288	824	\$ 1,446.12
384	387.0	12	VCP	MH-537	MH-534	9.89	Yes	1960	\$ 65,502.81	\$ 19,395.89	\$ 15,253.48	\$ -	\$ 100,152.19	13288	824	\$ 6,210.39
385	403.7	18	VCP	MH-533	MH-530	8.64	Yes	1960	\$ 101,884.37	\$ 20,622.38	\$ 17,503.56	\$ -	\$ 140,010.31	13288	824	\$ 8,681.98
386	66.7	6	VCP	MH-533	MH-532	8.00	No	1960	\$ 8,452.66	\$ -	\$ -	\$ 1,127.02	\$ 9,579.68	13288	824	\$ 594.03
387	61.0	6	VCP	MH-532	MH-531	8.76	No	1960	\$ 8,033.03	\$ -	\$ -	\$ 1,029.88	\$ 9,062.91	13288	824	\$ 561.99
388	141.4	6	VCP	MH-531	MH-530	9.40	No	1960	\$ 18,626.26	\$ -	\$ -	\$ 2,387.98	\$ 21,014.24	13288	824	\$ 1,303.08
389	149.3	18	VCP	MH-530	MH-529	9.37	Yes	1960	\$ 37,687.28	\$ 8,272.79	\$ 6,474.61	\$ -	\$ 52,434.67	13288	824	\$ 3,251.45
390	292.3	8	VCP	MH-529	MH-528	7.74	Yes	1960	\$ 38,508.15	\$ 10,183.27	\$ 10,751.56	\$ -	\$ 59,442.98	13288	824	\$ 3,686.03
391	156.9	8	VCP	MH-528	MH-527	6.88	Yes	1960	\$ 20,677.09	\$ 4,863.53	\$ 5,773.09	\$ -	\$ 31,313.71	13288	824	\$ 1,941.75
392	183.2	10	VCP	MH-527	<Null>	7.88	Yes	1960	\$ 27,475.73	\$ 6,903.74	\$ 6,978.95	\$ -	\$ 41,358.42	13288	824	\$ 2,564.62
393	298.0	12	VCP	MH-534	MH-525	9.74	Yes	1960	\$ 50,443.49	\$ 14,710.17	\$ 11,746.65	\$ -	\$ 76,900.31	13288	824	\$ 4,768.56
394	163.4	18	VCP	MH-529	MH-523	9.87	Yes	1960	\$ 41,236.52	\$ 9,534.91	\$ 7,084.36	\$ -	\$ 57,855.80	13288	824	\$ 3,587.61
395	21.1	18	VCP	MH-523	MH-524	10.27	Yes	1960	\$ 5,330.10	\$ 1,282.40	\$ 915.70	\$ -	\$ 7,528.20	13288	824	\$ 466.82
396	341.5	12	VCP	MH-525	MH-523	9.33	Yes	1960	\$ 57,809.79	\$ 16,140.01	\$ 13,462.03	\$ -	\$ 87,411.83	13288	824	\$ 5,420.37
397	302.0	18	VCP	MH-524	MH-512	9.42	Yes	1960	\$ 76,207.45	\$ 16,817.67	\$ 13,092.31	\$ -	\$ 106,117.43	13288	824	\$ 6,580.30
398	84.2	12	VCP	MH-312	MH-313	9.74	Yes	1960	\$ 14,255.58	\$ 4,155.03	\$ 3,319.66	\$ -	\$ 21,730.28	13288	824	\$ 1,347.49
399	42.2	10	VCP	MH-519	MH-518	8.00	Yes	1960	\$ 6,330.79	\$ 1,615.97	\$ 1,608.05	\$ -	\$ 9,554.81	13288	824	\$ 592.49
400	129.7	18	VCP	MH-312	MH-311	8.22	Yes	1960	\$ 32,732.05	\$ 6,303.22	\$ 5,623.31	\$ -	\$ 44,658.59	13288	824	\$ 2,769.26
401	148.4	18	VCP	MH-523	MH-516	7.62	Yes	1960	\$ 35,505.43	\$ 6,687.36	\$ 6,435.78	\$ -	\$ 48,628.56	13288	824	\$ 3,015.44
402	152.4	15	VCP	MH-518	MH-517	7.92	Yes	1960	\$ 29,810.22	\$ 6,626.21	\$ 6,307.00	\$ -	\$ 42,743.42	13288	824	\$ 2,650.50
403	13.4	15	VCP	MH-517	MH-318	6.88	Yes	1960	\$ 2,621.98	\$ 505.91	\$ 554.74	\$ -	\$ 3,682.63	13288	824	\$ 228.36
404	220.2	10	VCP	MH-520	MH-519	6.66	Yes	1960	\$ 33,026.44	\$ 7,012.85	\$ 8,388.85	\$ -	\$ 48,428.14	13288	824	\$ 3,003.01
405	130.6	10	VCP	MH-521	MH-520	6.59	Yes	1960	\$ 19,598.20	\$ 4,120.85	\$ 4,978.02	\$ -	\$ 28,697.07	13288	824	\$ 1,779.49
406	241.1	8	VCP	MH-522	MH-521	7.84	Yes	1960	\$ 31,772.77	\$ 8,516.19	\$ 8,871.03	\$ -	\$ 49,159.99	13288	824	\$ 3,048.39
407	435.0	12	VCP	MH-314	<Null>	9.57	Yes	1960	\$ 73,628.50	\$ 21,085.53	\$ 17,145.69	\$ -	\$ 111,859.71	13288	824	\$ 6,936.37
408	584.6	12	VCP	MH-315	MH-314	9.57	Yes	1960	\$ 98,948.99	\$ 28,336.74	\$ 23,042.01	\$ -	\$ 150,327.74	13288	824	\$ 9,321.76
409	157.2	10	VCP	MH-330	MH-329	8.14	Yes	1960	\$ 26,442.64	\$ 6,119.29	\$ 5,988.24	\$ -	\$ 38,550.17	13288	824	\$ 2,390.48
410	333.2	10	VCP	MH-329	MH-326C	8.82	Yes	1960	\$ 56,056.93	\$ 14,064.89	\$ 12,694.73	\$ -	\$ 82,816.54	13288	824	\$ 5,135.42
411	72.7	10	VCP	MH-326C	MH-326B	10.00	Yes	1960	\$ 12,237.45	\$ 3,479.46	\$ 2,771.31	\$ -	\$ 18,488.23	13288	824	\$ 1,146.45
412	62.1	10	VCP	MH-326B	MH-326A	10.46	Yes	1960	\$ 10,444.28	\$ 3,106.28	\$ 2,365.23	\$ -	\$ 15,915.79	13288	824	\$ 986.93
413	84.5	10	VCP	MH-326A	MH-326	9.33	Yes	1960	\$ 14,217.78	\$ 3,771.54	\$ 3,219.78	\$ -	\$ 21,209.11	13288	824	\$ 1,315.17
414	316.0	10	VCP	MH-326	MH-325	7.95	Yes	1960	\$ 47,399.38	\$ 12,023.32	\$ 12,039.63	\$ -	\$ 71,462.33	13288	824	\$ 4,431.35
415	275.8	10	VCP	MH-325	MH-324	9.08	Yes	1960	\$ 46,404.09	\$ 11,986.17	\$ 10,508.74	\$ -	\$ 68,899.00	13288	824	\$ 4,272.40
416	527.8	12	VCP	MH-324	MH-323	10.32	Yes	1960	\$ 89,344.56	\$ 27,592.49	\$ 20,805.45	\$ -	\$ 137,742.51	13288	824	\$ 8,541.35
417	160.5	12	VCP	MH-323	MH-526	9.35	Yes	1960	\$ 27,164.83	\$ 7,600.46	\$ 6,325.81	\$ -	\$ 41,091.10	13288	824	\$ 2,548.04
418	139.7	8	VCP	MH-526	MH-527	8.08	Yes	1960	\$ 19,260.99	\$ 5,085.91	\$ 5,140.46	\$ -	\$ 29,487.36	13288	824	\$ 1,828.50
419	98.9	8	VCP	MH-P3-10	MH-P3-9	11.04	Yes	2/1/1997	\$ 13,636.40	\$ 4,917.57	\$ 3,639.34	\$ -	\$ 22,193.31	13288	5769	\$ 9,635.06
420	56.7	8	VCP	MH-P3-9	MH-P3-9	9.56	Yes	2/1/1997	\$ 7,815.50	\$ 2,441.71	\$ 2,085.84	\$ -	\$ 12,343.05	13288	5769	\$ 5,358.64
421	8.3	8	VCP	MH-P3-8	PUMP STATION PS 3	8.87	Yes	2/1/1997								

441	304.6	10	VCP	MH-219A	<Null>	8.00	Yes	1960	\$ 45,693.62	\$ 11,663.54	\$ 11,606.36	\$ -	\$ 68,963.52	13288	824	\$ 4,276.40
442	112.2	10	VCP	MH-239	MH-238	8.36	Yes	1960	\$ 18,877.62	\$ 4,486.75	\$ 4,275.05	\$ -	\$ 27,639.43	13288	824	\$ 1,713.91
443	48.1	10	VCP	MH-239	MH-240	9.06	Yes	1960	\$ 8,096.05	\$ 2,086.60	\$ 1,833.44	\$ -	\$ 12,016.09	13288	824	\$ 745.11
444	81.2	8	VCP	MH-223	MH-222	6.83	Yes	1960	\$ 10,695.34	\$ 2,495.58	\$ 2,986.16	\$ -	\$ 16,177.08	13288	824	\$ 1,003.13
445	181.9	8	PVC	MH-222	MH-221	6.76	Yes	1990	\$ 23,966.60	\$ 5,534.85	\$ 6,691.53	\$ -	\$ 36,192.98	13288	4732	\$ 12,888.45
446	216.3	10	VCP	MH-241	MH-240	8.02	Yes	1960	\$ 36,396.13	\$ 8,303.63	\$ 8,242.32	\$ -	\$ 52,942.08	13288	824	\$ 3,282.92
447	156.2	8	VCP	MH-224	MH-223	6.59	Yes	1960	\$ 20,580.24	\$ 4,636.71	\$ 5,746.05	\$ -	\$ 30,963.00	13288	824	\$ 1,920.00
448	16.0	8	VCP	MH-225	C224A	7.21	Yes	1960	\$ 2,113.94	\$ 520.72	\$ 590.22	\$ -	\$ 3,224.87	13288	824	\$ 199.97
449	147.1	10	VCP	MH-242	MH-241	7.46	Yes	1960	\$ 22,062.45	\$ 5,251.43	\$ 5,603.95	\$ -	\$ 32,917.83	13288	824	\$ 2,041.22
450	18.9	10	VCP	MH-243	MH-242	8.15	Yes	1960	\$ 3,177.38	\$ 736.20	\$ 719.55	\$ -	\$ 4,633.14	13288	824	\$ 287.30
451	103.9	10	VCP	MH-243A	MH-243	7.46	Yes	1960	\$ 15,578.65	\$ 3,708.12	\$ 3,957.04	\$ -	\$ 23,243.80	13288	824	\$ 1,441.34
452	37.5	8	VCP	MH-226	MH-225	6.41	Yes	1960	\$ 4,944.46	\$ 1,083.55	\$ 1,380.50	\$ -	\$ 7,408.51	13288	824	\$ 459.40
453	385.0	8	VCP	MH-227	MH-226	7.21	Yes	1960	\$ 50,723.69	\$ 12,494.50	\$ 14,162.17	\$ -	\$ 77,380.36	13288	824	\$ 4,798.32
454	488.4	8	VCP	MH-228	7	8.00	Yes	1960	\$ 64,356.84	\$ 17,601.87	\$ 17,968.58	\$ -	\$ 99,927.28	13288	824	\$ 6,196.45
455	50.6	8	VCP	MH-233	MH-229	7.83	Yes	1960	\$ 6,665.04	\$ 1,783.04	\$ 1,860.89	\$ -	\$ 10,308.97	13288	824	\$ 639.26
456	53.8	8	VCP	MH-230	MH-229	7.74	Yes	1960	\$ 7,086.49	\$ 1,875.19	\$ 1,978.56	\$ -	\$ 10,940.24	13288	824	\$ 678.40
457	470.4	8	VCP	MH-229	MH-228	8.00	Yes	1960	\$ 61,983.48	\$ 16,952.75	\$ 17,305.93	\$ -	\$ 96,242.16	13288	824	\$ 5,967.94
458	214.2	8	VCP	MH-258	MH-257	5.94	Yes	1960	\$ 28,223.63	\$ 5,726.74	\$ 7,880.10	\$ -	\$ 41,830.47	13288	824	\$ 2,593.89
459	44.1	8	VCP	MH-257	MH-256	6.63	Yes	1960	\$ 5,815.71	\$ 1,317.23	\$ 1,623.76	\$ -	\$ 8,756.71	13288	824	\$ 543.00
460	225.6	8	VCP	MH-253	MH-252	12.09	Yes	1960	\$ 60,829.34	\$ 12,282.75	\$ 8,300.30	\$ -	\$ 81,412.38	13288	824	\$ 5,048.35
461	269.4	10	VCP	MH-256	MH-255	7.35	Yes	1960	\$ 40,412.87	\$ 9,477.45	\$ 10,265.03	\$ -	\$ 60,155.35	13288	824	\$ 3,730.21
462	359.6	8	VCP	MH-252	MH-251	9.94	Yes	1960	\$ 49,572.69	\$ 16,094.92	\$ 13,230.18	\$ -	\$ 78,897.79	13288	824	\$ 4,892.42
463	249.6	10	VCP	C254	MH-249	8.00	Yes	1960	\$ 37,436.46	\$ 9,555.85	\$ 9,509.01	\$ -	\$ 56,501.32	13288	824	\$ 3,503.62
464	26.9	8	VCP	MH-250	MH-249	7.36	Yes	1960	\$ 3,537.89	\$ 889.61	\$ 987.79	\$ -	\$ 5,415.29	13288	824	\$ 335.80
465	119.4	8	VCP	MH-251	MH-250	6.41	Yes	1960	\$ 15,726.92	\$ 3,443.79	\$ 4,390.99	\$ -	\$ 23,561.70	13288	824	\$ 1,461.05
466	146.5	8	VCP	MH-248	MH-247	8.72	No	1960	\$ 20,196.02	\$ -	\$ -	\$ 2,475.00	\$ 22,671.02	13288	824	\$ 1,405.82
467	181.4	6	VCP	MH-247	MH-246	8.05	No	1960	\$ 23,905.24	\$ -	\$ -	\$ 3,064.77	\$ 26,970.01	13288	824	\$ 1,672.40
468	211.4	10	VCP	MH-249	MH-246	7.44	Yes	1960	\$ 31,707.60	\$ 7,521.92	\$ 8,053.86	\$ -	\$ 47,283.38	13288	824	\$ 2,932.02
469	490.7	10	VCP	MH-246	MH-245	6.95	Yes	1960	\$ 73,608.60	\$ 16,322.93	\$ 18,696.88	\$ -	\$ 108,628.41	13288	824	\$ 6,736.00
470	472.2	10	VCP	MH-245	MH-244	6.98	Yes	1960	\$ 70,828.13	\$ 15,762.85	\$ 17,990.63	\$ -	\$ 104,581.60	13288	824	\$ 6,485.06
471	377.5	10	VCP	MH-244	MH-243	7.46	Yes	1960	\$ 56,621.67	\$ 13,477.40	\$ 14,382.13	\$ -	\$ 84,481.20	13288	824	\$ 5,238.64
472	479.2	8	VCP	MH-235	MH-234	7.76	Yes	1960	\$ 63,145.87	\$ 16,741.75	\$ 17,630.47	\$ -	\$ 97,518.09	13288	824	\$ 6,047.06
473	478.8	8	VCP	MH-232	MH-231	7.65	Yes	1960	\$ 63,090.94	\$ 16,500.71	\$ 17,615.13	\$ -	\$ 97,206.78	13288	824	\$ 6,027.75
474	430.7	8	VCP	MH-234	MH-233	7.58	Yes	1960	\$ 56,746.13	\$ 14,705.49	\$ 15,843.65	\$ -	\$ 87,295.28	13288	824	\$ 5,413.14
475	431.0	8	VCP	MH-231	MH-230	7.39	Yes	1960	\$ 56,786.36	\$ 14,347.05	\$ 15,854.88	\$ -	\$ 86,988.29	13288	824	\$ 5,394.11
476	416.1	8	VCP	MH-211	MH-209	6.92	Yes	1960	\$ 54,825.44	\$ 12,961.30	\$ 15,307.39	\$ -	\$ 83,094.13	13288	824	\$ 5,152.63
477	182.1	8	VCP	MH-209	MH-207	7.31	Yes	1960	\$ 23,992.79	\$ 5,996.15	\$ 6,698.84	\$ -	\$ 36,687.77	13288	824	\$ 2,274.99
478	302.6	8	VCP	MH-209	MH-208	6.54	Yes	1960	\$ 39,874.23	\$ 8,908.65	\$ 11,132.98	\$ -	\$ 59,915.86	13288	824	\$ 3,715.36
479	481.3	8	VCP	MH-207	MH-206	8.40	Yes	1960	\$ 66,349.72	\$ 18,202.81	\$ 17,707.71	\$ -	\$ 102,260.23	13288	824	\$ 6,341.11
480	468.0	8	VCP	MH-206	MH-205	8.00	Yes	1960	\$ 61,666.13	\$ 16,865.95	\$ 17,217.32	\$ -	\$ 95,749.40	13288	824	\$ 5,937.38
481	300.5	8	TRUSS	MH-205	MH-203	8.00	Yes	1960	\$ 39,599.85	\$ 10,830.73	\$ 11,056.37	\$ -	\$ 61,486.95	13288	824	\$ 3,812.78
482	317.6	8	TRUSS	MH-203	<Null>	8.00	Yes	1960	\$ 41,854.17	\$ 11,447.29	\$ 11,685.78	\$ -	\$ 64,987.24	13288	824	\$ 4,029.83
483	401.7	8	TRUSS	MH-202	MH-201	7.94	Yes	1960	\$ 52,935.27	\$ 14,369.44	\$ 14,779.65	\$ -	\$ 82,084.35	13288	824	\$ 5,090.02
484	390.2	12	TRUSS	MH-201	MH-183	7.45	Yes	1960	\$ 63,680.16	\$ 14,733.45	\$ 15,381.68	\$ -	\$ 93,795.29	13288	824	\$ 5,816.21
485	239.1	12	TRUSS	MH-183	MH-178	7.25	Yes	1960	\$ 39,011.66	\$ 8,783.68	\$ 9,423.11	\$ -	\$ 57,218.44	13288	824	\$ 3,548.09
486	335.1	8	VCP	MH-155	MH-178	7.80	Yes	1960	\$ 44,156.97	\$ 11,775.19	\$ 12,328.73	\$ -	\$ 68,260.89	13288	824	\$ 4,232.83
487	477.5	8	VCP	C344	C343B	8.00	Yes	1960	\$ 62,920.01	\$ 17,208.89	\$ 17,567.41	\$ -	\$ 97,696.32	13288	824	\$ 6,058.11
488	355.7	10	VCP	MH-218	MH-217	7.80	Yes	1960	\$ 53,364.15	\$ 13,272.43	\$ 13,554.71	\$ -	\$ 80,191.28	13288	824	\$ 4,972.63
489	256.3	8	VCP	MH-267A	MH-267	6.76	Yes	1960	\$ 33,767.14	\$ 7,803.96	\$ 9,427.86	\$ -	\$ 50,998.96	13288	824	\$ 3,162.42
490	163.6	8	VCP	MH-187	MH-186	7.22	Yes	1960	\$ 21,558.08	\$ 5,321.34	\$ 6,019.06	\$ -	\$ 32,898.49	13288	824	\$ 2,040.02
491	170.2	8	VCP	MH-186	MH-185	7.72	Yes	1960	\$ 22,422.34	\$ 5,917.96	\$ 6,260.37	\$ -	\$ 34,600.67	13288	824	\$ 2,145.57
492	160.5	8	VCP	MH-205A	<Null>	6.85	Yes	1960	\$ 21,147.32	\$ 4,948.83	\$ 5,904.38	\$ -	\$ 32,000.53	13288	824	\$ 1,984.34
493	80.3	8	TRUSS	MH-196	MH-195	5.50	Yes	1960	\$ 10,581.67	\$ 1,987.91	\$ 2,954.43	\$ -	\$ 15,524.00	13288	824	\$ 962.64
494	77.4	8	VCP	MH-200	MH-199	6.67	Yes	1960	\$ 10,195.96	\$ 2,325.03	\$ 2,846.74	\$ -	\$ 15,367.73	13288	824	\$ 952.95
495	164.5	8	VCP	MH-199	MH-197	7.39	Yes	1960	\$ 21,669.62	\$ 5,471.12	\$ 6,050.21	\$ -	\$ 33,190.94	13288	824	\$ 2,058.16
496	400.9	8	VCP	MH-198	MH-197	6.80	Yes	1960	\$ 52,829.95	\$ 12,281.83	\$ 14,750.24	\$ -	\$ 79,862.02	13288	824	\$ 4,952.21
497	132.4	8	TRUSS	MH-193A	MH-193	6.69	Yes	1960	\$ 17,447.55	\$ 3,987.58	\$ 4,871.39	\$ -	\$ 26,306.52	13288	824	\$ 1,631.26
498	335.3	8	TRUSS	MH-193	MH-192	7.39	Yes	1960	\$ 44,173.78	\$ 11,152.94	\$ 12,333.42	\$ -	\$ 67,660.14	13288	824	\$ 4,195.58
499	231.9	8	VCP	MH-194	MH-192	6.66	Yes	1960	\$ 30,550.47	\$ 6,956.11	\$ 8,529.76	\$ -	\$ 46,036.34	13288	824	\$ 2,854.69
500	263.6	8	VCP	MH-169	<Null>	7.54	Yes	1960	\$ 34,738.57	\$ 8,954.83	\$ 9,699.09	\$ -	\$ 53,392.49	13288	824	\$ 3,310.85
501	310.4	8	PVC	MH-172	MH-169	6.59	Yes	1990	\$ 40,903.04	\$ 9,215.42	\$ 11,420.22	\$ -	\$ 61,538.68	13288	4732	\$ 21,914.14
502	150.0	8	VCP	MH-167	MH-168	7.79	No	1960	\$ 19,764.84	\$ -	\$ -	\$ 2,533.95	\$ 22,298.79	13288	824	\$ 1,382.74
503	222.9	8	VCP	MH-167	MH-166	8.14	No	1960	\$ 30,725.64	\$ -	\$ -	\$ 3,765.40	\$ 34,491.03	13288	824	\$ 2,138.77
504	471.8	8	VCP	MH-166	MH-165A	6.82	No	1960	\$ 62,169.20	\$ -	\$ -	\$ 7,970.41	\$ 70,139.61	13288	824	\$ 4,349.33
505	55.5	8	VCP	MH-165A	MH-165	6.82	No	1960	\$ 7,312.67	\$ -	\$ -	\$ 937.52	\$ 8,250.19	13288	824	\$ 511.59
506	44.5	8	VCP	MH-165	MH-164	6.83	Yes	1960	\$ 5,869.51	\$ 1,369.55	\$ 1,638.78	\$ -	\$ 8,877.85	13288	824	\$ 550.51
507	397.8	8	VCP	MH-169	MH-168	6.89	Yes	1960	\$ 52,418.25	\$ 12,338.45	\$ 14,635.29	\$ -	\$ 79,391.99	13288	824	\$ 4,923.06
508	404.4	8	VCP	MH-168A	MH-168	7.12	Yes	1960	\$ 53,289.12	\$ 12,962.46	\$ 14,878.44	\$ -	\$ 81,130.02	13288	824	\$ 5,030.84
509	22.5	8	VCP	MH-168	MH-162A-1	7.35	Yes	1960	\$ 2,965.80	\$ 744.74	\$ 828.06	\$ -	\$ 4,538.60	13288	824	\$ 281.44
510	393.0	8	VCP	MH-164	MH-162A-1	7.13	Yes	1960	\$ 51,787.97	\$ 12,615.02	\$ 14,459.32	\$ -	\$ 78,862.31	13288	824	\$ 4,890.22
511	301.5	8	VCP	MH-162A-1	MH-162	7.64	Yes	1960	\$ 39,729.43	\$ 10,377.19	\$ 11,092.55	\$ -	\$ 61,			

531	242.6	8	VCP	MH-134	MH-133	7.40	Yes	1960	\$ 31,969.53	\$ 8,082.55	\$ 8,925.97	\$ -	\$ 48,978.05	13288	824	\$ 3,037.11
532	188.7	8	VCP	MH-133	C132B	7.89	Yes	1960	\$ 24,860.01	\$ 6,705.83	\$ 6,940.97	\$ -	\$ 38,506.81	13288	824	\$ 2,387.79
533	384.1	8	VCP	C132	MH-131	7.65	Yes	1960	\$ 50,615.53	\$ 13,237.91	\$ 14,131.97	\$ -	\$ 77,985.42	13288	824	\$ 4,835.84
534	296.3	8	VCP	MH-135	MH-131	7.65	Yes	1960	\$ 39,035.05	\$ 10,202.49	\$ 10,898.68	\$ -	\$ 60,136.22	13288	824	\$ 3,729.02
535	124.8	8	VCP	MH-122	MH-121	8.78	Yes	1960	\$ 17,200.19	\$ 4,932.41	\$ 4,590.47	\$ -	\$ 26,723.06	13288	824	\$ 1,657.09
536	343.9	8	VCP	MH-121	MH-120	6.95	Yes	1960	\$ 45,317.13	\$ 10,759.91	\$ 12,652.65	\$ -	\$ 68,729.69	13288	824	\$ 4,261.90
537	305.1	8	VCP	MH-120	MH-119	6.84	Yes	1960	\$ 40,196.35	\$ 9,392.89	\$ 11,222.91	\$ -	\$ 60,812.16	13288	824	\$ 3,770.94
538	246.8	8	VCP	MH-119	MH-115	5.52	Yes	1960	\$ 32,515.75	\$ 6,136.31	\$ 9,078.47	\$ -	\$ 47,730.53	13288	824	\$ 2,959.75
539	332.8	8	VCP	MH-131	<Null>	7.65	Yes	1960	\$ 43,849.39	\$ 11,468.30	\$ 12,242.85	\$ -	\$ 67,560.54	13288	824	\$ 4,189.40
540	85.0	8	VCP	MH-118	MH-117	4.76	Yes	1960	\$ 11,194.11	\$ 1,819.76	\$ 3,125.42	\$ -	\$ 16,139.29	13288	824	\$ 1,000.79
541	278.4	8	VCP	MH-117	MH-101	5.73	Yes	1960	\$ 36,689.04	\$ 7,187.29	\$ 10,243.66	\$ -	\$ 54,119.99	13288	824	\$ 3,355.96
542	66.3	12	VCP	MH-101	MH-100	7.38	Yes	1960	\$ 10,813.73	\$ 2,478.43	\$ 2,612.01	\$ -	\$ 15,904.17	13288	824	\$ 986.21
543	182.1	12	VCP	MH-100	MH-96	7.74	Yes	1960	\$ 29,712.14	\$ 7,141.99	\$ 7,176.85	\$ -	\$ 44,030.97	13288	824	\$ 2,730.34
544	304.2	8	VCP	MH-162-A	MH-160	7.41	Yes	1960	\$ 40,088.27	\$ 10,148.84	\$ 11,192.74	\$ -	\$ 61,429.85	13288	824	\$ 3,809.24
545	45.6	8	VCP	MH-129	MH-162-A	8.00	Yes	1960	\$ 6,013.45	\$ 1,644.70	\$ 1,678.97	\$ -	\$ 9,337.12	13288	824	\$ 578.99
546	113.2	8	VCP	MH-129A	MH-129	8.00	Yes	1960	\$ 14,914.97	\$ 4,079.31	\$ 4,164.29	\$ -	\$ 23,158.57	13288	824	\$ 1,436.05
547	642.3	8	VCP	MH-129	MH-128A	8.00	Yes	1960	\$ 84,637.68	\$ 23,148.77	\$ 23,631.03	\$ -	\$ 131,417.49	13288	824	\$ 8,149.14
548	78.2	8	VCP	MH-128A	MH-128	7.68	Yes	1960	\$ 10,298.56	\$ 2,704.03	\$ 2,875.38	\$ -	\$ 15,877.97	13288	824	\$ 984.59
549	224.3	8	VCP	MH-128	<Null>	7.68	Yes	1960	\$ 29,549.69	\$ 7,758.69	\$ 8,250.34	\$ -	\$ 45,558.72	13288	824	\$ 2,825.08
550	260.6	8	VCP	MH-127	<Null>	8.00	Yes	1960	\$ 34,332.71	\$ 9,390.14	\$ 9,585.77	\$ -	\$ 53,308.63	13288	824	\$ 3,305.65
551	333.7	8	VCP	MH-126	MH-125	5.99	Yes	1960	\$ 43,974.77	\$ 9,005.43	\$ 12,277.86	\$ -	\$ 65,258.05	13288	824	\$ 4,046.62
552	420.0	8	VCP	MH-125	MH-123	7.77	Yes	1960	\$ 55,346.60	\$ 14,692.87	\$ 15,452.90	\$ -	\$ 85,492.37	13288	824	\$ 5,301.35
553	65.2	8	VCP	MH-124	MH-123	8.42	Yes	1960	\$ 8,989.14	\$ 2,472.01	\$ 2,399.06	\$ -	\$ 13,860.21	13288	824	\$ 859.47
554	213.9	8	VCP	MH-123	MH-122	9.97	Yes	1960	\$ 29,486.03	\$ 9,602.23	\$ 7,869.37	\$ -	\$ 46,957.63	13288	824	\$ 2,911.82
555	352.6	8	VCP	MH-107	MH-106	6.24	Yes	1960	\$ 46,459.66	\$ 9,903.45	\$ 12,971.64	\$ -	\$ 69,334.75	13288	824	\$ 4,299.42
556	447.5	8	VCP	MH-106	MH-105	6.93	Yes	1960	\$ 58,958.55	\$ 13,958.56	\$ 16,461.36	\$ -	\$ 89,378.48	13288	824	\$ 5,542.32
557	293.9	8	VCP	MH-31B	MH-31A	8.00	No	1960	\$ 38,720.93	\$ -	\$ -	\$ 4,964.22	\$ 43,685.15	13288	824	\$ 2,708.90
558	236.6	8	VCP	MH-31A	MH-31-2	6.83	No	1960	\$ 31,172.03	\$ -	\$ -	\$ 3,996.41	\$ 35,168.44	13288	824	\$ 2,180.78
559	215.3	8	VCP	MH-31-2	MH-31-1	5.48	No	1960	\$ 28,362.58	\$ -	\$ -	\$ 3,636.23	\$ 31,998.81	13288	824	\$ 1,984.23
560	200.7	8	VCP	MH-31-1	MH-31	6.21	No	1960	\$ 26,441.17	\$ -	\$ -	\$ 3,389.89	\$ 29,831.06	13288	824	\$ 1,849.81
561	138.8	12	VCP	MH-31	MH-30	6.81	No	1960	\$ 22,648.51	\$ -	\$ -	\$ 2,344.57	\$ 24,993.07	13288	824	\$ 1,549.81
562	53.3	12	VCP	MH-95	MH-94	9.88	Yes	1960	\$ 9,028.21	\$ 2,669.27	\$ 2,102.38	\$ -	\$ 13,799.85	13288	824	\$ 855.72
563	271.6	12	VCP	MH-95A	MH-96	7.17	Yes	1960	\$ 44,320.16	\$ 9,861.92	\$ 10,705.35	\$ -	\$ 64,887.44	13288	824	\$ 4,023.64
564	201.5	12	VCP	MH-95A	MH-95	7.43	Yes	1960	\$ 32,883.91	\$ 7,582.70	\$ 7,942.97	\$ -	\$ 48,409.58	13288	824	\$ 3,001.86
565	205.7	8	VCP	MH-96	MH-95A	7.17	Yes	1960	\$ 27,101.80	\$ 6,638.78	\$ 7,566.88	\$ -	\$ 41,307.46	13288	824	\$ 2,561.46
566	83.2	8	VCP	MH-98	MH-97	7.73	Yes	1960	\$ 10,969.06	\$ 2,898.83	\$ 3,062.59	\$ -	\$ 16,930.47	13288	824	\$ 1,049.85
567	475.6	8	VCP	MH-99	MH-98	7.26	Yes	1960	\$ 62,667.96	\$ 15,543.80	\$ 17,497.04	\$ -	\$ 95,708.79	13288	824	\$ 5,934.86
568	229.4	8	VCP	MH-61	MH-60	9.43	Yes	1960	\$ 31,617.37	\$ 9,738.36	\$ 8,438.19	\$ -	\$ 49,793.91	13288	824	\$ 3,087.70
569	391.4	8	VCP	MH-60	MH-59	9.43	Yes	1960	\$ 53,951.41	\$ 16,617.39	\$ 14,398.80	\$ -	\$ 84,967.59	13288	824	\$ 5,268.80
570	433.5	8	VCP	MH-59	MH-53	8.00	Yes	1960	\$ 57,124.24	\$ 15,623.73	\$ 15,949.22	\$ -	\$ 88,697.19	13288	824	\$ 5,500.08
571	363.2	8	VCP	MH-51	MH-49	9.97	Yes	1960	\$ 50,059.06	\$ 16,310.09	\$ 13,359.99	\$ -	\$ 79,729.14	13288	824	\$ 4,943.97
572	266.4	8	VCP	MH-52	MH-51	11.21	Yes	1960	\$ 36,727.71	\$ 13,448.82	\$ 9,802.06	\$ -	\$ 59,978.59	13288	824	\$ 3,719.25
573	264.8	8	VCP	MH-50	MH-49	7.72	Yes	1960	\$ 34,890.44	\$ 9,202.73	\$ 9,741.49	\$ -	\$ 53,834.65	13288	824	\$ 3,338.26
574	174.6	8	VCP	MH-59	MH-57	8.68	Yes	1960	\$ 24,070.95	\$ 6,824.04	\$ 6,424.17	\$ -	\$ 37,319.16	13288	824	\$ 2,314.15
575	225.4	8	VCP	MH-57	MH-56B	9.03	Yes	1960	\$ 31,069.74	\$ 9,163.54	\$ 8,292.03	\$ -	\$ 48,525.31	13288	824	\$ 3,009.03
576	141.5	8	VCP	MH-56B	MH-56A	8.71	Yes	1960	\$ 19,510.50	\$ 5,550.29	\$ 5,207.05	\$ -	\$ 30,267.84	13288	824	\$ 1,876.90
577	344.5	8	VCP	MH-56A	MH-56	8.36	Yes	1960	\$ 47,484.19	\$ 12,965.05	\$ 12,672.80	\$ -	\$ 73,122.04	13288	824	\$ 4,534.27
578	200.6	8	VCP	MH-56	MH-55	8.38	No	1960	\$ 27,651.22	\$ -	\$ -	\$ 3,388.63	\$ 31,039.85	13288	824	\$ 1,924.77
579	119.4	8	VCP	MH-55	MH-54	8.38	No	1960	\$ 16,452.66	\$ -	\$ -	\$ 2,016.26	\$ 18,468.92	13288	824	\$ 1,145.25
580	282.9	8	VCP	MH-54	MH-53	8.00	Yes	1960	\$ 37,273.81	\$ 10,194.55	\$ 10,406.93	\$ -	\$ 57,875.29	13288	824	\$ 3,588.82
581	540.5	10	VCP	MH-49	MH-48	7.93	Yes	1960	\$ 81,074.88	\$ 20,500.78	\$ 20,593.35	\$ -	\$ 122,169.01	13288	824	\$ 7,575.65
582	182.0	10	VCP	MH-48	MH-47	7.12	Yes	1960	\$ 27,304.68	\$ 6,203.00	\$ 6,935.50	\$ -	\$ 40,443.19	13288	824	\$ 2,507.86
583	101.1	10	VCP	MH-47	MH-46	5.64	No	1960	\$ 15,160.85	\$ -	\$ -	\$ 1,707.30	\$ 16,868.16	13288	824	\$ 1,045.99
584	335.1	10	VCP	MH-46	MH-45	5.84	No	1960	\$ 50,265.35	\$ -	\$ -	\$ 5,660.51	\$ 55,925.86	13288	824	\$ 3,467.94
585	78.7	8	VCP	MH-42	MH-41	5.38	No	1960	\$ 10,370.22	\$ -	\$ -	\$ 1,329.52	\$ 11,699.74	13288	824	\$ 725.50
586	69.9	8	VCP	MH-41	MH-40	5.15	No	1960	\$ 9,204.58	\$ -	\$ -	\$ 1,180.07	\$ 10,384.65	13288	824	\$ 643.95
587	239.1	10	VCP	MH-45	MH-41	5.16	No	1960	\$ 35,868.56	\$ -	\$ -	\$ 4,039.25	\$ 39,907.82	13288	824	\$ 2,474.67
588	207.4	8	VCP	MH-44	MH-42	7.33	Yes	1960	\$ 27,326.61	\$ 6,843.33	\$ 7,629.65	\$ -	\$ 41,799.60	13288	824	\$ 2,591.98
589	227.6	8	VCP	MH-37	MH-38	8.93	Yes	1960	\$ 31,370.10	\$ 9,154.74	\$ 8,372.19	\$ -	\$ 48,897.04	13288	824	\$ 3,032.08
590	181.6	10	VCP	MH-40	MH-39	6.78	No	1960	\$ 27,240.65	\$ -	\$ -	\$ 3,067.64	\$ 30,308.29	13288	824	\$ 1,879.40
591	160.1	10	VCP	MH-39	MH-38	7.45	No	1960	\$ 24,016.12	\$ -	\$ -	\$ 2,704.52	\$ 26,720.64	13288	824	\$ 1,656.94
592	377.3	12	VCP	MH-38	MH-32	7.05	No	1960	\$ 61,567.94	\$ -	\$ -	\$ 6,373.49	\$ 67,941.43	13288	824	\$ 4,213.02
593	280.3	12	VCP	MH-32	MH-31	6.85	No	1960	\$ 45,745.13	\$ -	\$ -	\$ 4,735.52	\$ 50,480.65	13288	824	\$ 3,130.28
594	81.3	8	VCP	MH-116	MH-115	7.25	Yes	1960	\$ 10,707.21	\$ 2,652.09	\$ 2,989.48	\$ -	\$ 16,348.79	13288	824	\$ 1,013.78
595	220.1	8	VCP	MH-115	MH-114	7.25	Yes	1960	\$ 29,001.44	\$ 7,183.43	\$ 8,097.27	\$ -	\$ 44,282.14	13288	824	\$ 2,745.92
596	255.0	8	VCP	MH-114	MH-113	7.41	Yes	1960	\$ 33,593.71	\$ 8,504.66	\$ 9,379.44	\$ -	\$ 51,477.81	13288	824	\$ 3,192.12
597	330.3	8	VCP	MH-108	MH-105	6.76	Yes	1960	\$ 43,521.78	\$ 10,050.93	\$ 12,151.38	\$ -	\$ 65,724.08	13288	824	\$ 4,075.52
598	140.4	8	VCP	MH-112	MH-108	7.47	Yes	1960	\$ 18,498.21	\$ 4,721.00	\$ 5,164.74	\$ -	\$ 28,383.95	13288	824	\$ 1,760.08
599	233.8	8	VCP	MH-113	MH-112	7.41	Yes	1960	\$ 30,805.83	\$ 7,798.88	\$ 8,601.06	\$ -	\$ 47,205.77	13288	824	\$ 2,927.21
600	281.8	8	VCP	MH-490	MH-490A	7.27	Yes	1960	\$ 37,130.38	\$ 9,222.30	\$ 10,366.89	\$ -	\$ 56,719.56	13288	824	\$ 3,517.16
601	83.9	8	VCP	MH-490A	MH-490B	6.53	Yes	1960	\$ 11,058.99	\$ 2,467.00	\$ 3,087.69	\$ -	\$ 16,613.69	13288	824	\$ 1,030.21
602	176.9	8	VCP	MH-458	MH-451	8.00	Yes	1960	\$ 23,305.91							

626	6.7	12	PVC	MH-343	C343	7.32	Yes	1990	\$ 1,087.95	\$ 247.15	\$ 262.79	\$ -	\$ 1,597.90	13288	4732	\$ 569.02
628	3.5	8	PVC	C132B	MH-132	7.10	Yes	1990	\$ 455.66	\$ 110.60	\$ 127.22	\$ -	\$ 693.48	13288	4732	\$ 246.95
629	1.2	6	PVC	R132C	132	6.93	Yes	1990	\$ 158.37	\$ 36.56	\$ 44.34	\$ -	\$ 239.27	13288	4732	\$ 85.20
631	2.0	8	PVC	MH-132	C132	7.10	Yes	1990	\$ 263.53	\$ 63.97	\$ 73.58	\$ -	\$ 401.08	13288	4732	\$ 142.82
633	6.5	6	PVC	C382B	382	6.37	Yes	1990	\$ 823.52	\$ 174.72	\$ 230.59	\$ -	\$ 1,228.83	13288	4732	\$ 437.59
634	2.9	10	PVC	C382A	MH-382	8.13	Yes	1990	\$ 483.70	\$ 111.80	\$ 109.54	\$ -	\$ 705.04	13288	4732	\$ 251.07
635	4.0	10	PVC	MH-382	Y382	8.13	Yes	1990	\$ 673.02	\$ 155.56	\$ 152.41	\$ -	\$ 980.99	13288	4732	\$ 349.33
638	2.0	6	PVC	C382C	B382	8.00	Yes	1990	\$ 253.41	\$ 67.58	\$ 70.95	\$ -	\$ 391.94	13288	4732	\$ 139.57
639	5.2	12	PVC	C345	MH-345	6.28	Yes	1990	\$ 843.18	\$ 164.45	\$ 203.67	\$ -	\$ 1,211.29	13288	4732	\$ 431.34
642	2.0	8	VCP	344	C344out	5.20	Yes	1960	\$ 263.51	\$ 46.85	\$ 73.57	\$ -	\$ 383.93	13288	824	\$ 23.81
643	3.0	10	PVC	C322A	MH-322	5.94	Yes	1990	\$ 443.72	\$ 84.10	\$ 112.71	\$ -	\$ 640.52	13288	4732	\$ 228.09
644	3.0	10	PVC	MH-322	C322out	5.94	Yes	1990	\$ 450.03	\$ 85.29	\$ 114.31	\$ -	\$ 649.63	13288	4732	\$ 231.34
645	1.5	8	PVC	B224A	MH-224	7.15	Yes	1990	\$ 197.65	\$ 48.28	\$ 55.18	\$ -	\$ 301.11	13288	4732	\$ 107.23
646	4.5	8	PVC	B224A1	B224A	8.00	Yes	1990	\$ 592.94	\$ 162.17	\$ 165.55	\$ -	\$ 920.66	13288	4732	\$ 327.85
647	1.3	8	VCP	C224A	B224A1	8.00	Yes	1960	\$ 169.83	\$ 46.45	\$ 47.42	\$ -	\$ 263.69	13288	824	\$ 16.35
648	4.5	8	PVC	MH-224	C224	7.15	Yes	1990	\$ 592.93	\$ 144.84	\$ 165.55	\$ -	\$ 903.32	13288	4732	\$ 321.68
650	3.1	8	VCP	MH-371	C371	7.26	Yes	1960	\$ 406.24	\$ 100.76	\$ 113.42	\$ -	\$ 620.42	13288	824	\$ 38.47
651	2.7	8	PVC	C371B	MH-371	7.26	Yes	1990	\$ 351.41	\$ 87.16	\$ 98.11	\$ -	\$ 536.69	13288	4732	\$ 191.12
652	1.0	6	PVC	B371A	371	7.12	Yes	1990	\$ 126.69	\$ 30.07	\$ 35.47	\$ -	\$ 192.23	13288	4732	\$ 68.45
654	1.0	6	PVC	C371A	B371A1	8.00	Yes	1990	\$ 126.71	\$ 33.79	\$ 35.48	\$ -	\$ 195.97	13288	4732	\$ 69.79
656	7.6	10	PVC	C254A	MH-254	8.00	Yes	1990	\$ 1,137.52	\$ 290.36	\$ 288.93	\$ -	\$ 1,716.81	13288	4732	\$ 611.36
657	3.0	10	PVC	MH-254	C254out	8.00	Yes	1990	\$ 450.02	\$ 114.87	\$ 114.31	\$ -	\$ 679.20	13288	4732	\$ 241.87
658	2.0	8	PVC	R254B	MH-254	8.00	Yes	1990	\$ 263.53	\$ 72.08	\$ 73.58	\$ -	\$ 409.18	13288	4732	\$ 145.71
659	2.5	6	PVC	C254B	R254B	8.00	Yes	1990	\$ 316.74	\$ 84.46	\$ 88.69	\$ -	\$ 489.89	13288	4732	\$ 174.45
664	146.0	8	PVC	MH-387A	MH-387	6.23	Yes	1990	\$ 19,241.98	\$ 4,095.09	\$ 5,372.40	\$ -	\$ 28,709.47	13288	4732	\$ 10,223.54
665	256.4	8	VCP	MH-422A	422	8.00	Yes	1960	\$ 33,789.16	\$ 9,241.48	\$ 9,434.01	\$ -	\$ 52,464.66	13288	824	\$ 3,253.31
666	310.7	8	VCP	MH-386A	MH-386	9.50	Yes	1960	\$ 42,830.20	\$ 13,289.96	\$ 11,430.72	\$ -	\$ 67,550.88	13288	824	\$ 4,188.80
688	487.3	10	VCP	MH-321	MH-316	9.38	Yes	1960	\$ 81,983.51	\$ 21,864.33	\$ 18,566.10	\$ -	\$ 122,413.93	13288	824	\$ 7,590.84
705	24.9	8	Unknown	MH-491B	MH-491A	8.00	Yes	1960	\$ 3,276.84	\$ 896.23	\$ 914.90	\$ -	\$ 5,087.97	13288	824	\$ 315.50
706	47.4	8	PVC	MH-491A	MH-491	7.27	Yes	1990	\$ 6,249.68	\$ 1,553.34	\$ 1,744.93	\$ -	\$ 9,547.95	13288	4732	\$ 3,400.06
713	69.1	30	PE	MH-R1	WWTP	9.48	No	10/1/1985	\$ 34,825.81	\$ -	\$ -	\$ 1,167.87	\$ 35,993.68	13288	4195	\$ 11,362.92
714	69.1	30	RCP	MH-1	WWTP	8.00	No	1960	\$ 33,331.46	\$ -	\$ -	\$ 1,167.07	\$ 34,498.53	13288	824	\$ 2,139.24
749	194.9	8	PVC	MH-292C	MH-292B	8.90	Yes	5/1/1988	\$ 26,862.34	\$ 7,812.90	\$ 7,169.14	\$ -	\$ 41,844.39	13288	4519	\$ 14,230.21
780	224.9	8	VCP	MH-111	MH-110	5.75	Yes	1960	\$ 29,636.15	\$ 5,825.91	\$ 8,274.48	\$ -	\$ 43,736.53	13288	824	\$ 2,712.08
781	249.9	8	VCP	MH-110	MH-109	6.68	Yes	1960	\$ 32,932.91	\$ 7,521.09	\$ 9,194.94	\$ -	\$ 49,648.95	13288	824	\$ 3,078.71
782	298.0	8	VCP	MH-109	MH-108	7.27	Yes	1960	\$ 39,264.28	\$ 9,759.02	\$ 10,962.68	\$ -	\$ 59,985.97	13288	824	\$ 3,719.70
789	70.7	8	VCP	MH-147	MH-146	6.16	Yes	1960	\$ 9,316.88	\$ 1,962.12	\$ 2,601.29	\$ -	\$ 13,880.30	13288	824	\$ 860.71
795	171.3	10	VCP	MH-301	MH-298	7.77	Yes	5/1/1988	\$ 25,698.41	\$ 6,371.06	\$ 6,527.50	\$ -	\$ 38,596.98	13288	4519	\$ 13,125.84
800	137.8	8	VCP	MH-490B	MH-491	6.53	Yes	1960	\$ 18,160.39	\$ 4,054.27	\$ 5,070.42	\$ -	\$ 27,285.08	13288	824	\$ 1,691.94
801	49.7	8	VCP	MH-490C	MH-490B	7.26	Yes	1960	\$ 6,546.21	\$ 1,624.80	\$ 1,827.72	\$ -	\$ 9,998.73	13288	824	\$ 620.02
802	68.5	8	VCP	MH-490D	MH-490C	8.00	Yes	1960	\$ 9,020.93	\$ 2,467.26	\$ 2,518.66	\$ -	\$ 14,006.85	13288	824	\$ 868.56
803	177.4	8	VCP	MH-489A	MH-490	7.69	Yes	1960	\$ 23,376.89	\$ 6,141.93	\$ 6,526.88	\$ -	\$ 36,045.70	13288	824	\$ 2,235.18
811	57.8	8	VCP	MH-170	MH-170	8.00	Yes	1960	\$ 7,616.73	\$ 2,083.21	\$ 2,126.61	\$ -	\$ 11,826.54	13288	824	\$ 733.36
822	468.4	8	VCP	MH-197	MH-195	6.78	Yes	1960	\$ 61,716.11	\$ 14,305.48	\$ 17,231.28	\$ -	\$ 93,252.86	13288	824	\$ 5,782.57
868	136.8	8	VCP	MH-368	MH-367	9.48	Yes	1960	\$ 18,854.33	\$ 5,838.07	\$ 5,031.93	\$ -	\$ 29,724.33	13288	824	\$ 1,843.19
880	167.8	8	VCP	MH-395	MH-394	9.48	Yes	1960	\$ 23,129.25	\$ 7,165.53	\$ 6,172.84	\$ -	\$ 36,467.62	13288	824	\$ 2,261.34
881	66.8	6	PVC	MH-415	MH-414	5.43	No	1990	\$ 8,461.33	\$ -	\$ -	\$ 1,128.18	\$ 9,589.51	13288	4732	\$ 3,414.86
882	9.8	6	CI	MH-415	MH-414	5.43	Yes	1960	\$ 1,240.83	\$ 224.38	\$ 347.43	\$ -	\$ 1,812.64	13288	824	\$ 112.40
883	160.5	8	VCP	MH-486	MH-485	8.13	Yes	1960	\$ 22,121.68	\$ 5,877.43	\$ 5,903.94	\$ -	\$ 33,903.05	13288	824	\$ 2,102.31
885	29.7	8	VCP	MH-74A	MH-74	8.18	Yes	1960	\$ 4,089.40	\$ 1,092.51	\$ 1,091.40	\$ -	\$ 6,273.31	13288	824	\$ 389.01
886	208.5	10	VCP	MH-477	MH-476	10.58	Yes	1960	\$ 35,081.17	\$ 10,553.41	\$ 7,944.53	\$ -	\$ 53,579.11	13288	824	\$ 3,322.42
888	140.9	8	VCP	MH-288A	MH-288	6.33	Yes	1960	\$ 18,561.24	\$ 4,016.84	\$ 5,182.34	\$ -	\$ 27,760.42	13288	824	\$ 1,721.41
889	191.6	8	VCP	MH-53	MH-51	10.26	Yes	1960	\$ 26,408.77	\$ 8,850.39	\$ 7,048.09	\$ -	\$ 42,307.25	13288	824	\$ 2,623.45
890	202.6	8	VCP	MH-44	MH-42	7.33	Yes	1960	\$ 26,690.21	\$ 6,683.96	\$ 7,451.97	\$ -	\$ 40,826.13	13288	824	\$ 2,531.61
892	274.7	8	TRUSS	MH-205	MH-203	8.00	Yes	1960	\$ 36,192.97	\$ 9,898.93	\$ 10,105.16	\$ -	\$ 56,197.06	13288	824	\$ 3,484.76
895	63.4	8	VCP	MH-361	MH-349	6.42	Yes	1960	\$ 8,349.51	\$ 1,832.61	\$ 2,331.20	\$ -	\$ 12,513.33	13288	824	\$ 775.95
896	174.8	8	VCP	MH-489C	MH-489B	8.00	Yes	1960	\$ 23,030.28	\$ 6,298.88	\$ 6,430.11	\$ -	\$ 35,759.27	13288	824	\$ 2,217.42
897	26.5	8	VCP	MH-309	MH-308	5.78	Yes	5/1/1988	\$ 3,496.87	\$ 690.41	\$ 976.33	\$ -	\$ 5,163.61	13288	4519	\$ 1,756.01
TOTAL Account No. 361.2 Collection Sewers - Gravity																\$ 3,221,022.93

Notes:

1. Data obtained from Greenville Sanitary Authority GIS data.
2. In road vs. out of road assigned visually using GIS and aerial mapping.
3. Average depth assigned based on upstream and downstream manhole depths where available. For pipe segments lacking upstream and downstream manhole data, depth was assumed to be 8 feet.
4. Refer to Appendix C for unit cost breakdown.
5. Unit prices include excavation, pipe bedding, installation, backfill, restoration, traffic control, etc.

Greenville Sanitary Authority, Mercer County, Pennsylvania
Original Cost of Sanitary Sewer System
February 2024
Account No. 362.2 Collection Sewers - Manholes

Account No.	Notes	ID	Depth	Year Constructed	Current Evaluation	Current ENR Construction Cost Index	Old ENR Construction Cost Index	Original Cost
362.2	1,2,3,5	Collection Sewers - Manholes						
		B224A	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		B224A1	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		B344A	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		B344A2	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		B371A	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		B371A1	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		B382	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		C132	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		C132B	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		C132C	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		C224	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		C224A	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		C254	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		C254A	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		C254B	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		C322	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		C322A	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		C343	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		C343A	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		C343B	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		C344	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		C345	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		C371	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		C371A	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		C371B	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		C382A	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		C382B	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		C382C	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		C672	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		C673	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		CO-617	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		CO-618	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-1	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-10	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-100	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-101	6.76	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-102	7.41	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-103	6.01	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-104	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-105	6.58	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-106	7.27	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-107	5.2	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-108	6.93	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-109	7.61	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-10A	9.98	1960	\$ 6,326.13	13288	824	\$ 392.28
		MH-11	9.62	1960	\$ 6,171.06	13288	824	\$ 382.66
		MH-110	5.75	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-111	5.75	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-112	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-113	6.81	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-114	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-115	6.49	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-116	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-117	4.7	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-118	4.81	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-119	6.23	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-12	9.36	1960	\$ 6,059.06	13288	824	\$ 375.72
		MH-120	7.44	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-121	6.45	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-122	11.1	1960	\$ 6,808.59	13288	824	\$ 422.20
		MH-123	8.83	1960	\$ 5,830.75	13288	824	\$ 361.56
		MH-124	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-125	6.7	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-126	5.28	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-127	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-128	7.36	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-128A	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-129	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-129A	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-13	10.43	1960	\$ 6,519.97	13288	824	\$ 404.30
		MH-131	7.3	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-132	6.2	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-133	7.78	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-134	7.01	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-135	7.99	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-136	8.7	1960	\$ 5,774.75	13288	824	\$ 358.09
		MH-137	7.55	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-138	7.74	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-139	8.22	1960	\$ 5,567.99	13288	824	\$ 345.27
		MH-14	13.41	1960	\$ 7,803.65	13288	824	\$ 483.90
		MH-140	7.1	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-141	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-141A	9.71	1960	\$ 6,209.82	13288	824	\$ 385.07
		MH-143	8.19	1960	\$ 5,555.07	13288	824	\$ 344.47
		MH-144	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-145	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-146	4.32	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-147	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-149	9.65	1960	\$ 6,183.98	13288	824	\$ 383.47
		MH-15	12.15	1960	\$ 7,260.89	13288	824	\$ 450.24
		MH-150	5.47	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-151	10.87	1960	\$ 6,709.51	13288	824	\$ 416.05
		MH-152	5.37	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-153	5.99	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-154	5.44	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-155	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-156	6.97	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-156A	7.28	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-156B	5.9	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-157	6.46	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-158	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-159	5.86	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-16	4.14	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-160	6.81	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-161	8	1960	\$ 5,473.22	13288	824	\$ 339.39

		MH-162	7.28	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-162A-1	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-162A-2	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-164	6.25	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-165	7.4	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-165A	6.24	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-166	7.39	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-167	8.89	1960	\$ 5,856.60	13288	824	\$ 363.17
		MH-167A	8.45	1960	\$ 5,667.06	13288	824	\$ 351.41
		MH-168	6.69	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-168A	7.54	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-169	7.08	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-17	8.18	1960	\$ 5,550.76	13288	824	\$ 344.20
		MH-170	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-171	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-172	6.1	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-173	4.97	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-174	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-175	6.11	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-176	11.19	1960	\$ 6,847.35	13288	824	\$ 424.60
		MH-177	9.64	1960	\$ 6,179.67	13288	824	\$ 383.20
		MH-178	7.6	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-179	6.16	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-18	9.11	1960	\$ 5,951.37	13288	824	\$ 369.04
		MH-180	6.58	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-181	7.78	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-182	5.35	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-183	6.9	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-183A	6.11	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-184	7.25	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-185	7.25	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-186	8.19	1960	\$ 5,555.07	13288	824	\$ 344.47
		MH-187	6.25	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-188	7.66	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-189	7.42	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-19	7.46	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-190	8.44	1960	\$ 5,662.76	13288	824	\$ 351.15
		MH-191	8.11	1960	\$ 5,520.60	13288	824	\$ 342.33
		MH-192	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-193	6.77	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-193A	6.6	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-194	5.32	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-195	5.93	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-196	5.06	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-197	7.63	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-198	5.97	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-199	7.14	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-2	12.52	1960	\$ 7,420.27	13288	824	\$ 460.13
		MH-20	9.51	1960	\$ 6,123.67	13288	824	\$ 379.73
		MH-200	6.2	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-201	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-202	7.88	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-203	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-204	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-205	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-205A	5.69	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-206	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-207	8.79	1960	\$ 5,813.52	13288	824	\$ 360.49
		MH-208	7.24	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-209	5.83	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-21	8.64	1960	\$ 5,748.91	13288	824	\$ 356.49
		MH-210	4.47	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-211	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-212	6.95	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-213	6.45	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-214	6.71	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-215	5.67	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-218	7.59	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-219	6.89	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-219A	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-219B	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-22	8.26	1960	\$ 5,585.22	13288	824	\$ 346.34
		MH-220	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-221	6.75	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-222	6.76	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-223	6.89	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-224	6.29	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-225	6.41	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-226	6.41	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-227	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-229	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-23	8.07	1960	\$ 5,503.37	13288	824	\$ 341.26
		MH-230	7.48	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-231	7.3	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-232	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-233	7.65	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-234	7.51	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-235	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-236	6.64	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-236	6.64	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-237	7.66	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-238	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-239	8.71	1960	\$ 5,779.06	13288	824	\$ 358.36
		MH-24	9.41	1960	\$ 6,080.60	13288	824	\$ 377.06
		MH-240	9.41	1960	\$ 6,080.60	13288	824	\$ 377.06
		MH-241	6.63	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-242	8.29	1960	\$ 5,598.14	13288	824	\$ 347.14
		MH-243	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-243A	6.92	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-244	6.92	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-245	7.03	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-246	6.87	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-247	9.23	1960	\$ 6,003.06	13288	824	\$ 372.25
		MH-248	8.2	1960	\$ 5,559.37	13288	824	\$ 344.73
		MH-249	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-25	7.36	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-250	6.71	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-251	6.1	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-252	13.77	1960	\$ 7,958.72	13288	824	\$ 493.52
		MH-253	10.4	1960	\$ 6,507.05	13288	824	\$ 403.50
		MH-254	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-255	7.55	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-256	7.15	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-257	6.1	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-258	5.77	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-259	6.5	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-26	7.67	1960	\$ 5,473.22	13288	824	\$ 339.39

		MH-26	7.67	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-260	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-261	7.91	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-261A	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-261B	8.5	1960	\$ 5,688.60	13288	824	\$ 352.75
		MH-261C	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-261D	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-261E	9.8	1960	\$ 6,248.59	13288	824	\$ 387.47
		MH-263	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-264	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-266	10.85	1960	\$ 6,700.89	13288	824	\$ 415.52
		MH-266A	5	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-267	4.78	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-267A	8.74	1960	\$ 5,791.98	13288	824	\$ 359.16
		MH-268	7.59	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-27	5.33	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-270	4.68	1/1/1991	\$ 5,473.22	13288	4777	\$ 1,967.57
		MH-270A	5.05	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-271	7.14	1/1/1991	\$ 5,473.22	13288	4777	\$ 1,967.57
		MH-271A	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-272	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-273	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-274	6.02	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-275	4.53	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-276	2.97	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-277	6.65	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-278	6.65	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-279	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-28	6.91	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-280	12.15	1960	\$ 7,260.89	13288	824	\$ 450.24
		MH-281	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-283	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-284	9.55	1960	\$ 6,140.90	13288	824	\$ 380.79
		MH-284A	8.79	1960	\$ 5,813.52	13288	824	\$ 360.49
		MH-284A-1	6.25	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-284A-2	4.09	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-284A-3	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-284A-4	6.19	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-284A-5	3.48	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-284B	9.64	1960	\$ 6,179.67	13288	824	\$ 383.20
		MH-285	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-286	9.63	1960	\$ 6,175.36	13288	824	\$ 382.93
		MH-287	8.43	1960	\$ 5,658.45	13288	824	\$ 350.88
		MH-287A	6.22	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-288	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-288A	4.66	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-29	5.95	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-290	7.13	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-291	9.25	1960	\$ 6,011.67	13288	824	\$ 372.78
		MH-291A	10.45	1960	\$ 6,528.59	13288	824	\$ 404.84
		MH-291A-1	8.55	1960	\$ 5,710.14	13288	824	\$ 354.08
		MH-291B	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-292	10.09	5/1/1988	\$ 6,373.51	13288	4519	\$ 2,167.47
		MH-292A	9.24	5/1/1988	\$ 6,007.37	13288	4519	\$ 2,042.95
		MH-292B	9.8	5/1/1988	\$ 6,248.59	13288	4519	\$ 2,124.99
		MH-292C	8	5/1/1988	\$ 5,473.22	13288	4519	\$ 1,861.30
		MH-293	7.63	5/1/1988	\$ 5,473.22	13288	4519	\$ 1,861.30
		MH-293A	5.51	5/1/1988	\$ 5,473.22	13288	4519	\$ 1,861.30
		MH-294	8.81	5/1/1988	\$ 5,822.14	13288	4519	\$ 1,979.96
		MH-294A	7.35	1/1/1991	\$ 5,473.22	13288	4777	\$ 1,967.57
		MH-295	11.03	1/1/1991	\$ 6,778.43	13288	4777	\$ 2,436.78
		MH-295A	7.45	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-295B	7.93	1/1/1991	\$ 5,473.22	13288	4777	\$ 1,967.57
		MH-295C	7.28	1/1/1991	\$ 5,473.22	13288	4777	\$ 1,967.57
		MH-295D	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-297	5.83	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-298	8.19	5/1/1988	\$ 5,555.07	13288	4519	\$ 1,889.14
		MH-299	5.13	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-3	11.41	1960	\$ 6,942.12	13288	824	\$ 430.48
		MH-30	6.48	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-300	4.79	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-301	7.35	5/1/1988	\$ 5,473.22	13288	4519	\$ 1,861.30
		MH-302	4.12	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-303	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-304	7.66	5/1/1988	\$ 5,473.22	13288	4519	\$ 1,861.30
		MH-304A	3.33	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-305	6.27	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-306	4.87	5/1/1988	\$ 5,473.22	13288	4519	\$ 1,861.30
		MH-307	3.58	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-308	4.1	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-309	7.45	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-31	7.13	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-310	8.58	1960	\$ 5,723.06	13288	824	\$ 354.88
		MH-311	7.86	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-31-1	5.29	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-312	8.58	1960	\$ 5,723.06	13288	824	\$ 354.88
		MH-31-2	5.66	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-313	10.89	1960	\$ 6,718.12	13288	824	\$ 416.59
		MH-314	11.13	1960	\$ 6,821.51	13288	824	\$ 423.00
		MH-316	7.79	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-317	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-318	6.1	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-319	3.05	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-31A	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-31B	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-32	6.56	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-320	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-321	10.96	1960	\$ 6,748.28	13288	824	\$ 418.46
		MH-322	3.88	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-323	10.28	1960	\$ 6,455.36	13288	824	\$ 400.29
		MH-324	10.35	1960	\$ 6,485.51	13288	824	\$ 402.16
		MH-325	7.81	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-326	8.09	1960	\$ 5,511.99	13288	824	\$ 341.80
		MH-326A	10.56	1960	\$ 6,575.97	13288	824	\$ 407.77
		MH-326B	10.35	1960	\$ 6,485.51	13288	824	\$ 402.16
		MH-326C	9.64	1960	\$ 6,179.67	13288	824	\$ 383.20
		MH-33	6.84	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-330	8.27	1960	\$ 5,589.53	13288	824	\$ 346.60
		MH-331	9.07	1960	\$ 5,934.14	13288	824	\$ 367.97
		MH-332	9.62	1960	\$ 6,171.06	13288	824	\$ 382.66
		MH-333	5.5	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-334	8.17	1960	\$ 5,546.45	13288	824	\$ 343.93
		MH-335	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-336	5.15	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-337	3.93	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-338	2.72	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-34	6.93	1960	\$ 5,473.22	13288	824	\$ 339.39

		MH-340	10.13	1960	\$ 6,390.75	13288	824	\$ 396.29
		MH-341	9.19	1960	\$ 5,985.83	13288	824	\$ 371.18
		MH-342	3.75	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-343	6.63	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-344	2.4	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-345	4.56	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-346	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-347	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-348	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-349	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-349A	4.22	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-349B	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-35	11.28	1960	\$ 6,886.12	13288	824	\$ 427.01
		MH-350	11.28	1960	\$ 6,886.12	13288	824	\$ 427.01
		MH-351	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-352	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-353	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-355	7.49	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-356	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-357	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-357A	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-358	10.95	1960	\$ 6,743.97	13288	824	\$ 418.19
		MH-359	9.48	1960	\$ 6,110.75	13288	824	\$ 378.92
		MH-360	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-361	4.84	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-362	4.6	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-363	7.19	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-364	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-365	4.94	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-366	6.15	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-367	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-368	10.95	1960	\$ 6,743.97	13288	824	\$ 418.19
		MH-369	9.95	1960	\$ 6,313.21	13288	824	\$ 391.48
		MH-37	10.33	1960	\$ 6,476.90	13288	824	\$ 401.63
		MH-370	10.49	1960	\$ 6,545.82	13288	824	\$ 405.90
		MH-371	6.51	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-372	8.23	1960	\$ 5,572.30	13288	824	\$ 345.54
		MH-373	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-374	4.07	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-375	18.27	1960	\$ 9,897.15	13288	824	\$ 613.72
		MH-375A-1	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-376	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-377	4.96	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-378	11.12	1960	\$ 6,817.20	13288	824	\$ 422.73
		MH-379	10.19	1960	\$ 6,416.59	13288	824	\$ 397.89
		MH-38	7.53	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-380	7.38	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-381	5.41	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-382	8.25	1960	\$ 5,580.91	13288	824	\$ 346.07
		MH-383	3.45	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-384	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-385	12.54	1960	\$ 7,428.88	13288	824	\$ 460.66
		MH-386	10.99	1960	\$ 6,761.20	13288	824	\$ 419.26
		MH-387	4.45	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-388	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-389	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-39	7.36	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-390	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-391	4.65	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-392	6.45	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-393	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-394	10.96	1960	\$ 6,748.28	13288	824	\$ 418.46
		MH-395	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-396	4.97	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-397	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-398	7.78	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-399	6.76	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-4	11.47	1960	\$ 6,967.97	13288	824	\$ 432.08
		MH-40	6.19	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-400	9.27	1960	\$ 6,020.29	13288	824	\$ 373.32
		MH-401	5.58	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-402	14.83	1960	\$ 8,415.33	13288	824	\$ 521.83
		MH-403	13.65	1960	\$ 7,907.03	13288	824	\$ 490.31
		MH-404	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-405	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-407	7.73	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-408	7.02	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-409	3.81	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-41	4.1	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-410	7.16	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-411	7.16	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-412	5.94	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-412A	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-413	7.37	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-414	7.16	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-415	3.69	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-416	4.4	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-417	8.74	1960	\$ 5,791.98	13288	824	\$ 359.16
		MH-418	5.19	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-419	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-42	6.65	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-420	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-421	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-422	6.62	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-425	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-426	7.66	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-427	8.69	1960	\$ 5,770.45	13288	824	\$ 357.82
		MH-427A	3.42	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-428	3.13	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-429	5.26	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-43	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-430	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-431	9.35	1960	\$ 6,054.75	13288	824	\$ 375.45
		MH-432	7.68	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-433	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-434	4.93	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-434A	5.52	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-435	8.66	1960	\$ 5,757.52	13288	824	\$ 357.02
		MH-436	12.41	1960	\$ 7,372.88	13288	824	\$ 457.19
		MH-437	6.09	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-438	8.17	1960	\$ 5,546.45	13288	824	\$ 343.93
		MH-439	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-44	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-440	11.16	1960	\$ 6,834.43	13288	824	\$ 423.80
		MH-441	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-442	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-443	8	1960	\$ 5,473.22	13288	824	\$ 339.39

		MH-444	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-445	14.59	1960	\$ 8,311.95	13288	824	\$ 515.42
		MH-446	5.77	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-447	6.85	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-448	8.14	1960	\$ 5,533.53	13288	824	\$ 343.13
		MH-449	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-45	6.22	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-450	7.95	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-451	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-452	7.27	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-453	7.5	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-454	5.97	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-455	4.96	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-457	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-458	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-459	7.91	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-46	5.46	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-460	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-461	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-462	9.65	1960	\$ 6,183.98	13288	824	\$ 383.47
		MH-463	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-464	10.79	1960	\$ 6,675.05	13288	824	\$ 413.92
		MH-465	6.74	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-466	6.86	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-467	8.25	1960	\$ 5,580.91	13288	824	\$ 346.07
		MH-468	7.75	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-469	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-47	5.82	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-470	8.49	1960	\$ 5,684.29	13288	824	\$ 352.48
		MH-470A	8.38	1960	\$ 5,636.91	13288	824	\$ 349.54
		MH-471	10.28	1960	\$ 6,455.36	13288	824	\$ 400.29
		MH-472	9.81	1960	\$ 6,252.90	13288	824	\$ 387.74
		MH-472A	10.13	1960	\$ 6,390.75	13288	824	\$ 396.29
		MH-473	7.67	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-473A	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-474	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-475	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-476	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-477	13.15	1960	\$ 7,691.65	13288	824	\$ 476.96
		MH-478	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-479-DNF	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-48	8.42	1960	\$ 5,654.14	13288	824	\$ 350.61
		MH-480	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-481	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-482	6.44	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-483	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-484	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-485	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-486	8.26	1960	\$ 5,585.22	13288	824	\$ 346.34
		MH-487	7.35	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-488	7.16	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-489	7.44	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-489A	7.37	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-489B	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-49	7.43	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-490	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-490A	6.53	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-490B	6.52	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-491	6.54	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-491A	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-492	5	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-493	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-494	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-495	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-496	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-5	10.57	1960	\$ 6,580.28	13288	824	\$ 408.04
		MH-50	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-502	6.63	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-503	6.39	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-503A	5.15	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-503B	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-504	7.1	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-504A	6.14	7/1/1994	\$ 5,473.22	13288	5409	\$ 2,227.88
		MH-504B	6.74	7/1/1994	\$ 5,473.22	13288	5409	\$ 2,227.88
		MH-505	5.42	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-506	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-506A	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-507	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-508	3.89	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-509	3.67	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-509A	3.79	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-51	12.51	1960	\$ 7,415.96	13288	824	\$ 459.86
		MH-510	4.79	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-510A	3.9	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-512	3.93	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-513	3.67	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-514	2.88	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-515	4.05	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-516	6.75	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-517	7.65	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-518	8.19	1960	\$ 5,555.07	13288	824	\$ 344.47
		MH-519	7.81	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-52	9.9	1960	\$ 6,291.67	13288	824	\$ 390.14
		MH-520	5.5	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-521	7.68	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-522	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-523	8.49	1960	\$ 5,684.29	13288	824	\$ 352.48
		MH-524	10.26	1960	\$ 6,446.74	13288	824	\$ 399.76
		MH-525	10.16	1960	\$ 6,403.67	13288	824	\$ 397.09
		MH-526	8.41	1960	\$ 5,649.83	13288	824	\$ 350.34
		MH-527	7.75	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-528	6.01	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-529	9.46	1960	\$ 6,102.13	13288	824	\$ 378.39
		MH-53	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-530	9.28	1960	\$ 6,024.60	13288	824	\$ 373.58
		MH-531	9.52	1960	\$ 6,127.98	13288	824	\$ 379.99
		MH-534	9.32	1960	\$ 6,041.83	13288	824	\$ 374.65
		MH-535	11.36	1960	\$ 6,920.58	13288	824	\$ 429.14
		MH-536	6.98	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-537	10.46	1960	\$ 6,532.90	13288	824	\$ 405.10
		MH-538	7.17	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-539	6.7	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-54	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-540	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-541	6.11	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-542	7.77	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-55	8.75	1960	\$ 5,796.29	13288	824	\$ 359.43

		MH-56	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-56A	8.71	1960	\$ 5,779.06	13288	824	\$ 358.36
		MH-56B	8.7	1960	\$ 5,774.75	13288	824	\$ 358.09
		MH-57	9.35	1960	\$ 6,054.75	13288	824	\$ 375.45
		MH-58	9.05	1960	\$ 5,925.52	13288	824	\$ 367.44
		MH-59	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-6	11.53	1960	\$ 6,993.81	13288	824	\$ 433.68
		MH-60	10.85	1960	\$ 6,700.89	13288	824	\$ 415.52
		MH-61	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-62	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-63	7.41	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-63A	5.48	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-64	9.47	1960	\$ 6,106.44	13288	824	\$ 378.66
		MH-65	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-66	5.51	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-67	4.64	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-68	6.53	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-69	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-7	14.58	1960	\$ 8,307.64	13288	824	\$ 515.15
		MH-70	11.69	1960	\$ 7,062.74	13288	824	\$ 437.96
		MH-71	7.52	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-72	7.7	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-73	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-74	8.35	1960	\$ 5,623.99	13288	824	\$ 348.74
		MH-74A	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-75	6.28	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-76	6.22	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-77	5.12	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-78	5.84	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-79	6.65	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-8	13.46	1960	\$ 7,825.19	13288	824	\$ 485.24
		MH-80	7.7	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-81	6.31	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-81A	8.24	1960	\$ 5,576.60	13288	824	\$ 345.80
		MH-82A	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-83	11.41	1960	\$ 6,942.12	13288	824	\$ 430.48
		MH-83A	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-84	7.45	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-85	8.01	1960	\$ 5,477.53	13288	824	\$ 339.66
		MH-86	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-87	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-88	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-89	7.41	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-9	13.49	1960	\$ 7,838.11	13288	824	\$ 486.04
		MH-90	6.25	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-90A	6.84	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-92	7.96	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-93	7.92	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-94	11.75	1960	\$ 7,088.58	13288	824	\$ 439.56
		MH-95	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-95A	6.85	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-96	7.48	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-97	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-97	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-98	7.46	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-99	7.05	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-MH-532	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-MH-533	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-P1-5	10.74	6/1/1997	\$ 6,653.51	13288	5860	\$ 2,934.13
		MH-P1-6	9.2	6/1/1997	\$ 5,990.14	13288	5860	\$ 2,641.59
		MH-P1-7	9.83	6/1/1997	\$ 6,261.52	13288	5860	\$ 2,761.27
		MH-P2-1	10.38	6/1/1997	\$ 6,498.44	13288	5860	\$ 2,865.75
		MH-P2-2	7.9	6/1/1997	\$ 5,473.22	13288	5860	\$ 2,413.64
		MH-P2-3	6.01	6/1/1997	\$ 5,473.22	13288	5860	\$ 2,413.64
		MH-P2-4	8.42	6/1/1997	\$ 5,654.14	13288	5860	\$ 2,493.42
		MH-P3-10	12.51	2/1/1997	\$ 7,415.96	13288	5769	\$ 3,219.58
		MH-P3-8	9.74	2/1/1997	\$ 6,222.75	13288	5769	\$ 2,701.56
		MH-P3-9	9.56	2/1/1997	\$ 6,145.21	13288	5769	\$ 2,667.90
		MH-R1	10.96	10/1/1985	\$ 6,748.28	13288	4195	\$ 2,130.38
		MH-R10	11.34	10/1/1985	\$ 6,911.97	13288	4195	\$ 2,182.05
		MH-R11	11.08	10/1/1985	\$ 6,799.97	13288	4195	\$ 2,146.70
		MH-R12	8.98	10/1/1985	\$ 5,895.37	13288	4195	\$ 1,861.12
		MH-R13	9.07	10/1/1985	\$ 5,934.14	13288	4195	\$ 1,873.36
		MH-R14	9.25	1960	\$ 6,011.67	13288	824	\$ 372.78
		MH-R2	12.51	10/1/1985	\$ 7,415.96	13288	4195	\$ 2,341.16
		MH-R3	12.82	10/1/1985	\$ 7,549.50	13288	4195	\$ 2,383.32
		MH-R4	8.82	10/1/1985	\$ 5,826.45	13288	4195	\$ 1,839.36
		MH-R5	8.9	10/1/1985	\$ 5,860.91	13288	4195	\$ 1,850.24
		MH-R6	12.24	10/1/1985	\$ 7,299.65	13288	4195	\$ 2,304.44
		MH-R7	9.01	10/1/1985	\$ 5,908.29	13288	4195	\$ 1,865.20
		MH-R8	12.18	10/1/1985	\$ 7,273.81	13288	4195	\$ 2,296.28
		MH-R9	14.1	10/1/1985	\$ 8,100.87	13288	4195	\$ 2,557.38
	4	MH-X1	8	1960	\$ 5,473.22	13288	824	\$ 339.39
	4	MH-X10	8	1960	\$ 5,473.22	13288	824	\$ 339.39
	4	MH-X11	8	1960	\$ 5,473.22	13288	824	\$ 339.39
	4	MH-X12	8	1960	\$ 5,473.22	13288	824	\$ 339.39
	4	MH-X13	8	10/1/1985	\$ 5,473.22	13288	4195	\$ 1,727.85
	4	MH-X14	8	10/1/1985	\$ 5,473.22	13288	4195	\$ 1,727.85
	4	MH-X2	8	1960	\$ 5,473.22	13288	824	\$ 339.39
	4	MH-X3	8	1960	\$ 5,473.22	13288	824	\$ 339.39
	4	MH-X4	8	1960	\$ 5,473.22	13288	824	\$ 339.39
	4	MH-X5	8	1960	\$ 5,473.22	13288	824	\$ 339.39
	4	MH-X6	8	1960	\$ 5,473.22	13288	824	\$ 339.39
	4	MH-X7	8	1960	\$ 5,473.22	13288	824	\$ 339.39
	4	MH-X8	8	1960	\$ 5,473.22	13288	824	\$ 339.39
	4	MH-X9	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		MH-Y382	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		R132C	8	1960	\$ 5,473.22	13288	824	\$ 339.39
		R254B	8	1960	\$ 5,473.22	13288	824	\$ 339.39
TOTAL Account No. 362.2 Collection Sewers - Manholes								\$ 316,859.45

Notes:

1. Data obtained from Greenville Sanitary Authority GIS data.
2. For manholes lacking depth data, depth was assumed to be 8 feet.
3. Refer to Appendix C for unit cost breakdown.
4. Greenville Sanitary Authority GIS data did not include manhole ID. Unique manhole ID manually assigned.
5. Unit prices include excavation, stone subbase, installation, backfill, restoration, traffic control, etc.

Greenville Sanitary Authority, Mercer County, Pennsylvania
Original Cost of Sanitary Sewer System
February 2024
Account No. 363.2 Services to Customers - Laterals

Account No.	Notes	Description	Count	Year Constructed	Lateral Cost	Current Evaluation	Current ENR Construction Cost Index	Old ENR Construction Cost Index	Original Cost
363.2		Services to Customers - Laterals							
	1,2,3	Service Laterals	2,268	1960	\$ 3,248.46	\$ 7,367,502.18	13288	824	\$ 456,855.69
TOTAL Account No. 363.2 Services to Customers - Laterals									\$ 456,855.69

Notes:

1. All laterals assumed to be part of original system.
2. Unit prices include excavation, pipe bedding, installation, backfill, restoration, traffic control, etc.
3. Greenville Sanitary Authority services a total of 4,007 customers in Greenville Borough (2,268), Hempfield Township (1,168), and West Salem Township (571). Only Greenville Borough customer laterals included.

Greenville Sanitary Authority, Mercer County, Pennsylvania
Original Cost of Sanitary Sewer System
February 2024
Account No. 371 Pump Station Pumping Equipment

Account No.	Notes	Description	Year Constructed	Quantity	Units	Unit Price	Current Evaluation	Current ENR Construction Cost Index	Old ENR Construction Cost Index	Original Cost
371		Pump Station Pumping Equipment								
	1,2,3	Barrett Street Pump Station								
		Grinder Pump Replacement	2020	2	Each	\$ 3,012.01	\$ 6,024.02	13288	11466	\$ 5,197.92
	1,2,3	Penn Avenue Pump Station								
		Grinder Pump Replacement	2021	2	Each	\$ 3,012.01	\$ 6,024.02	13288	12134	\$ 5,500.75
	1,2,3	North Front Street Pump Station								
		Grinder Pumps	1997	2	Each	\$ 3,012.01	\$ 6,024.02	13288	5838	\$ 2,646.56
TOTAL Account No. 371 Pump Station Pumping Equipment										\$ 13,345.24

Notes:

1. Unit price for grinder pumps provided by Greenville Sanitary Authority based on most recent pump replacement.
2. Additional pump replacements may have occurred, but there were none of record.
3. All pump stations are equipped with identical E/one grinder pumps.

Greenville Sanitary Authority, Mercer County, Pennsylvania
Original Cost of Sanitary Sewer System
February 2024
Account No. 389 Equipment & Vehicles

Account No.	Notes	Description	Year Constructed	Quantity	Units	Unit Price	Original Cost	
389	1	Equipment & Vehicles						
		Treatment Plant Backup Pumps & Motors	Varies	1	Lump Sum	\$ 33,670.48	\$ 33,670.48	
		Miscellaneous Treatment Plant	Varies	1	Lump Sum	\$ 30,120.45	\$ 30,120.45	
		Laboratory Equipment	Varies	1	Lump Sum	\$ 19,246.02	\$ 19,246.02	
		Collection System Backup Pumps	Varies	1	Lump Sum	\$ 36,171.06	\$ 36,171.06	
		Collection System Manhole Supplies	Varies	1	Lump Sum	\$ 15,386.10	\$ 15,386.10	
		Miscellaneous Collection System	Varies	1	Lump Sum	\$ 22,607.16	\$ 22,607.16	
		Major Equipment	Varies	1	Lump Sum	\$ 58,107.00	\$ 58,107.00	
		Vehicles	Varies	1	Lump Sum	\$ 217,721.00	\$ 217,721.00	
TOTAL Account No. 389 Equipment & Vehicles							\$	433,029.27

Notes:

1. Equipment list provided by Greenville Sanitary Authority. Refer to Appendix E for complete listing.

APPENDIX B

HISTORICAL ENR CONSTRUCTION COST INDICES

ENR'S CONSTRUCTION COST INDEX HISTORY (1908-2022)													
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	AVG.
1990	4680	4685	4691	4693	4707	4732	4734	4752	4774	4771	4787	4777	4732
1991	4777	4773	4772	4766	4801	4818	4854	4892	4891	4892	4896	4889	4835
1992	4888	4884	4927	4946	4965	4973	4992	5032	5042	5052	5058	5059	4985
1993	5071	5070	5106	5167	5262	5260	5252	5230	5255	5264	5278	5310	5210
1994	5336	5371	5381	5405	5405	5408	5409	5424	5437	5437	5439	5439	5408
1995	5443	5444	5435	5432	5433	5432	5484	5506	5491	5511	5519	5524	5471
1996	5523	5532	5537	5550	5572	5597	5617	5652	5683	5719	5740	5744	5620
1997	5765	5769	5759	5799	5837	5860	5863	5854	5851	5848	5838	5858	5826
1998	5852	5874	5875	5883	5881	5895	5921	5929	5963	5986	5995	5991	5920
1999	6000	5992	5986	6008	6006	6039	6076	6091	6128	6134	6127	6127	6059
2000	6130	6160	6202	6201	6233	6238	6225	6233	6224	6259	6266	6283	6221
2001	6281	6272	6279	6286	6288	6318	6404	6389	6391	6397	6410	6390	6343
2002	6462	6462	6502	6480	6512	6532	6605	6592	6589	6579	6578	6563	6538
2003	6581	6640	6627	6635	6642	6694	6695	6733	6741	6771	6794	6782	6694
2004	6825	6862	6957	7017	7065	7109	7126	7188	7298	7314	7312	7308	7115
2005	7297	7298	7309	7355	7398	7415	7422	7479	7540	7563	7630	7647	7446
2006	7660	7689	7692	7695	7691	7700	7721	7722	7763	7883	7911	7888	7751
2007	7880	7880	7856	7865	7942	7939	7959	8007	8050	8045	8092	8089	7966
2008	8090	8094	8109	8112	8141	8185	8293	8362	8557	8623	8602	8551	8310
2009	8549	8533	8534	8528	8574	8578	8566	8564	8586	8596	8592	8641	8570
2010	8660	8672	8671	8677	8761	8805	8844	8837	8836	8921	8951	8952	8799
2011	8938	8998	9011	9027	9035	9053	9080	9088	9116	9147	9173	9172	9070
2012	9176	9198	9268	9273	9290	9291	9324	9351	9341	9376	9398	9412	9308
2013	9437	9453	9456	9484	9516	9542	9552	9545	9552	9689	9666	9668	9547
2014	9664	9681	9702	9750	9796	9800	9835	9846	9870	9886	9912	9936	9807
2015	9972	9962	9972	9992	9979	10039	10037	10039	10065	10128	10092	10092	10031
2016	10133	10182	10242	10280	10315	10337	10379	10385	10403	10435	10442	10530	10339
2017	10542	10559	10667	10678	10692	10703	10789	10826	10823	10817	10870	10873	10737
2018	10878	10889	10959	10972	11013	11069	11116	11124	11170	11183	11184	11186	11062
2019	11206	11213	11228	11228	11230	11268	11293	11311	11311	11326	11381	11381	11281
2020	11392	11396	11397	11412	11418	11436	11439	11455	11499	11539	11579	11626	11466
2021	11628	11699	11750	11849	11990	12112	12237	12463	12464	12464	12467	12481	12134
2022	12556	12684	12791	12899	13004	13111	13168	13171	13173	13175	13175	13175	13007
2023	13175	13176	13176	13230	13288								

ANNUAL AVERAGE													
YEAR	AVG		YEAR	AVG		YEAR	AVG		YEAR	AVG		YEAR	AVG
1908	97		1934	198		1960	824		1986	4295		2012	9308
1909	91		1935	196		1961	847		1987	4406		2013	9547
1910	96		1936	206		1962	872		1988	4519		2014	9807
1911	93		1937	235		1963	901		1989	4615		2015	10031
1912	91		1938	236		1964	936		1990	4732		2016	10339
1913	100		1939	236		1965	971		1991	4835		2017	10737
1914	89		1940	242		1966	1019		1992	4985		2018	11062
1915	93		1941	258		1967	1074		1993	5210		2019	11281
1916	130		1942	276		1968	1155		1994	5408		2020	11466
1917	181		1943	290		1969	1269		1995	5471		2021	12134
1918	189		1944	299		1970	1381		1996	5620		2022	13007
1919	198		1945	308		1971	1581		1997	5826		2023	
1920	251		1946	346		1972	1753		1998	5920		2024	
1921	202		1947	413		1973	1895		1999	6059		2025	
1922	174		1948	461		1974	2020		2000	6221		2026	
1923	214		1949	477		1975	2212		2001	6343		2027	
1924	215		1950	510		1976	2401		2002	6538		2028	
1925	207		1951	543		1977	2576		2003	6694		2029	
1926	208		1952	569		1978	2776		2004	7115		2030	
1927	206		1953	600		1979	3003		2005	7446		2031	
1928	207		1954	628		1980	3237		2006	7751		2032	
1929	207		1955	660		1981	3535		2007	7966		2033	
1930	203		1956	692		1982	3825		2008	8310		2034	
1931	181		1957	724		1983	4066		2009	8570		2035	
1932	157		1958	759		1984	4146		2010	8799		2036	
1933	170		1959	797		1985	4195		2011	9070		2037	

HOW ENR BUILDS THE INDEX: 200 hours of common labor at the 20-city average of common labor rates, plus 25 cwt of standard structural steel shapes at the mill price prior to 1996 and the fabricated 20-city price from 1996, plus 1.128 tons of portland cement at the 20-city price, plus 1,088 board ft of 2 x 4 lumber at the 20-city price.


APPENDIX C


UNIT PRICES




Greenville Sanitary Authority, Mercer County, PA
Sanitary Sewer System
Unit Prices in May 2023 Dollars

Description	Average Length	Unit	Unit Price May 2023	May 2023 Project Cost
Excavation, Installation, and Restoration for 6" Diameter Sewer Lateral Out of Roadways				
6" Lateral (0'-8' depth)	25	LF	\$ 86.15	\$ 2,153.81
Wye Connection	1	EA	\$ 334.47	\$ 334.47
Lawn Restoration	25	LF	\$ 30.41	\$ 760.17
		Total		\$ 3,248.46


	Greenville Sanitary Authority, Mercer County, PA Sanitary Sewer System Unit Prices in May 2023 Dollars	
Description	Unit	Unit Price May 2023
Excavation, Installation, and Restoration for Gravity Sewers and Manholes		
6" PVC Gravity Sewer (0'-8' depth)	LF	\$ 126.69
6" PVC Gravity Sewer (8'-12' depth)	LF	\$ 131.76
6" PVC Gravity Sewer (12+' depth)	LF	\$ 258.46
8" PVC Gravity Sewer (0'-8' depth)	LF	\$ 131.76
8" PVC Gravity Sewer (8'-12' depth)	LF	\$ 137.84
8" PVC Gravity Sewer (12+' depth)	LF	\$ 269.61
10" PVC Gravity Sewer (0'-8' depth)	LF	\$ 150.01
10" PVC Gravity Sewer (8'-12' depth)	LF	\$ 168.25
10" PVC Gravity Sewer (12+' depth)	LF	\$ 195.62
12" PVC Gravity Sewer (0'-8' depth)	LF	\$ 163.18
12" PVC Gravity Sewer (8'-12' depth)	LF	\$ 169.26
12" PVC Gravity Sewer (12+' depth)	LF	\$ 332.45
15" PVC Gravity Sewer (0'-8' depth)	LF	\$ 195.62
15" PVC Gravity Sewer (8'-12' depth)	LF	\$ 215.89
15" PVC Gravity Sewer (12+' depth)	LF	\$ 293.93
18" PVC Gravity Sewer (0'-8' depth)	LF	\$ 239.20
18" PVC Gravity Sewer (8'-12' depth)	LF	\$ 252.38
18" PVC Gravity Sewer (12+' depth)	LF	\$ 348.66
20" PVC Gravity Sewer (0'-8' depth)	LF	\$ 265.55
20" PVC Gravity Sewer (8'-12' depth)	LF	\$ 302.04
20" PVC Gravity Sewer (12+' depth)	LF	\$ 327.38
24" PVC Gravity Sewer (0'-8' depth)	LF	\$ 316.23
24" PVC Gravity Sewer (8'-12' depth)	LF	\$ 321.30
24" PVC Gravity Sewer (12+' depth)	LF	\$ 429.75
30" PVC Gravity Sewer (0'-8' depth)	LF	\$ 482.45
30" PVC Gravity Sewer (8'-12' depth)	LF	\$ 503.74
30" PVC Gravity Sewer (12+' depth)	LF	\$ 595.97
4' Diam. MH w/ Frame and Cover (0'-8' depth)	EA	\$ 5,473.22
4' Diam. MH Barrel (8'+ depth)	VF	\$ 430.76
5' Diam. MH w/ Frame and Cover (0'-8' depth)	EA	\$ 7,297.63
5' Diam. MH Barrel (8'+ depth)	VF	\$ 648.68
Stone Backfill	CY	\$ 45.61
Asphalt Roadway Restoration	SY	\$ 70.95
Lawn Restoration	SY	\$ 15.20

	Greenville Sanitary Authority, Mercer County, PA Sanitary Sewer System Unit Prices in May 2023 Dollars	
Description	Unit	Unit Price May 2023
Excavation, Installation, and Restoration for 1" Diameter Force Main in Roadways		
1" PVC Force Main (4' depth)	LF	\$ 72.98
Stone Backfill	CY	\$ 45.61
Asphalt Roadway Restoration	SY	\$ 70.95
Total Cost per LF*	LF	\$ 103.38


*Assumes trench is 1' wide and 4' deep. Assumes 3' wide asphalt restoration.

	Greenville Sanitary Authority, Mercer County, PA Sanitary Sewer System Unit Prices in May 2023 Dollars	
Description	Unit	Unit Price May 2023
Excavation, Installation, and Restoration for 1" Diameter Force Main Out of Roadways		
1" PVC Force Main (4' depth)	LF	\$ 72.98
Lawn Restoration	SY	\$ 15.20
Total Cost per LF*	LF	\$ 89.87

*Assumes 10' wide lawn restoration.

	Greenville Sanitary Authority, Mercer County, PA Sanitary Sewer System Unit Prices in May 2023 Dollars	
Description	Unit	Unit Price May 2023
Excavation, Installation, and Restoration for 2" Diameter Force Main in Roadways		
2" PVC Force Main (4' depth)	LF	\$ 76.02
Stone Backfill	CY	\$ 45.61
Asphalt Roadway Restoration	SY	\$ 70.95
Total Cost per LF*	LF	\$ 106.42

*Assumes trench is 1' wide and 4' deep. Assumes 3' wide asphalt restoration.

	Greenville Sanitary Authority, Mercer County, PA Sanitary Sewer System Unit Prices in May 2023 Dollars	
Description	Unit	Unit Price May 2023
Excavation, Installation, and Restoration for 2" Diameter Force Main Out of Roadways		
2" PVC Force Main (4' depth)	LF	\$ 76.02
Lawn Restoration	SY	\$ 15.20
Total Cost per LF*	LF	\$ 92.91

*Assumes 10' wide lawn restoration.

APPENDIX D

GREENVILLE SANITARY AUTHORITY
SANITARY SEWER SYSTEM MAP

PUBLIC COPY

SYSTEM MAPS – REMOVED FOR
CONFIDENTIALITY.

SYSTEM MAPS WILL BE FILED WITH THE
CONFIDENTIAL DOCUMENTS.

APPENDIX E

GREENVILLE SANITARY AUTHORITY
EQUIPMENT & VEHICLES LISTING

Total Assets	
Item	\$
Treatment Plant Backup Pumps & Motors	\$33,670.48
Miscellaneous Treatment Plant	\$30,120.45
Laboratory Equipment	\$19,246.02
Collection System Backup Pumps	\$36,171.06
Collection System Manhole Supplies	\$15,386.10
Miscellaneous Collection System	\$22,607.16
Major Equipment	\$58,107.00
Vehicles	\$217,721.00

Total **\$433,029.27**

Treatment Plant Backup Pumps & Motors			
Date	Quantity	Item	\$
3/13/12, 6/3/21	5	Backup Baldor Primary Clarifier Chain Motors	\$1,240.00
04/27/11	1	Backup Sealwater Pump	\$673.00
2022	1	Backup Heat Exchanger Fuel Pump (Webster)	\$350.00
2022	1	Backup Fuel Pump Motor (Marathon Electric)	\$300.00
06/17/13	1	Backup Sludge Piston Pump Motor (Baldor)	\$816.00
06/12/15	7	Thermal Overload Relays	\$126.48
05/13/14	1	Backup Chopper Recirculation Pump (Vaughan)	\$10,500.00
05/08/13	1	Backup Booster Pump for BFP (Ingersol-Rand)	\$750.00
05/08/13	1	Backup Rebuilt Booster Pump Motor for BFP (Central Electric)	\$285.00
06/10/20	1	Backup Booster Pump & Motor for GBT (Baldor & Goulds)	\$2,860.00
03/07/16	1	Backup Bypass Pump Rebuilt (Flygt)	\$7,880.00
06/07/21	1	Backup Chlorine Ejector Pump (Goulds)	\$1,795.00
02/23/22	1	Backup Chlorine Ejector Motor (Weg)	\$290.00
02/07/10	1	Backup Effluent Water Pump	\$3,168.00
10/09/11	2	Backup Effluent Water Pump Motor (one older, Lesson)	\$2,237.00
07/28/15	1	Backup Waste Return Sludge Pump Rebuilt	\$400.00
Total			\$33,670.48

Miscellaneous Treatment Plant			
Date	Quantity	Item	\$
2020	3	Bypass Floats	\$176.85
Unknown	3	Emergency Light Batteries	\$150.00
2021	4	Gas Sensors	\$704.00
Unknown	1	Float for Polymer Tank	\$200.00
2019	1	Simpson Pressure Washer	\$600.00
Unknown	1	Troy Built Snow Blower	\$400.00
2017	1	Stihl FS 240R Weed Eater	\$535.00
2021	1	Stihl FS 131 Weed Eater	\$469.99
2017	1	4gal. Weed Killer Sprayer	\$79.99
2019	1	Cub Cadet Rear Tine Tiller	\$899.99
2014	1	Huskee Push Mower	\$169.99
2012	7	Gas Cans	\$490.00
2012	7	Diesel Cans	\$490.00
Unknown	1	Craftsman Air Compressor	\$300.00
Unknown	1	Portable Air Tank	\$50.00
2010	1	Burning torches	\$240.50
2012	1	Hobart Mig Welder	\$499.99
2012	1	Stihl 8G 68C Blower	\$366.30
2015	1	Porter Cable Shop Vac	\$100.00
2018	1	Western Snow Plow for Ford F-550	\$2,000.00
2017	1	Forks for Bobcat	\$554.80
Unknown	1	Car Jack	\$400.00
2010	1	1 Ton Electric Hoist	\$2,450.13
2012	4	Gate Valve	\$3,398.92
2011	2	Plug Valve	\$1,252.00
Unknown	1	Old Electric Hoist	\$500.00
Unknown	2	Sewage Ejecter Pumps	\$2,142.00
Unknown	2	Trash Pump	\$500.00
Random	Random	All Tools, Shovels, ect (estimate)	\$10,000.00

Total \$30,120.45

Laboratory Equipment			
Date	Quantity	Item	\$
2018	1	Hach DR 3900 Spectrophotometer	\$3,987.90
Unknown	1	Hach Dissolved Oxygen & Probe HQ40d Multi	\$1,187.00
2006	1	Hach PH Meter & Probe Sension 3	\$1,200.00
2012	1	Tuttnauer 2540 EP Heidolph brinkmann Autoclave	\$5,890.11
1973	1	Blue M Single-wall Transite Oven	\$500.00
Unknown	1	Thermolyne 1500 Muffel Furnace	\$1,500.00
2013	1	Thermo Scientific Cimarec Magnetic Hot Plate	\$645.81
Unknown	1	Hach Test Kit Chlorine Pocket Colorimeter II	\$600.00
Unknown	1	Hach HQd Field Case	\$235.20
1995	1	Sartorius Analytical Balance	\$1,500.00
Unknown	1	Fisherbrand Isotemp Sample Fridge	\$1,800.00
Unknown	1	Desiccator	\$200.00
Total			\$19,246.02

Collection System Backup Pumps & Equipment			
Date	Quantity	Item	\$
	7	New and old e-One Grinder Pumps that need to be rebuilt	\$16,100.00
	6	New Extreme e-One Grinder Pumps	\$18,071.06
		Random e-One Grinder Pump Parts for rebuilding	\$2,000.00

Total \$36,171.06

Collection System Manhole Supply Inventory			
Date	Quantity	Item	\$
2020	2	12in Schedule 35 14ft long PVC Pipe	\$815.16
2020	2	10in Schedule 35 14ft long PVC Pipe	\$593.88
2020	3	8in Schedule 35 14ft long PVC Pipe	\$573.87
2020	2	6in Schedule 35 14ft long PVC Pipe	\$210.50
2020	12	10in Frenco	\$300.00
2020	3	12in Fernco	\$85.50
2020	14	8in Fernco	\$308.00
2020	4	6in Fernco	\$80.00
2010	3	Locking Manholes	\$1,188.00
2021	3	9in Manhole Frame	\$1,455.00
2021	5	4in Manhole Frame	\$1,284.85
Unknown	4	26in Manhole lid	\$1,120.00
Unknown	2	26 1/2in Manhole Lid	\$580.00
Unknown	12	29in Manhole Lid	\$4,333.00
2021	5	6in Cement Riser	\$225.00
2021	2	4in Cement Riser	\$70.00
2021	7	3in Cement Riser	\$175.00
2021	7	3in Insert Riser	\$560.00
Unknown	4	1 1/2in Insert Riser	\$120.00
Unknown	2	1 1/2in Adjustable Riser	\$639.34
2021	3	1in Rubber Riser	\$237.00
2021	3	2in Rubber Riser	\$432.00

Total **\$15,386.10**

Miscellaneous Collection System			
Date	Quantity	Item	\$
04/17/20	3	Transducers	\$2,493.00
2016	2	Dialer Batteries	\$100.00
2015	5	Stenner Chemical feed Pump for Munox	\$1,362.80
2017	1	Bostitch Root Cutter	\$2,500.00
2018	1	Root Rat Root Cutter	\$1,995.00
2017	9	5gal Buckets of Ritec Trap O Zyme	\$1,710.00
2022		Road Safety Signs & Stands	\$1,551.00
Unknown	1	Electric Work Lights	\$70.00
2009	1	Portable Confined Space Gas Detector	\$795.00
2018	4	Sonetic Headphones	\$5,595.00
Unknown	1	Safety Tripod & hoist	\$2,950.00
2021	1	Sewerline Plug	\$475.86
2013	1	Allegro Forced air confined space plus additional tubing	\$400.00
2014	10	Road barricades	\$609.50

Total \$22,607.16

Major Equipment			
Date	Quantity	Item	\$
2014	1	Godwin Pump 191hrs. & accessories	\$31,230.00
1999	1	Bobcat 553 1663 hrs.	\$13,000.00
2014	1	Kubota ZD311 Zero Turn 72in Deck Mower 712hrs.	\$13,877.00

Total \$58,107.00

Vehicles				
Date	Quantity	Item	Milage	\$
2018	1	Ford F-550 4X4 Utility Truck with Crane & Plow 12,663 Miles	12,663	\$108,559.00
1988	1	Camera Truck with new IBAK Camera system 4,096 Miles	4,096	\$109,162.00

Total \$217,721.00

Information Request No. 11

**Updated CONFIDENTIAL Exhibit A – Service Territory
Map**

**The Confidential Exhibit has been filed with the
Commission via SharePoint**

Information Request No. 18

WQM Permit No. 4391412



WATER QUALITY MANAGEMENT PERMIT

<p>A. PERMITTEE (Name and Address): CLIENT ID#: 3582 Greenville Borough Sanitary Authority 125 Main Street P.O. Box 604 Greenville, PA 16125-2701</p>	<p>B. PROJECT/FACILITY (Name): Greenville Sanitary Authority STP</p>
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<p>C. LOCATION (Municipality, County): 183 Hamburg Road, Greenville, PA 16125 Greenville Borough, Mercer County</p>	<p>SITE ID#: 518891</p>
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D. This permit amendment approves the rerating of sewage facilities consisting of:
 Comminution, raw sewage pumping, pH adjustment, primary settling, two stage trickling filters, short term aeration, alum feed for phosphorus removal, secondary settling, chlorine and chlorine disinfection. Sludge is handled through sludge thickening, anaerobic digestion, sludge drying beds and belt filter press.

		<p>Sewage Treatment Facility: Annual Average Flow: <u>4.0</u> MGD Design Hydraulic Capacity: <u>4.0</u> MGD Design Organic Capacity: <u>5,000</u> lb/day</p>
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E. APPROVAL GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING:

- Amendments:** All construction, operations and procedures shall be in accordance with the Water Quality Management Permit Amendment application dated **4/30/2014** and its supporting documentation and addendums dated **5/07/2014** and **6/06/2014**, which are hereby made a part of this amendment.
 Except for any herein approved modifications, all terms, conditions, supporting documentation and addendums approved under Water Quality Management Permit No. **4391412** dated **2/28/1992** shall remain in effect.
- Permit Conditions Relating to Sewerage are attached and made part of this permit.

F. THE AUTHORITY GRANTED BY THIS PERMIT IS SUBJECT TO THE FOLLOWING FURTHER QUALIFICATIONS:

- If there is a conflict between the application or its supporting documents and amendments and the attached conditions, the attached conditions shall apply.
- Failure to comply with the rules and regulations of DEP or with the terms or conditions of this permit shall void the authority given to the permittee by the issuance of this permit.
- This permit is issued pursuant to the Clean Streams Law Act of June 22, 1937, P.L. 1987, as amended 35 P.S. §691.1 *et seq.* Issuance of this permit shall not relieve the permittee of any responsibility under any other law.

<p>PERMIT ISSUED: <u>June 24, 2014</u></p>	<p>BY: <u>/s/</u> John A. Holden, P.E. TITLE: Clean Water Program Manager Northwest Regional Office</p>
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COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF POINT AND NON-POINT SOURCE MANAGEMENT

PERMIT CONDITIONS RELATING TO SEWERAGE
For use in Water Quality Management Permits

(Check boxes that apply)

General

- 1. The Department of Environmental Protection (DEP) considers the licensed Professional Engineer whose seal is affixed to the design documents to be fully responsible for the adequacy of all aspects of the facility design.
- 2. The permittee shall adopt and enforce an ordinance requiring the abandonment of privies, cesspools or similar receptacles for human waste and onlot sewage disposal systems on the premises of occupied structures accessible to public sewers. All such structures must be connected to the public sewers.
- 3. The outfall sewer or drain shall be extended to the low water mark of the receiving body of water. Where necessary to ensure proper mixing and waste assimilation, an outfall sewer or drain may be extended with appurtenances below the low water mark and into the bed of a navigable stream provided that the permittee has secured an easement, right-of-way, license or lease from DEP in accordance with Section 15 of the Dam Safety and Encroachments Act, the Act of November 26, 1978, P.L. 1375, as amended.
- 4. The approval is specifically made contingent on the permittee acquiring all necessary property rights, by easement or otherwise, providing for the satisfactory construction, operation, maintenance and replacement of all sewers or sewerage structures in, along or across private property with full rights of ingress, egress and regress.
- 5. When construction of the approved sewerage facilities is completed and before they are placed in operation, the permittee shall notify DEP in writing so that a DEP representative may inspect the facilities.
- 6. The approval of the plans, and the authority granted in this permit, if not specifically extended, shall cease and be null and void 2 years from the issuance date of this permit unless construction or modification of the facilities covered by this permit has begun on or before the second anniversary of the permit date.
- 7. If, at any time, the sewerage facilities covered by this permit create a public nuisance, including but not limited to, causing malodors or causing environmental harm to waters of the Commonwealth, DEP may require the permittee to adopt appropriate remedial measures to abate the nuisance or harm.
- 8. If, after the issuance of this permit, DEP approves a municipal sewage facilities official plan or an amendment to an official plan under Act 537 (Pennsylvania Sewage Facilities Act, the Act of January 24, 1966, P.L. 1535 as amended) in which sewage from the herein approved facilities will be treated and disposed of at other planned facilities, the permittee shall, upon notification from the municipality or DEP, provide for the conveyance of its sewage to the planned facilities, abandon use and decommission the herein approved facilities including the proper disposal of solids, and notify DEP accordingly. The permittee shall adhere to schedules in the approved official plan, amendments to the plan, or other agreements between the permittee and municipality. This permit shall then, upon notice from DEP, terminate and become null and void and shall be relinquished to DEP.
- 9. This permit does not relieve the permittee of its obligations to comply with all federal, interstate, state or local laws, ordinances and regulations applicable to the sewerage facilities.
- 10. This permit does not give any real or personal property rights or grant any exclusive privileges, nor shall it be construed to grant or confirm any right, easement or interest in, on, to or over any lands which belong to the Commonwealth.
- 11. The authority granted by this permit is subject to all effluent requirements, monitoring requirements and other conditions as set forth in NPDES Permit No. **PA0027367** and all subsequent amendments and renewals. No discharge is authorized from these facilities unless approved by an NPDES Permit.

Construction

- 12. This permit is issued under the authorization of The Clean Streams Law and 25 Pa. Code Chapter 91. The permittee shall obtain all necessary permits, approvals and/or registrations under 25 Pa. Code Chapters 102, 105 and 106 prior to commencing construction of the facilities authorized by this permit, as applicable. The permittee should contact the DEP office that issued this permit if there are any questions concerning the applicability of additional permits.

- 13. The facilities shall be constructed under the supervision of a Pennsylvania licensed Professional Engineer in accordance with the approved reports, plans and specifications.
- 14. A Pennsylvania licensed Professional Engineer shall certify that construction of the permitted facilities was completed in accordance with the application and design plans submitted to DEP, using "Post Construction Certification" form (3800-PM-WSFR0179a). It is the permittee's responsibility to ensure that a Professional Engineer is on-site to provide the necessary oversight and/or inspections to certify the facilities. The certification must be submitted to DEP before the facility is placed in operation. As-built drawings, photographs (if available) and a description of all deviations from the application and design plans must be submitted to DEP within 30 days of certification.
- 15. Manhole inverts shall be formed to facilitate the flow of the sewage and to prevent the stranding of sewage solids. The manhole structure shall be built to prevent undue infiltration, entrance of street wash or grit and provide safe access to facilitate manhole maintenance activities.
- 16. The local Waterways Conservation Officer of the Pennsylvania Fish and Boat Commission (PFBC) shall be notified when the construction of any stream crossing and/or outfall is started and completed. A written permit must be secured from the PFBC if the use of explosives in any waterways is required and the permittee shall notify the local Waterways Conservation Officer when explosives are to be used.

Operation and Maintenance

- 17. The permittee shall maintain records of "as-built" plans showing all the treatment facilities as actually constructed together with facility operation and maintenance (O&M) manuals and any other relevant information that may be required. Upon request, the "as-built" plans and O&M manuals shall be filed with DEP.
- 18. The sewers shall have adequate foundation support as soil conditions require. Trenches shall be back-filled to ensure that sewers will have proper structural stability, with minimum settling and adequate protection against breakage. Concrete used in connection with these sewers shall be protected from damage by water, freezing, drying or other harmful conditions until cured.
- 19. Stormwater from roofs, foundation drains, basement drains or other sources shall not be admitted directly to the sanitary sewers.
- 20. The approved sewers shall be maintained in good condition, kept free of deposits by flushing or other cleaning methods and repaired when necessary.
- 21. The sewerage facilities shall be properly operated and maintained to perform as designed.
- 22. The attention of the permittee is called to the highly explosive nature of certain gases generated by the digestion of sewage solids when these gases are mixed in proper proportions with air and to the highly toxic character of certain gases arising from such digestion or from sewage in poorly ventilated compartments or sewers. Therefore, at all places throughout the sewerage facilities where hazard of fire, explosion or danger from toxic gases may occur, the permittee shall post conspicuous permanent and legible warnings. The permittee shall instruct all employees concerning the aforesaid hazards, first aid and emergency methods of meeting such hazards and shall make all necessary equipment and material accessible.
- 23. An operator certified in accordance with the Water and Wastewater Systems Operator Certification Act of February 21, 2002, 63 P.S. §§1001, *et seq.* shall operate the sewage treatment plant.
- 24. The permittee shall properly control any industrial waste discharged into its sewerage system by regulating the rate and quality of such discharge, requiring necessary pretreatment and excluding industrial waste, if necessary, to protect the integrity or operation of the permittee's sewerage system.
- 25. There shall be no physical connection between a public water supply system and a sewer or appurtenance to it which would permit the passage of any sewage or polluted water into the potable water supply. No water pipe shall pass through or come in contact with any part of a sewer manhole.
- 26. All connections to the approved sanitary sewers must be in accordance with the official Act 537 Plan and, if applicable, a corrective action plan as contained in the approved Title 25 Pa. Code Chapter 94 Municipal Wasteload Management Annual Report.
- 27. Collected screenings, slurries, sludge and other solids shall be handled and disposed of in compliance with Title 25 Pa. Code Chapters 271, 273, 275, 283 and 285 (related to permits and requirements for land filling, land application, incineration and storage of sewage sludge), Federal Regulations 40 CFR 257 and the Federal Clean Water Act and its amendments.



**WATER QUALITY MANAGEMENT
 POST CONSTRUCTION CERTIFICATION**

PERMITTEE IDENTIFIER

Permittee	Greenville Borough Sanitary Authority
Municipality	Greenville Borough
County	Mercer
WQM Permit No.	4391412 A-1
Facility Type	Sewage

All of the above information should be taken directly from the Water Quality Management Permit.

CERTIFICATION

This certification must be completed and returned to the permits section of the DEP's regional office issuing the WQM permit within 30 days of completion of the project and received by DEP prior to operation, and if requested, as-built drawings, photographs (if available) and a discussion of any DEP-approved deviations from the design plans during construction.

I, being a Registered Professional Engineer in Pennsylvania, do hereby certify to the best of my knowledge and belief, based upon personal observation and interviews, that the above facility approved under the Water Quality Management Permit has been constructed in accordance with the plans, specifications and modifications approved by DEP.

Construction Completion Date (MM/DD/YYYY): _____

Engin eer's Seal	Professional Engineer
	Name _____ (Please Print or Type)
	Signature _____
	Date _____
	License Expiration Date _____
	Firm or Agency _____
	Telephone _____
	Permittee or Authorized Representative
	Name _____ (Please Print or Type)
	Signature _____
	Title _____
	Telephone _____