

of the District of Columbia, without giving effect to choice of law or conflicts of law principles. (31)

32. The provisions of this Agreement are severable and it is the intention of the parties hereto that if this Agreement cannot take effect in its entirety because of the final judgment of any court of competent jurisdiction holding invalid any part or parts thereof, the remaining provisions of the Agreement shall be given full force and effect as completely as if the part or parts held invalid had not been included therein. (32)

33. It is understood and agreed between the parties hereto that execution of this Agreement by Licensee, and negotiation of any check or other negotiable instrument by Railroad, prior to the date of execution of this agreement by Railroad, shall in no way be deemed or construed by Licensee to be acceptance of this Agreement by Railroad. In the event that this Agreement is not executed by Railroad for any reason whatsoever, then and in that event the amount set forth in any such check or other negotiable instrument shall be refunded to Licensee within a reasonable period of time after written notification that this Agreement will not be executed by Railroad; provided, however, that the payment by Licensee of a preparation fee, if any, to Railroad shall be nonrefundable and made as full payment for the Railroad's preparation of this document without regard to whether or not same is ever executed. (33)

34. In connection with the construction or maintenance of the FACILITIES, Licensee, its contractors and subcontractors shall carry insurance as follows:

The contractor shall procure and maintain, at its own cost and expense, during the entire period of performance of the construction or maintenance of the FACILITIES, the types of insurance specified below. The contractor shall submit a certificate of insurance giving evidence of the required coverage's, prior to commencing work. All insurance shall be procured from insurers authorized to do business in the jurisdiction where operations are to be performed. The contractor shall require all subcontractors to carry the insurance required herein, and contractor may, at its option, provide the coverage for any or all subcontractors, and if so, the evidence of insurance submitted shall so stipulate. In no event shall work be performed until the required certificate(s) of insurance have been furnished. If the insurance provided is not in compliance with the requirements listed below, Railroad maintains the right to stop work until proper evidence is provided. The insurance shall provide that 30 days prior written notice be given to Railroad in the event

coverage is substantially changed, canceled or non-renewed.

- A. WORKERS' COMPENSATION INSURANCE complying with the requirements of the statutes of the jurisdiction(s) in which the construction or maintenance of the FACILITIES are to be performed, covering all employees of the contractor. Employer's Liability coverage with limits of not less than One Million Dollars (\$1,000,000.00) each accident or illness shall be included.

In the event the work is to be performed on or over navigable waterways, Longshore and Harbor Workers Compensation Act Endorsement and Maritime Coverage Endorsements are to be added including coverage for wages, transportation, maintenance and cure.

- B. COMMERCIAL GENERAL LIABILITY INSURANCE covering the liability imposed upon the contractor with respect to all work to be performed and all obligations assumed by the contractor under the terms of this contract. Products-completed operations, independent contractors and contractual liability coverage's are to be included with the contractual exclusion related to the construction/demolition activity within fifty (50) feet of the railroad, X-C-U and Y2K exclusions deleted.

Railroad is to be named as an additional insured with respect to the operations to be performed. Coverage under this policy, or policies, shall have limits of liability of not less than Two Million Dollars (\$2,000,000.00) per occurrence, combined single limit for bodily injury (including disease or death), personal injury and property damage (including loss of use) liability.

- C. AUTOMOBILE LIABILITY INSURANCE covering the liability of the contractor arising out of the use of ANY VEHICLES which bear, or are required to bear, license plates according to the laws of the jurisdiction in which they are to be operated, and which are not covered under the contractor's Commercial General Liability Insurance. The policy shall name Railroad as an additional insured with respect to the operations to be performed. Coverage under this policy shall have limits of liability of not less than One Million Dollars (\$1,000,000.00)

per occurrence, combined single limit, for bodily injury, and property damage liability.

- D. RAILROAD PROTECTIVE LIABILITY INSURANCE shall be provided by the contractor, with respect to the construction of the FACILITIES by the contractor or any subcontractor. The (ISO) Occurrence Form, in the name of the Railroad, shall have limits of liability of not less than Two Million Dollars (\$2,000,000.00) per occurrence, combined single limit, for Coverage's A and B, for losses arising out of injury to or death of all persons, and for physical loss or damage to or death of all persons, and for physical loss or damage to or destruction of property, including the loss of use thereof and a \$6 million annual aggregate. Additionally, Endorsement CG 28 31 - Pollution Exclusion Amendment, is required to be endorsed onto the policy.

Further, A Physical Damage to Property as defined in the policy is to be deleted and replaced by endorsement with the following:

It is agreed that A Physical Damage to Property means direct and accidental loss of or damage to all railroad property.

THE ORIGINAL RAILROAD PROTECTIVE LIABILITY INSURANCE POLICY IS TO BE SUBMITTED TO RAILROAD PRIOR TO COMMENCEMENT OF WORK.

- E. ALL RISK PROPERTY INSURANCE covering physical loss or damage to all contractors' property used in the construction of the FACILITIES. The policy shall have limits of liability adequate to cover property of the contractor (including personal property of others in contractor's care, custody or control) and include a waiver of subrogation against Railroad.
- F. ENVIRONMENTAL IMPAIRMENT/CONTRACTOR'S POLLUTION LIABILITY INSURANCE covering the liability of the contractor arising out of the pollution or impairment of the environment, including clean-up costs, caused by the performance of the activity in connection with the FACILITIES. Railroad shall be named as an additional insured with respect to the

operations to be performed, and the policy shall contain a waiver of subrogation against Railroad, its employees and agents. Coverage under this policy (or policies) shall have limits of liability of not less than Five Million Dollars (\$5,000,000.00). Contractor is permitted to cover the pollution liability exposure in the Commercial General Liability Insurance required above provided the coverages are specifically listed on the Certificate of Insurance that is provided.

G. CLAIMS-MADE INSURANCE. If the insurance specified above is provided on a claims-made form, such policy shall provide:

1. Policy retroactive date coincides with or precedes the contractor's start of work (including subsequent policies purchased as renewals or replacements).
2. Contractor will make every effort to maintain similar insurance for at least three (3) years following project completion, including the requirement of naming Railroad as an additional insured.
3. If insurance is terminated for any reason, contractor agrees to purchase an extended reporting provision of at least three years to report claims arising from work that is being performed.
4. Policy allows for reporting of circumstances or incidents that might give rise to future claims.

All insurance specified above shall remain in force until all work to be performed is satisfactorily completed, all contractor personnel and equipment have been removed from Railroad's property, and the work has been formally accepted by Railroad.

The contractor shall furnish to Railroad's Engineering Department the original of the policy for Railroad Protection Liability Insurance and a Certificate of Insurance for all other coverages, fifteen (15) days prior to commencing work. The fifteen (15) day advance notice of coverage may be waived in situations where such waiver will benefit Railroad, but under no circumstances will the contractor be permitted to work on Railroad's property until evidence of all insurance requirements has been provided to

Railroad. Evidence of insurance coverage shall be provided to:

National Railroad Passenger Corporation
Director Project Initiation and Development
30th Street Station - Box #64
Philadelphia, Pennsylvania 19104

Work may not proceed on Railroad's property until all insurance requirements have been met to the satisfaction of Railroad's Chief Engineer, or his duly authorized representative.

Except for Railroad Protective Liability Insurance, which is mandatory, the Licensee may be permitted to self-insure its obligation under this Article, in lieu of procuring and maintaining the other above-mentioned insurance policies, provided the Licensee notifies Railroad of its intention to do so and receives written approval from Railroad. Permission to self-insure under this Article shall not extend to any contractor and subcontractor of Licensee. (34)

35. Licensee agrees that the terms, conditions and provisions of this Agreement constitutes confidential and proprietary information regarding Railroad and agrees not to disclose any term, condition or provision of this Agreement without the prior written consent of Railroad or by order of a court of competent jurisdiction or the Pennsylvania Public Utility Commission. (35)

36. This Agreement does not and shall not be deemed to (i) constitute a lease or a conveyance of personal or real property by Railroad to Licensee or (ii) confer upon Licensee any right, title, estate or interest in the real property on which the FACILITIES are located. This Agreement grants to Licensee only a personal privilege revocable by Railroad on the terms set forth herein. (36)

IN WITNESS WHEREOF, the said parties hereto have caused this Agreement to be duly executed and delivered as of the day and year first above written.

WITNESS

NATIONAL RAILROAD PASSENGER CORPORATION

By: Bruce Looloian
Title: Assistant Vice President
Real Estate Development

WITNESS

SADSBURY TOWNSHIP

By: Stephanie Silverman
Title: Chairperson
Sadsbury Township
Board of Supervisors

APPENDIX F
CURRICULUM VITAE
FOR
JAMES W. MACCOMBIE, P.E., P.L.S.

SADSBURY TOWNSHIP
CHESTER COUNTY, PA

SANITARY SEWER SYSTEM

ASSESSMENT OF TANGIBLE ASSETS
PURSUANT TO
PUC CODE §1329(A)(4)

JANUARY 30, 2017

610-366-9550
FAX 610-366-8032

Herbert E. MacCombie, Jr., P.E.
CONSULTING ENGINEERS & SURVEYORS, INC.
1000 PALMERS MILL ROAD
MEDIA, PA 19063

James W. MacCombie, P.E., P.L.S.
Herbert E. MacCombie, III, Technician

REPLY TO:
P.O. BOX 118
BROOMALL, PA 19008-0118

January 13, 2017

James W. MacCombie P.E., P.L.S.

Educational Background and Experience

Bachelor of Science Degree in Civil Engineering Washington State University January 1977

Certificate of Professional Preparation in Engineering from College of Engineering,
Washington State University January 24, 1977.

Engineer in Training Certification February 7, 1977

Registered as a Professional Land Surveyor in the Commonwealth of Pennsylvania since
March 1, 1980. Reg. No. 31257-E

Registered as a Professional Engineer in the Commonwealth of Pennsylvania since
August 16, 1982. Reg. No. 31365-E

Registered as a Professional Engineer in the State of Delaware since June 14, 1983.
Reg. No. 6375

Certified Storm Water Inspector May 10, 2012 Cert. No. 4606

Societies and Organizations and Awards

Recipient of National Performance Review "Hammer Award" from Vice President of the United States
on October 28, 1996

Recipient of the 2009 Distinguished Service Award presented by the Pennsylvania Society of
Professional Engineers Delaware County Chapter on April 1, 2009

Recipient of the 2013 Milestone Award presented by the Chester County Engineers on December 12,
2013

Presently Township Engineer for Sadsbury Township, Chester County

Presently Township Engineer for Tincum Township, Delaware County

Presently Engineer for the Tincum Township, Delaware County, Sewage Authority

Former Engineer for the West Brandywine Township Municipal Authority in
Chester County (Resigned effective January 8, 2015)

Presently Township Engineer for West Brandywine Township

Presently Alternate Engineer for Edmont Township in Delaware County

Presently Consulting Municipal Engineer for East Fallowfield Township in Chester County

Presently Borough Engineer for Avondale Borough, Chester County, Pa.

Presently Township Engineer for Penn Township, Chester County, Pa.

Presently Engineer for the Newtown Township, Delaware County, Municipal Authority

Presently Borough Engineer for Millbourne Borough, Delaware County, Pa.

Member of the National Society of Professional Engineers

Member of the Pennsylvania Society of Professional Engineers

Member of the Pennsylvania Professional Engineers in Private Practice

Page 2
January 13, 2017
James W. MacCombie, P.E., P.L.S.

Former member and Chairman of the West Brandywine Township, Chester County Planning Commission
January 1986 to December 1989

Former member and Chairman of the West Brandywine Township, Chester County, Zoning Hearing Board
May 1990 to January 2015 (Resigned).

Continuing Education

Professional Engineer Review Seminar Drexel University, November 10, 1981 to April 6, 1982.

Pennsylvania Department of Transportation Load Factor Design for Bridges (12 hour) seminar August
8-9, 1983.

Pennsylvania Department of Environmental Resources, Erosion and Sedimentation Control and
Stormwater Management Regional Seminar January 30, 1986.

Pennsylvania Department of Community Affairs, Subdivision Law and Administration Seminar December
10, 1986.

Pennsylvania Professional Engineers in Private Practice, Wetlands Seminar June 9, 1988.

Bucks, Chester, Delaware and Montgomery County Conservation Districts and Pa. DER, Erosion and
Sedimentation Control Seminar October 30, 1990.

Pennsylvania Department of Community Affairs, Impact Fees Seminar February 26, 1991.

Pennsylvania Professional Engineers in Private Practice wetlands Seminar November 14, 1991.

Bucks, Chester, Delaware and Montgomery County Conservation Districts and Pa. DER, NPDES
Stormwater Seminar December 4, 1992

Pennsylvania Professional Engineers in Private Practice Wetlands Seminar December 1993.

Pennsylvania Department of Environmental Protection Soil Interpretation and Skill Building
Seminar for SEO's September 26, 1995.

Bucks, Chester, Delaware and Montgomery County Conservation Districts Seminar November 20, 1997

Drip Distribution Regional Workshop for Wastewater Recycling by National Onsite Wastewater
Recycling Association, Inc. held on November 5-6, 2001 (12 hours) Bucks, Chester, Delaware, and
Montgomery County Conservation Districts Seminar February 7, 2002 Penn Dot Highway Occupancy
Permits, Procedures, and Design Seminar August 16, 2005

Fema Certificate of Elevation Training Course September 30, 2009

Chester County Engineers Understanding Municipal Review January 20, 2010

Center for Watershed Protection The Watershed Treatment Model - A TMDL & MS4 June 16, 2010

NOAA Coastal Services Center Roadmap for Adapting To Coastal Risk September 22-23, 2010 (16 hours)

PSPE Delaware County Chapter Geosynthetics Institute September 30, 2010

Penn DOT Stormwater Facility Maintenance ROP October 5, 2010

Pa DEP and the Chester County Conservation District New Chapter 102 Regulations October 21, 2010

Chester County Water Resource Authority TMDL's 101 Chester County January 14, 2011

NJSPLS New ALTA/ACSM Land Title Standards February 2, 2011

NJSPLS Tax Map Integration into GIS February 3, 2011

NJSPLS Ethics for Land Surveyors and Engineers February 3, 2011

NJSPLS Famous Surveyors Footsteps to Follow February 4, 2011

Federal Section 106 Historic Preservation Review Process March 12, 2011

Pa. DEP Stormwater Roundtable April 26, 2011

Smart Transportation Workshop in Chester County June 16, 2011
"Get the Dirt Out" offered by the Chester County Engineers August 18, 2011
Stormwater MS4 TMSL Seminar Lafayette College November 4, 2011

FWMA Region III Discovery Meeting Brandywine and Christiana Watersheds November 9, 2011

NPDES Construction Permitting Seminar March 21, 2012

Chester County Post Development Stormwater Management Seminar March 22, 2012

Region 3 Stormwater Compliance Conference (10 hours) May 8-10, 2012

PA New E & S Manual Review June 28, 2012

Chester County Engineers Karst Considerations in Foundation Design CCE 9/20/12

NJSPLS Title v. Tidal February 6, 2013

NJSPLS Surveying and Engineering
Ethics in Client Communications February 6, 2013

NJSPLS Cost Analysis for Surveying & Engineering Projects February 7, 2013

NJSPLS The Practice of Land Surveying and Engineering is a Business February 7, 2013

Chester County Engineers - MS-4 Stormwater Funding February 27, 2013

Chester County Engineers - Step By Step Through NOI NPDES Permit Applications - February 27, 2013

Chester County Engineers - Technology & Automation for Surveyors - November 20, 2013

NJSPLS Measurement on Trial - February 5, 2014

NJSPLS Practical Approach to Understanding and Using Grid Coordinates - February 6, 2014

NJSPLS Certified Flood Plan Manager Program - February 6, 2014

NJSPLS Managing Projects and Workloads February 7, 2014

Chester County Engineer NPDES Notice of Termination February 27, 2014

Chester County Engineers - Jenifer Fields PADRP
Sewer Capacity: Issues and Availability in SE Pa., April 24, 2014

Southeastern Pennsylvania Resource Development Council
NPDES and PCSM Permitting Workshop May 22, 2014

Chester County Engineers - Geo Storage-Underground Stormwater Detention - November 12, 2014

EWMA Fats Oils Grease (FOG) Workshop November 13, 2014

DELCO Bar Real Estate Practice - Adverse Possession November 21, 2014

NJSPLS Boundaries Boundaries Everywhere Version 2015 February 4, 2015

NJSPLS - Recent Trends in Design Professional Liability - February 5, 2015

NJSPLS - Testifying as an expert February 6, 2015

Chester County Engineers Update of Riparian Buffer and Erosion and Stormwater BMP's April 28, 2016

American Society of Civil Engineers - Engineering Ethics for Professionals - May 17, 2016

PMAA Overview of Stormwater Management in Pennsylvania - September 21, 2016

Chester County Engineers - PaDEP Notice of Termination NPDES Permits - September 22, 2016

PMAA - Stormwater The Local Perspective: What your Municipality Needs to Know September 28, 2016

PMAA PMAA Stormwater Authorities a Growing Trend October 19, 2016

Work Experience

February 1, 1977 to April 12, 1994 Design Engineer at Herbert E. MacCombie Jr. P.E. Consulting Engineers and Surveyors.

June 1, 1994 until present principal of Herbert E. MacCombie Jr. P.E. Consulting Engineers and Surveyors, Inc.

Project Experience

In addition to that of Municipal Engineer, the following projects including some subdivisions and land developments represent a brief sample listing of projects that have been designed under my direct supervision.

Terminal A West

Our office performed all Land Development review and construction surveillance regarding the construction of the Philadelphia International Airport International Terminal construction that occurred entirely within Tinicum Township, Delaware County, Pa.

Hog Island Road Extension - Tinicum Township, Delaware County, Pa. The project consisted of the design of approximately 1.5 miles of roadway including a bridge and wetland crossing with an approximate construction cost of \$5,000,000.00. The project has been completed.

The Marketplace at Huntingdon Valley- Upper Moreland Township, Montgomery County, Pa. The project consisted of the preparation of site improvement plans for an approximate 265,000 S.F. shopping center located on a 45 Acre ± site. The project has been completed.

Traffic Signalization and Channelization Routes 291 and 420 - Tinicum Township, Delaware County, Pa. The project consisted of the preparation design plans for traffic signalization of this intersection including split phasing and traffic channelization. The project was completed in conjunction with the Terminal A West Expansion Project at the Philadelphia International Airport.

Reeceville Associates - West Brandywine Township, Chester County, Pa. The project entailed the design of approximately two (2) miles of a sanitary sewer conveyance system, being a combination of a force main and gravity system including the design of a sewage lift station. The project has been completed. The project is located within the City of Coatesville, Cala Township, and West Brandywine Township, Chester County, Pa. The project serves portions of West Brandywine Township, The Brandywine Hospital, The Coatesville Area School District, The Coatesville Veterans Administration, as well as the Chester County YMCA.

Downingtown Young Whippets - Borough of Downingtown, Chester County, Pa. This project consisted of the design of a football sports complex on an approximately fifteen (15) acre site located along an unnamed tributary to the East Branch of the Brandywine Creek.

Sadsbury Township The project entailed the design of over 3 miles of a sanitary sewer collection system within the Pomeroy Village, Sadsburyville, and Pomeroy Heights as well as other Sections of Sadsbury Township, Chester County, Pa.

West Brandywine Township Municipal Authority Sanitary Sewer Conveyance System Extension and four (4) Pump Stations covering a length of approximately 16,755 L.F. of Gravity and Force Main varying in size from 6" to 15". Our office was responsible for a portion of the design and 100% of the construction surveillance for this \$5,044,000.00 project completed in July 2011.

Avondale Borough water system rehabilitation project consisting of the replacement of approximately 2000 L.F. of 12" Water Main at a cost of approximately \$1,000,000.00. Phase 1A & 1B of this project was completed in 2012. An additional well project for the Borough is ongoing in 2015.

West Laurel Hill Cemetery situated along Belmont Avenue in Lower Merion Township, Montgomery County, Pa. Our firm was responsible for the design and construction stake out of a new Jewish

Page 5
January 13, 2017
James W. MacCombie, P.E., P.L.S.

and Jewish Orthodox Cemetery Expansion that was completed in August 2011. Phase 2 was completed in 2014.

Newtown Township, Delaware County, Municipal Authority situated in Newtown Township, Delaware County, PA.. Our firm is responsible for designing an expansion to the Central Delaware County Authority service area within the western portion of Newtown Township. The project entails the proposed construction of approximately 86,500 linear feet of forcemain and gravity sewers and four (4) pump stations servicing over 3500 EDU's with approximately 675,000 GPD of flow. I am responsible for the design and preparation of bid documents as well as for construction inspection. The design of the project is ongoing which started in October of 2015 and the project is scheduled to go out to bid during the late spring or early summer of 2017. The estimated project cost is approximately \$25,000,000.00.

Tinicum Township Delaware County Wastewater Treatment Plant Engineer for the Wastewater Treatment Plant from May 1994 to present.

Avondale Borough Chester County Wastewater Treatment Plant Engineer for the Avondale Borough Wastewater Treatment Plant from January 2008 to present.

Additional information as well as references can be supplied upon request.

APPENDIX G

**PROPERTIES WITH TAPPING FEES PAID
BUT NOT YET CONNECTED**

**SADSBURY TOWNSHIP
CHESTER COUNTY, PA**

SANITARY SEWER SYSTEM

**ASSESSMENT OF TANGIBLE ASSETS
PURSUANT TO
PUC CODE §1329(A)(4)**

JANUARY 30, 2017

37-4-083
Diamond Run Landscape
1106 Meadowglen Road
West Chester, PA 19380
(Paid \$3,000) Balance \$843.08
2042 Valley Road

37-2-75
Don Roberts
2881 Lincoln Highway
PO Box 667
Sadsburyville, PA 19369
(Paid)

37-4L-29-1
Becky Stedman
115 Ash Street
Coatesville, PA 19320
(Paid) 31 Chestnut St.

37-4-74
Robert Swisher
2074 Valley Road
Parkesburg, PA 19365
(Paid) Balance \$330.00

37-4G-25
Earl Taylor
23 North Street
Po Box 178
Pomeroy, PA 19367
(Paid)

37-4G-37
PA Housing Finance Agency
#1309681
211 Front Street PO Box 15057
Harrisburg, PA 17101
(Paid)
8 North Street

37-4-86
Christopher Bowser
2066 Virginia Avenue
Parkesburg, PA 19365
(paid) Balance \$330.00

37-4-60
Douglas Doratt
14 Stove Pipe Hill Road
PO Box 228
Pomeroy, PA 19367
(not paid)

37-4H-56
Michael Emerson
14 Hoffman Avenue
Coatesville, PA 19320
(paid)

37-2Q-08
Tom Greenfield
PO Box 97
Sadsburyville, PA 19369
(paid) Balance \$330.00
15 Morris Lane

37-4-76
Timothy Houck
2068 Valley Road
Parkesburg, PA 19365
(paid) Balance \$330.00

37-2-68
Brian McCoy
820 Old Wilmington Road
Coatesville, PA 19320
(Paid)

37-2-38-1

Juanita McGinnis
827 Old Wilmington Road
Coatesville, PA 19320
(Not Paid)

37-4-73

Robert Oswald
2076 Valley Road
Parkesburg, PA 19365
(Paid) Balance \$330.00

APPENDIX H

**SADSBURY TOWNSHIP MAP OF SANITARY SEWERS
SADSBURY SEWER SERVICE AREA MAP**

**SADSBURY TOWNSHIP
CHESTER COUNTY, PA**

SANITARY SEWER SYSTEM

**ASSESSMENT OF TANGIBLE ASSETS
PURSUANT TO
PUC CODE §1329(A)(4)**

JANUARY 30, 2017

Sadsbury Township Sanitary Sewer

Sanitary Sewer Manhole Mains

Manhole ID	Stationing	Notes
1	0+00	At Road
2	0+10	At Road
3	0+20	At Road
4	0+30	At Road
5	0+40	At Road
6	0+50	At Road
7	0+60	At Road
8	0+70	At Road
9	0+80	At Road
10	0+90	At Road
11	1+00	At Road
12	1+10	At Road
13	1+20	At Road
14	1+30	At Road
15	1+40	At Road
16	1+50	At Road
17	1+60	At Road
18	1+70	At Road
19	1+80	At Road
20	1+90	At Road
21	2+00	At Road
22	2+10	At Road
23	2+20	At Road
24	2+30	At Road
25	2+40	At Road
26	2+50	At Road
27	2+60	At Road
28	2+70	At Road
29	2+80	At Road
30	2+90	At Road
31	3+00	At Road
32	3+10	At Road
33	3+20	At Road
34	3+30	At Road
35	3+40	At Road
36	3+50	At Road
37	3+60	At Road
38	3+70	At Road
39	3+80	At Road
40	3+90	At Road
41	4+00	At Road
42	4+10	At Road
43	4+20	At Road
44	4+30	At Road
45	4+40	At Road
46	4+50	At Road
47	4+60	At Road
48	4+70	At Road
49	4+80	At Road
50	4+90	At Road
51	5+00	At Road
52	5+10	At Road
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57	5+60	At Road
58	5+70	At Road
59	5+80	At Road
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61	6+00	At Road
62	6+10	At Road
63	6+20	At Road
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66	6+50	At Road
67	6+60	At Road
68	6+70	At Road
69	6+80	At Road
70	6+90	At Road
71	7+00	At Road
72	7+10	At Road
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81	8+00	At Road
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92	9+10	At Road
93	9+20	At Road
94	9+30	At Road
95	9+40	At Road
96	9+50	At Road
97	9+60	At Road
98	9+70	At Road
99	9+80	At Road
100	9+90	At Road



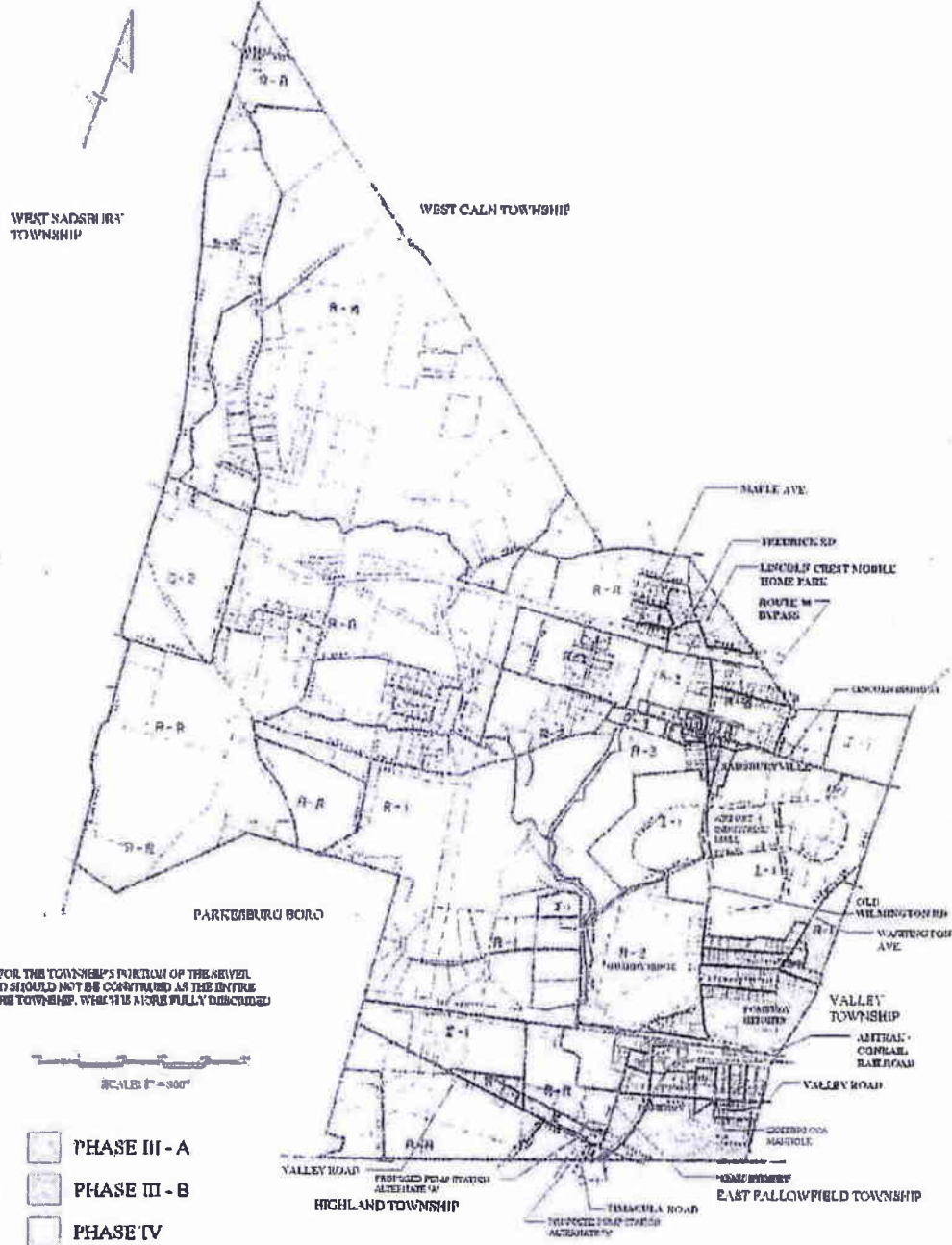
Legend

- Sanitary Sewer Manhole
- Sewer Lines
- Road Centerline
- Municipal Boundary
- Parcel Boundaries

City of Sadsbury
Sanitary Sewer Manhole Mains
Scale: 1" = 1200'
Date: 10/15/2010

SADSBURY TOWNSHIP CHESTER COUNTY, PENNSYLVANIA

PLAN OF PROPOSED SANITARY SEWERS AND SEWER SERVICE AREA



NOTE
PHASED AREAS ARE SHOWN FOR THE TOWNSHIP'S PORTION OF THE SEWER CONSTRUCTION PROJECT AND SHOULD NOT BE CONSIDERED AS THE ENTIRE SEWER SERVICE AREA FOR THE TOWNSHIP. THIS IS MORE FULLY DESCRIBED IN THE DOCUMENT

- SCALE 1" = 300'
- | | | | |
|--------------------------|--------------|--------------------------|---------------|
| <input type="checkbox"/> | PHASE I - A | <input type="checkbox"/> | PHASE III - A |
| <input type="checkbox"/> | PHASE I - B | <input type="checkbox"/> | PHASE III - B |
| <input type="checkbox"/> | PHASE II - A | <input type="checkbox"/> | PHASE IV |
| <input type="checkbox"/> | PHASE II - B | <input type="checkbox"/> | PHASE V |

APPENDIX H

**SADSBURY TOWNSHIP MAP OF SANITARY SEWERS
SADSBURY SEWER SERVICE AREA MAP**

**SADSBURY TOWNSHIP
CHESTER COUNTY, PA**

SANITARY SEWER SYSTEM

**ASSESSMENT OF TANGIBLE ASSETS
PURSUANT TO
PUC CODE §1329(A)(4)**

JANUARY 30, 2017

Sadsbury Township Sanitary Sewer

Sanitary Sewer Manhole Metrics

Manhole ID	Coordinates	Depth	Notes
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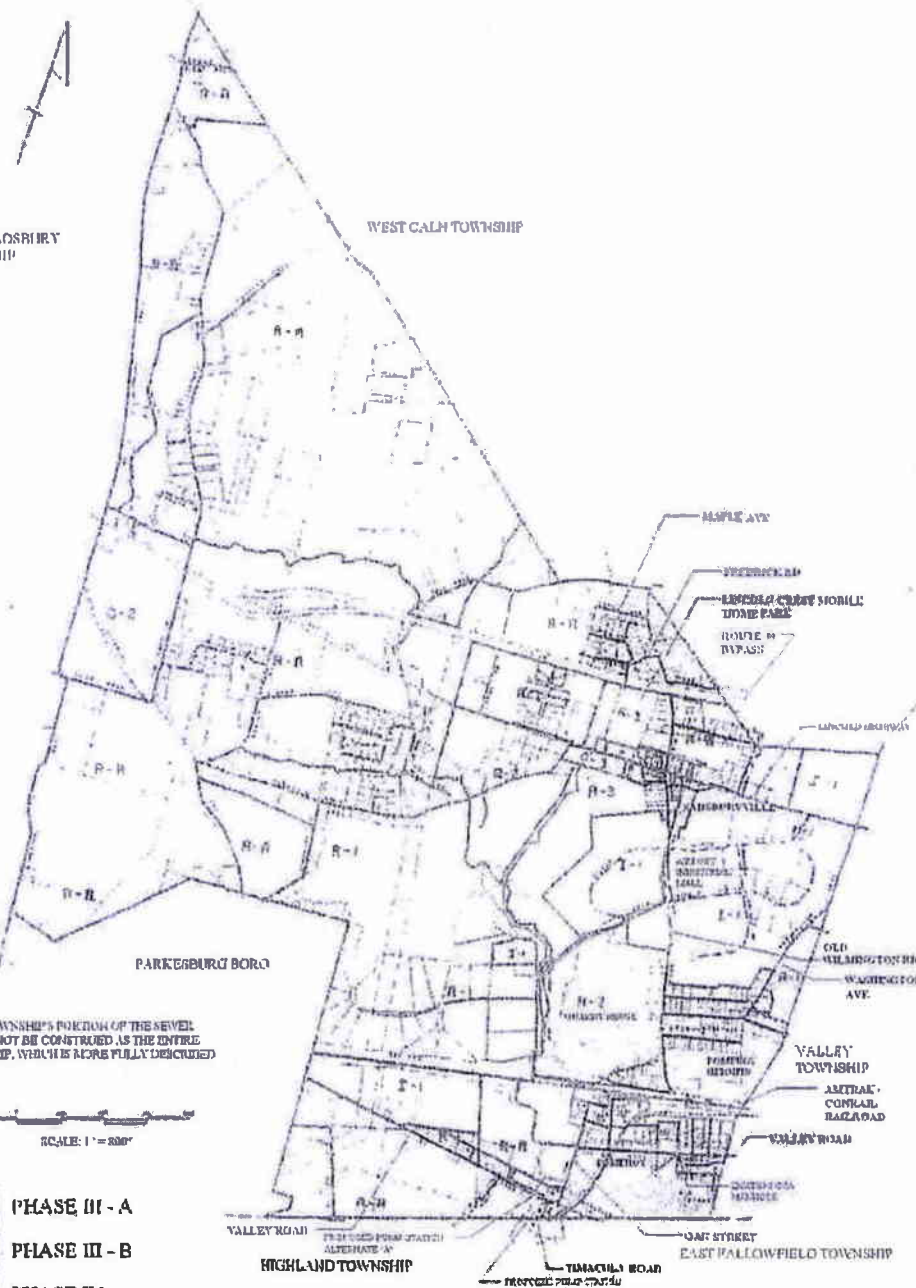


- Legend**
- Sanitary Sewer Manhole
 - Sewer Lines
 - - - Road Centerline
 - Municipal Border
 - ▭ Parcel Boundaries



DATE PREPARED: November 5, 2012

SADSBURY TOWNSHIP
CHESTER COUNTY, PENNSYLVANIA
PLAN OF
PROPOSED SANITARY SEWERS
AND
SEWER SERVICE AREA



NOTE
 PHASED AREAS ARE SHOWN FOR THE TOWNSHIP'S PORTION OF THE SEWER CONSTRUCTION PROJECT AND SHOULD NOT BE CONSIDERED AS THE ENTIRE SEWER SERVICE AREA FOR THE TOWNSHIP, WHICH IS MORE FULLY DESCRIBED IN THE DOCUMENT



- | | |
|---------------------------------------|--|
| <input type="checkbox"/> PHASE I - A | <input type="checkbox"/> PHASE III - A |
| <input type="checkbox"/> PHASE I - B | <input type="checkbox"/> PHASE III - B |
| <input type="checkbox"/> PHASE II - A | <input type="checkbox"/> PHASE IV |
| <input type="checkbox"/> PHASE II - B | |

APPENDIX I

SADSBURY TOWNSHIP CUSTOMER ACCOUNT SPREADSHEET

**SADSBURY TOWNSHIP
CHESTER COUNTY, PA**

SANITARY SEWER SYSTEM

**ASSESSMENT OF TANGIBLE ASSETS
PURSUANT TO
PUC CODE §1329(A)(4)**

FEBRUARY 14, 2017

Customer Account	Address	City	ZIP	Customer Class	Customer Type	PAW Premise #	Billing Period Oct 15 - Sep 15	Consumption (Gallons)	Billing Rate	Consumption Revenue	Flat Fees	Other Fees	Penalty & Interest	Total Billed	EDUs	Daily Usage	Comments
1 Auzer USA (PW)	158 Independence Way	Coatesville	19320	Commercial	Public Water	247212023	2,472.75	78,500.00	0	1,440.00				1,440.00	4.00	258.40	
2 Brynare Company (PW)	501 Sunbird Canyon Drive	Coatesville	19320	Commercial	Public Water	246071288	9,180.80	56,800.00	0	1,280.00				1,080.00	5.00	428.30	
3 Blue Spot Laundry (PW)	2341 Lincoln Highway	Sadsburyville	19359	Commercial	Public Water	240573441	11,559.75	58,500.00	0	5,400.00				5,400.00	15.00	1,258.18	
4 Communication Tes Design (PW)	206 Steeles Station Dr	Coatesville	19320	Commercial	Public Water	240591353	18,076.88	115,100.00	0	5,400.00				5,400.00	15.00	2,775.42	
5 Cumberland Insurance (PW)	101 Independence Way	Coatesville	19320	Commercial	Public Water	240707498	1,113.75	2,500.00	0	1,080.00				1,080.00	3.00	6.35	
6 Custom Inserts (PW)	50 Chestnut Street, PO Box 37	Pomeroy	19367	Commercial	Public Water	240619466	864.35	18,100.00	0	720.00				720.00	2.00	40.58	
7 Delaware Valley Concrete (PW)	18 Chestnut Street, PO Box 437	Pomeroy	19367	Commercial	Public Water	240616463	1,412.55	51,300.00	0	720.00				720.00	2.00	140.55	
8 Dow Properties LP	211 W. Stewart Huston Dr	Coatesville	19320	Commercial	Public Water	240717879	1,552.50	35,000.00	0	1,080.00				1,080.00	3.00	95.89	
9 Foundation for Education (PW)	208 Trega Ave	Coatesville	19320	Commercial	Public Water	240607340	879.40	38,400.00	0	360.00				360.00	1.00	105.21	
10 Foundation for Education (PW)	1 Damming Rd	Newtown Square	19073	Commercial	Public Water	240743449	744.78	28,500.00	0	360.00				360.00	1.00	43.29	
11 Foundation for Education (PW)	2 Durham Rd	Newtown Square	19074	Commercial	Public Water	240743431	573.50	15,300.00	0	360.00				360.00	1.00	109.14	
12 FRANCISGUS, TERRY-BUSINESS (PW)	49 Chestnut Street, PO Box 8	Pomeroy	19367	Commercial	Public Water	240619468	409.55	3,700.00	0	360.00				360.00	1.00	109.14	
13 Griffin, Karen	P.O. BOX 258	Pomeroy	19367	Commercial	Public Water	240619469	814.65	33,700.00	0	360.00				360.00	1.00	52.35	
14 Harry's Bar & Restaurant (PW)	2843 Lincoln Highway, PO Box 65	Sadsburyville	19359	Commercial	Public Water	240673428	5,051.50	28,000.00	0	2,320.00				2,320.00	7.00	130.56	
15 JYF Partners 2552 Lincoln Hwy (PW)	2552 Lincoln Highway, PO Box 10	Sadsburyville	19359	Commercial	Public Water	240673429	2,854.55	33,300.00	0	360.00				360.00	1.00	302.15	
16 JYF Partners 2577 Lincoln Hwy (PW)	2577 Lincoln Highway, PO Box 10	Sadsburyville	19359	Commercial	Public Water	240680050	715.05	38,300.00	0	360.00				360.00	1.00	79.85	
17 JYF Partners 2575 Lincoln Hwy (PW)	2575 Lincoln Highway, PO Box 10	Sadsburyville	19359	Commercial	Public Water	240673428	445.40	5,400.00	0	360.00				360.00	1.00	248.85	
18 Keystone Helicopter (ZS)	231 Stewart Huston Dr	Coatesville	19320	Commercial	Public Water	240712869	2,380.90	23,000.00	0	720.00				720.00	2.00	17.52	
19 Keystone Helicopter (Saw Huston Dr)	110 Stewart Huston Dr	Coatesville	19320	Commercial	Public Water	240818564	3,547.35	238,100.00	0	360.00				360.00	2.00	336.95	
20 Keystone Helicopter 2 (PW)	110 E. Stewart Huston Drive	Coatesville	19320	Commercial	Public Water	240710023	10,148.88	434,980.00	0	4,680.00				4,680.00	13.00	1,109.46	
21 Keystone Helicopter Bldg 800 (PW)	110 E. Stewart Huston Drive, Building # 800	Coatesville	19320	Commercial	Public Water	240730521	5,014.50	57,000.00	0	4,680.00				4,680.00	13.00	678.71	
22 Keystone Valley Fire 2-1916 Valley Rd (PW)	1916 Valley Road, 328 W 1st Avenue	Parkersburg	19385	Commercial	Public Water	240619526	841.40	16,800.00	0	720.00				720.00	2.00	22.78	
23 Keystone Valley Fire Dep-11 Spaulding (PW)	101 Valley Road, 328 W 1st Avenue	Parkersburg	19385	Commercial	Public Water	240619526	1,391.50	49,000.00	0	720.00				720.00	2.00	68.08	
24 Keystone Valley Fire Dept (Firehouse) (PW)	322 W 1st Avenue	Parkersburg	19385	Commercial	Public Water	240619526	1,211.40	38,400.00	0	720.00				720.00	2.00	99.72	
25 Kofax, Trotter & Co, Inc	241 Stewart Huston Drive	Coatesville	19320	Commercial	Public Water	240712853	5,685.21	218,930.50	0	1,080.00				1,080.00	3.00	332.25	
26 Pennsylvania-African Water Company	West Colln Flors	West Colln		Commercial	Public Water		25,381.10					25,381.10	(25.00)	841.00	3.00	332.25	
27 Pomeroy Methodist Church (PW)	22 Spruce Street	Pomeroy	19367	Commercial	Public Water	240618456	287.00	2,800.00	0	360.00				360.00	1.00	5.48	
28 Raci, Robert & James (Business) (PW)	10 Washington Lane	Coatesville	19320	Commercial	Public Water	240695469	400.50	3,800.00	0	360.00				360.00	1.00	6.32	
29 Sadsbury Self Storage (PW)	21 Alm Squelward PO Box 707	Sadsburyville	19359	Commercial	Public Water	240701991	447.25	8,050.00	0	360.00				360.00	1.00	17.81	
30 Sadsbury Township	232C Lincoln Highway	Sadsburyville	19359	Commercial	Public Water	240714269	615.50	13,000.00	0	360.00				360.00	1.00	32.63	
31 Scribble, Russel Post Office (PW)	2366 Lincoln Hwy	Sadsburyville	19359	Commercial	Public Water	240623112	3,088.60	3,300.00	0	360.00				360.00	1.00	286.20	
32 Simmons, Marc-1 (PW)	1928 Valley Road	Coatesville	19320	Commercial	Public Water	240619523	2,849.40	104,400.00	0	1,440.00				1,440.00	4.00	206.20	
33 Simmons, Marc-2 (PW)	1930 Valley Road	Coatesville	19320	Commercial	Public Water	240619520	3,280.85	108,700.00	0	1,800.00				1,800.00	5.00	330.58	
34 SP Cabana	430 Campus Dr	Collegeville	19246	Commercial	Public Water	240743715	1,057.70	30,200.00	0	360.00				360.00	1.00	137.53	
35 Sunnyr Bangsar (Water Roadside)	158 Waverly Blvd	Coatesville	19320	Commercial	Public Water	240743550	1,520.10	32,300.00	0	1,080.00				1,080.00	3.00	88.32	
36 Vann Storage (PW)	102 Independence Way	Coatesville	19320	Commercial	Public Water	240723060	3,583.00	133,500.00	0	1,800.00				1,800.00	5.00	22.20	
37 Abdallah, Rachael & Marlene (PW)	458 Peoria Lane	Coatesville	19320	Residential	Public Water	240673000	1,513.80	48,400.00	0.0135	852.40				1,015.48	1.00	132.50	
38 Anja C. Abel	405 Broad Meadow Drive	Parkersburg	19355	Residential	Public Water	9240691319	198.00	8,000.00	0.0135	10.00	30.00			198.00	0.00	2.15	Usage Start: 7/1/2016
39 Albrtan, Domingo & Rebecca (PW)	7302 Old Wilmington Road	Coatesville	19320	Residential	Public Water	240615547	2,227.67	125,800.00	0.0135	1,699.65	360.00		168.22	2,227.87	1.00	244.92	
40 Agalano, Mennle (PW)	223 Flagstone Circle	Coatesville	19320	Residential	Public Water	240585025	1,619.55	53,300.00	0.0135	1,259.58	186.00			1,619.55	1.00	256.62	
41 Muhammad Ahmed	402 Green Hill Road	Parkersburg	19365	Residential	Public Water	240685025	1,025.00	30,000.00	0.0135	675.00	360.00			1,025.00	1.00	136.99	
42 Craig Alanson	402 Fox Trail	Parkersburg	19365	Residential	Public Water	240691293	724.50	27,000.00	0.0135	364.50	360.00			724.50	1.00	73.97	
43 AKOBI, Jeremy G. (PW)	1215 Wayne Lane	Coatesville	19320	Residential	Public Water	240674565	831.15	34,800.00	0.0135	471.15	360.00			831.15	1.00	95.82	
44 Alderman, Theodore (PW)	1321 Valley Road, Box 212	Pomeroy	19367	Residential	Public Water	240619504	787.95	31,700.00	0.0135	427.96	360.00			787.95	1.00	118.36	
45 Alex, Elaine (PW)	112 Julie Drive	Parkersburg	19365	Residential	Public Water	240682037	943.20	48,200.00	0.0135	383.20	360.00			943.20	1.00	86.85	
46 Allric, Lourdes (PW)	506 Pabbie Lane	Coatesville	19320	Residential	Public Water	240674808	991.88	48,800.00	0.0135	611.80	360.00			991.88	1.00	128.22	
47 Allen, Kimberly D. (PW)	47 Haffet Lane	Coatesville	19320	Residential	Public Water	240745654	736.55	37,600.00	0.0135	376.55	360.00			736.55	1.00	76.44	
48 Alliger, Brandon (PW)	1203 WYARIE Lane	Coatesville	19320	Residential	Public Water	240743624	655.55	21,900.00	0.0135	295.55	360.00			655.55	1.00	60.00	
49 Alwanac, Sahri (PW)	712 Forrest Drive	Coatesville	19320	Residential	Public Water	240745634	1,134.50	37,400.00	0.0135	774.90	360.00			1,134.90	1.00	157.38	
50 Amoroso, Alimee, (Paul Rhoades) (PW)	34 Chestnut Street	Parkersburg	19365	Residential	Public Water	240619482	694.30	21,800.00	0.0135	284.30	360.00			694.30	1.00	58.73	
51 Amy, Grant (PW)	2830 W. Lincoln Highway	Sadsburyville	19359	Residential	Public Water	240695468	751.50	29,000.00	0.0135	391.50	360.00			751.50	1.00	78.45	
52 Andrew, Richard & Danni (PW)	5648 Lincoln Highway, PO Box 574	Sadsburyville	19359	Residential	Public Water	240722180	1,045.85	51,000.00	0.0135	688.85	360.00			1,045.85	1.00	140.00	
53 Andrew, Heidi (PW)	1927 Valley Road, PO Box 64	Pomeroy	19367	Residential	Public Water	240619501	623.25	19,500.00	0.0135	263.25	360.00			623.25	1.00	33.42	
54 Antonelli, Philip (PW)	115 S Harner Blvd	Coatesville	19320	Residential	Public Water	240743508	797.40	32,400.00	0.0135	437.40	360.00			797.40	1.00	86.72	
55 Aquino, Justin (PW)	603 Fox Trail	Parkersburg	19365	Residential	Public Water	240891438	1,588.50	31,000.00	0.0135	1,228.50	360.00			1,588.50	1.00	249.32	
56 Aquino, Mark (PW)	507 Fox Trail	Parkersburg	19365	Residential	Public Water	240891782	443.24	4,400.00	0.0135	59.40	360.00		23.94	443.34	1.00	12.05	
57 Asuillo, Germaine	405 Anderson St	Coatesville	19320	Residential	Public Water	240674377	1,763.55	135,900.00	0.0135	1,426.95	360.00			1,763.55	1.00	230.14	
58 Auer, Aaron (PW)	210 Fox Trail	Parkersburg	19365	Residential	Public Water	240682356	954.00	48,000.00	0.0135	614.00	360.00			954.00	1.00	120.28	
59 Avers, David (PW)	239 Fox Trail	Parkersburg	19365	Residential	Public Water	240682356	961.00	48,000.00	0.0135	621.00	360.00			961.00	1.00	126.63	
60 Bahr, Jesse (PW)	202 Green Hill Road	Parkersburg	19365	Residential	Public Water	240677331	502.83	7,800.00	0.0135	105.20	360.00			502.83	1.00	21.37	
61 Baigen, Joseph (PW)	1301 Old Wilmington Road	Coatesville	19320	Residential	Public Water	240619513	1,163.50	31,000.00	0.0135	823.50	360.00			1,163.50	1.00	157.12	
62 Bailey, Jennifer A	201 Fox Trail	Parkersburg	19365	Residential	Public Water	240619513	984.53	37,000.00	0.0135	854.50	360.00			984.50	1.00	128.77	
63 Baldouche, James (PW)	706 Forrest Drive	Coatesville	19320	Residential	Public Water	240627637	651.15	34,900.00	0.0135	471.15	360.00			651.15	1.00	95.82	
64 Bahr, Jon & Dianne (PW)	3 Washington																

41	78	Basmajian, Dennis (PW)	191 Broad Meadow Drive	Parisburg	19365	Residential	Public Water	240665184	629.00	42,000.00	0.0135	55/00	380.00	527.00	1.00	115.07
42	79	Baker, James (PW)	51 Maple Lane	Coatesville	19320	Residential	Public Water	240745858	629.93	19,700.00	0.0135	285.95	386.50	625.85	1.00	53.97
43	80	Baker, Jayce	124 N. Harter Blvd	Coatesville	19320	Residential	Public Water	240745889	471.90	18,400.00	0.0138	231.00	180.20	471.80	1.00	109.01 Usage Starts 4/1/2016
44	81	Baynard, Edgar	306 Green Hill Road	Parisburg	19365	Residential	Public Water	240679959	1,004.20	48,000.00	0.0135	548.30	270.25	1,004.20	1.00	175.62 Usage Starts 1/1/2016
45	82	Beeghly, John & Laura (PW)	513 Regala Lane, PO Box 567	Coatesville	19320	Residential	Public Water	240674910	1,363.30	75,800.00	0.0139	1,223.38	386.00	1,363.30	1.00	207.87
46	83	Beane, Dan (PW)	228 Nancy Way	Coatesville	19320	Residential	Public Water	240891288	1,132.20	51,000.00	0.0135	638.58	360.00	1,132.20	1.00	136.70
47	84	Becker, Sharon M (PW)	114 N. Harter Blvd	Coatesville	19320	Residential	Public Water	240745854	654.60	46,000.00	0.0138	596.00	360.00	654.60	1.00	160.65
48	85	Belker, Kathleen (PW)	197 Broad Meadow Drive	Coatesville	19365	Residential	Public Water	240895161	621.00	28,000.00	0.0135	385.00	275.20	621.00	1.00	65.24 Last Usage 8/30/2016
49	86	Beltz, Vincent M	15 Red Street	Coatesville	19365	Residential	Public Water	240597242	111.00	6,000.00	0.0135	81.00	30.00	111.00	1.00	200.00 Usage Starts 9/1/2016
50	87	Bennett, Michael & Sharon (PW)	10 Smith Farm Lane	Parisburg	19365	Residential	Public Water	240732118	639.75	29,500.00	0.0135	270.75	360.00	639.75	1.00	36.16
51	88	Bennett, Michael (PW)	10 Smith Farm Lane	Parisburg	19365	Residential	Public Water	240735983	743.70	28,200.00	0.0135	380.70	360.00	743.70	1.00	77.28
52	89	Besonkapp, Gerald S Nancy	4 Mack Drive	Parisburg	19365	Residential	Public Water	240740478	168.00	9,500.00	0.0135	108.00	60.00	168.00	1.00	131.15 Usage Starts 8/1/2016
53	90	Betts, Walter (PW)	411 Fox Trail	Parisburg	19365	Residential	Public Water	240695039	825.00	29,000.00	0.0135	378.00	360.00	825.00	1.00	94.79
54	91	Bird, Lauren (PW)	234 Green Hill Road	Parisburg	19365	Residential	Public Water	240677026	548.00	14,000.00	0.0135	185.00	360.00	548.00	1.00	58.98
55	92	Bissett, Jeanne M (PW)	809 Fox Trail	Parisburg	19365	Residential	Public Water	240692844	1,136.50	59,000.00	0.0135	788.50	360.00	1,136.50	1.00	181.84
56	93	Blanch, Peter J. (PW)	205 Fox Trail	Parisburg	19365	Residential	Public Water	240672553	454.50	7,000.00	0.0136	54.80	360.00	454.50	1.00	16.38
57	94	Blee, Michele	105 Fox Trail	Parisburg	19365	Residential	Public Water	240680421	378.00	18,000.00	0.0135	216.00	360.00	378.00	1.00	43.84
58	95	Bukensieck, John A. (PW)	125 S. Harter Blvd.	Coatesville	19320	Residential	Public Water	240743203	977.05	38,300.00	0.0135	517.05	580.00	977.05	1.00	104.83
59	96	Buchanan, Anthony & Leslie Ann (PW)	316 Pines Lane	Coatesville	19320	Residential	Public Water	240679989	1,079.55	59,300.00	0.0135	719.55	580.00	1,079.55	1.00	146.03
60	97	Bugda, Robert (PW)	907 Raffin Ave, PO Box 352	Coatesville	19365	Residential	Public Water	240695949	711.00	28,000.00	0.0135	351.00	360.00	711.00	1.00	71.23
61	98	Bugda, Brian (PW)	1213 Wynona Lane	Coatesville	19320	Residential	Public Water	240674588	623.45	24,700.00	0.0135	332.45	270.00	623.45	1.00	60.48
62	99	Buch, Dwight & Nancy (PW)	11 Wood Circle	Coatesville	19365	Residential	Public Water	240769036	2,268.81	124,000.00	0.0135	1,574.00	580.00	2,268.81	1.00	339.73 Last Usage 8/30/2016
63	100	Bulmer, Donna (PW)	888 Timber Drive	Coatesville	19320	Residential	Public Water	240678807	1,214.00	56,400.00	0.0135	761.40	360.00	1,214.00	1.00	134.52
64	101	Bulman, Douglas S. (PW)	118 E. Julie Drive	Coatesville	19365	Residential	Public Water	240679666	1,036.35	50,100.00	0.0136	678.35	360.00	1,036.35	1.00	137.26
65	102	Burns, Michael J. (PW)	13 Spruce St.	Parisburg	19365	Residential	Public Water	240819452	330.00		0.0132		330.00	330.00	1.00	
66	103	Burns, Brian G	518 Boyce Street	Coatesville	19320	Residential	Public Water	240674545	947.25	43,500.00	0.0135	587.25	360.00	947.25	1.00	119.19
67	104	Burkett, Judith & Shannon (PW)	919 Concord Court	Coatesville	19320	Residential	Public Water	240675353	379.50	1,000.00	0.0135	19.50	280.00	379.50	1.00	2.74
68	105	Burns, Ryan (PW)	18 Smith Farm Drive	Parisburg	19365	Residential	Public Water	240761833	1,657.89	49,000.00	0.0135	1,072.35	360.00	1,657.89	1.00	265.03
69	106	Boyd, Henry (PW)	7 Stone Pipe Hill Rd, PO Box 101	Pomeroy	10987	Residential	Public Water	240734653	944.95	49,300.00	0.0135	584.55	360.00	944.95	1.00	118.82
70	107	Boyer, Amanda A.	13 Spaulding Avenue	Coatesville	19365	Residential	Public Water	240618544	1,044.76	50,500.00	0.0135	681.75	360.00	1,044.76	1.00	138.53
71	108	Boyle, Brian &曹 (PW)	511 N. Culver Street	Parisburg	19365	Residential	Public Water	240682386	968.25	48,000.00	0.0135	668.25	300.00	968.25	1.00	182.83 Last Usage 7/31/2016
72	109	Bradley, James & Julie (PW)	212 Fox Trail	Parisburg	19365	Residential	Public Water	240682338	465.00	10,000.00	0.0135	138.00	360.00	465.00	1.00	27.43
73	110	Brandtler, Kenneth (PW)	34 Oak Lane	Coatesville	19320	Residential	Public Water	240675387	808.45	40,700.00	0.0135	438.45	360.00	808.45	1.00	111.91
74	111	Brandy, Jan	27 Maple Street	Coatesville	19320	Residential	Public Water	240675388	246.00	8,400.00	0.0135	126.00	120.00	246.00	1.00	77.25
75	112	Brown, Ryan (PW)	225 Palmyra Circle	Coatesville	19320	Residential	Public Water	240684821	852.50	29,000.00	0.0135	472.50	360.00	852.50	1.00	65.95
76	113	Brown, Walton	41 Broad Meadow Drive	Parisburg	19365	Residential	Public Water	240667324	782.73	36,500.00	0.0135	482.73	270.00	782.73	1.00	152.70
77	114	Bruhan, Francis (PW)	659 Forest Drive	Coatesville	19320	Residential	Public Water	240662555	878.40	38,400.00	0.0135	518.40	360.00	878.40	1.00	105.81
78	115	Buchanan, Shaeve (PW)	132 Autumn Trail	Coatesville	19320	Residential	Public Water	240616532	522.01	12,000.00	0.0135	182.00	360.00	522.01	1.00	32.88
79	116	Bunick, Charles N	907 Old Wilmington Road	Coatesville	19320	Residential	Public Water	240686759	900.00	40,000.00	0.0135	540.00	360.00	900.00	1.00	109.58
80	117	Bush, William R	802 Fox Trail	Parisburg	19365	Residential	Public Water	240662942	1,210.80	63,000.00	0.0135	690.50	360.00	1,210.80	1.00	172.80
81	118	Butler, Patrick	112 Autumn Trail	Coatesville	19320	Residential	Public Water	240681849	1,226.65	65,700.00	0.0135	878.89	360.00	1,226.65	1.00	176.26
82	119	Butler, Patricia A. (PW)	87 Grand Pines, PO Box 82	Pomeroy	10987	Residential	Public Water	240681849	7,454.00	29,000.00	0.0135	484.50	360.00	7,454.00	1.00	15.19
83	120	Caft, James (PW)	1955 Valley Road, PO Box 141	Pomeroy	10987	Residential	Public Water	240681849	409.60	3,000.00	0.0135	49.50	360.00	409.60	1.00	8.22
84	121	Callie, Roland J	11 Bellevue Avenue	Coatesville	19320	Residential	Public Water	240681849	1,169.35	84,100.00	0.0135	865.35	300.00	1,169.35	1.00	210.58 Usage Starts 12/1/2015
85	122	Campbell, Annie R	16 Washington Lane	Coatesville	19320	Residential	Public Water	240685471	618.65	27,500.00	0.0135	378.85	240.00	618.65	1.00	115.29 Usage Starts 2/1/2016
86	123	Campbell, Joseph (PW)	304 Fox Trail	Parisburg	19365	Residential	Public Water	240684572	1,264.50	57,000.00	0.0135	904.50	360.00	1,264.50	1.00	188.99
87	124	Cannova, James K	608 Fox Trail	Parisburg	19365	Residential	Public Water	240684572	322.50	15,000.00	0.0135	202.50	120.00	322.50	1.00	122.85 Usage Starts 2/1/2016
88	125	Carrington, Jenn T	107 Broad Meadow Drive	Parisburg	19365	Residential	Public Water	240685811	282.90	15,000.00	0.0135	202.50	80.00	282.90	1.00	163.04 Usage Starts 7/1/2016
89	126	Carruth, Josh (PW)	192 Broad Meadow Drive	Parisburg	19365	Residential	Public Water	240685811	387.75	20,200.00	0.0135	273.75	360.00	387.75	1.00	19.87 Usage Starts 9/1/2016
90	127	Carr, David (PW)	108 Oak Drive	Parisburg	19365	Residential	Public Water	240684281	615.15	18,900.00	0.0135	258.15	360.00	615.15	1.00	51.78
91	128	Carr, Nancy A. (PW)	346 Fox Trail	Parisburg	19365	Residential	Public Water	240684581	636.40	17,000.00	0.0135	223.50	360.00	636.40	1.00	46.58
92	129	Casano, Benjamin (PW)	405 Fox Trail	Parisburg	19365	Residential	Public Water	240684036	1,005.00	50,000.00	0.0135	675.00	360.00	1,005.00	1.00	138.89
93	130	Casarotto, Kristen M. (PW)	36 Kincaid Lane	Coatesville	19320	Residential	Public Water	240743424	829.52	18,700.00	0.0135	225.45	360.00	829.52	1.00	45.75
94	131	Casares, Joseph (PW)	104 Slate Ridge Road	Coatesville	19320	Residential	Public Water	240684566	1,495.95	84,100.00	0.0135	1,138.55	360.00	1,495.95	1.00	230.41
95	132	Cata, Robert & Kathleen (PW)	217 Hagener Circle	Coatesville	19320	Residential	Public Water	240684566	933.75	42,500.00	0.0135	673.75	360.00	933.75	1.00	116.46
96	133	Chapman, Thomas A. (PW)	622 Hagener Circle	Coatesville	19320	Residential	Public Water	240684566	851.50	29,000.00	0.0135	491.50	360.00	851.50	1.00	78.45
97	134	Chapman, Paul L. (PW)	48 Laurel Lane	Coatesville	19320	Residential	Public Water	240674583	631.26	40,000.00	0.0135	371.05	360.00	631.26	1.00	114.66
98	135	Chang, Aier C	418 Adams Street	Coatesville	19320	Residential	Public Water	240743425	642.00	32,500.00	0.0135	432.64	210.00	642.00	1.00	149.52 Usage Starts 5/1/2016
99	136	Chivavack, Ann (PW)	117 Broad Meadow Drive	Coatesville	19365	Residential	Public Water	240684036	738.65	27,300.00	0.0135	378.65	360.00	738.65	1.00	78.44
100	137	Choi, Michael (PW)	135 Slate Ridge Road	Coatesville	19320	Residential	Public Water	240621177	1,299.57	61,000.00	0.0135	823.50	360.00	1,299.57	1.00	187.12
101	138	Christianson, Matthew (PW)	1212 Wynona Lane	Coatesville	19320	Residential	Public Water	240745619	387.00		0.0135		380.00	387.00	1.00	
102	139	Chungrang, Benjamin U. (PW)	110 Fox Trail	Parisburg	19365	Residential	Public Water	240684566	645.50	21,000.00	0.0135	289.50	360.00	645.50	1.00	57.83
103	140	Claire, Jason G	612 Anderson Street	Parisburg	193											

120	157	Curry, Steven & Tanya (PW)	502 Broadmeadow Drive	Parkeburg	1938A	Residential	Public Water	240887203	1,024.90	-2,000.00	0.0155	567.00	390.00	97.80	1,024.90	1.00	115.07
121	158	Cusumano, Kase (PW)	5072 Colonial Court	Coatesville	19320	Residential	Public Water	240881056	730.00	78,000.00	0.0155	-574.00	960.00		730.00	1.00	78.71
122	159	D'Almeida, Madeline Ann (PW)	304 Teago Avenue	Coatesville	19320	Residential	Public Water	2408747490	873.00	38,000.00	0.0155	-513.00	360.00		873.00	1.00	134.11
123	160	Daily, Judith G	509 Fox Trail	Parkeburg	19365	Residential	Public Water	2408895778	372.00	12,000.00	0.0136	-162.00	210.00		372.00	1.00	36.00
124	161	Dandrea, Jason & Heather (PW)	700 Forrest Drive	Coatesville	19320	Residential	Public Water	240627657	1,572.30	59,800.00	0.0125	-1,212.30	360.00		1,572.30	1.00	245.09
125	162	Daniels, Thomas (PW)	1382 Old Wilmington Road, PO Box 35	Pomeroy	19367	Residential	Public Water	240619473	1,019.80	43,500.00	0.0135	-887.25	380.00		1,019.80	1.00	119.16
126	163	Darvas, Christian (PW)	26 West Drive	Parkeburg	19365	Residential	Public Water	2408790901	627.00	-2,200.00	0.0155	-567.00	300.00		627.00	1.00	115.07
127	164	Davis, Carol	415 Green Hill Road	Parkeburg	19365	Residential	Public Water	2405285029	240.00	10,000.00	0.0135	-136.00	105.00		240.00	1.00	43.86
128	165	Davis, Conrad & Myrtle (PW)	9 North Street, PO Box 189	Pomeroy	19367	Residential	Public Water	240734663	601.85	17,800.00	0.0152	-241.88	359.00		601.85	1.00	45.04
129	166	Davis, Jennifer (PW)	505 Chennil Road	Parkeburg	19365	Residential	Public Water	240830087	967.50	15,000.00	0.0135	-807.50	360.00		967.50	1.00	123.20
130	167	DeFalco, Andrea (PW)	310 Fox Trail	Parkeburg	19365	Residential	Public Water	240884662	-474.75	6,000.00	0.0135	81.00	280.00	35.75	-474.75	1.00	16.44
131	168	DeJesse, Gerardo & Carol (PW)	134 Autumn Trail	Coatesville	19320	Residential	Public Water	240891281	1,021.20	48,000.00	0.0135	-861.50	280.00		1,021.20	1.00	234.25
132	169	DeSantis, Adamo (PW)	110 State Ridge Road	Coatesville	19320	Residential	Public Water	240515657	1,782.45	58,700.00	0.0135	-792.45	280.00		1,782.45	1.00	160.85
133	170	Deza, Leonida (PW)	120 Autumn Trail	Coatesville	19320	Residential	Public Water	242515535	895.70	24,200.00	0.0135	-328.70	190.00		895.70	1.00	65.31
134	171	Derry, Christopher (PW)	112 Fox Trail	Parkeburg	19365	Residential	Public Water	2404865677	887.50	25,000.00	0.0135	-397.50	250.00		887.50	1.00	95.45
135	172	DeSmane, David G (PW)	25 Wick Drive	Parkeburg	19365	Residential	Public Water	240871689	1,972.00	32,000.00	0.0135	-432.00	360.00	290.00	1,972.00	1.00	87.87
136	173	DeSpreux, Nicole (PW)	22 Spaulding Avenue	Coatesville	19320	Residential	Public Water	240615540	848.00	38,000.00	0.0135	-648.00	300.00		848.00	1.00	157.85
137	174	Davin, Claudia (PW)	84 Washington Lane	Coatesville	19320	Residential	Public Water	240885476	346.00	35,000.00	0.0135	-486.20	260.00		346.00	1.00	96.83
138	175	DeQuattro, Alfonso (PW)	415 Flagstone Circle	Coatesville	19320	Residential	Public Water	240675593	982.10	44,800.00	0.0135	-802.10	360.00		982.10	1.00	98.83
139	176	DeRidder, Rosemary (PW)	281 Broad Meadow Dr	Parkeburg	19365	Residential	Public Water	240883888	599.50	17,000.00	0.0135	-229.50	360.00		599.50	1.00	122.15
140	177	Doblich, Joseph A (PW)	45 Real Street	Coatesville	19320	Residential	Public Water	240883888	774.50	31,000.00	0.0135	-418.50	360.00		774.50	1.00	46.58
141	178	D'Onofrio, Adriana M (PW)	416 Flagstone Circle	Coatesville	19320	Residential	Public Water	240874812	1,658.80	51,800.00	0.0135	-698.83	360.00		1,658.80	1.00	84.85
142	179	Doran, Erica G (PW)	208 Jeep Drive	Parkeburg	19365	Residential	Public Water	240881587	1,226.33	58,100.00	0.0136	-757.35	390.00		1,226.33	1.00	84.37
143	180	Dorsey, Malyn (PW)	1247 Old Wilmington Road, PO Box 147	Pomeroy	19367	Residential	Public Water	240819440	758.51	28,300.00	0.0135	-581.10	280.00	25.00	758.51	1.00	150.70
144	181	Dorothy, Joseph (PW)	48 Helen Street, PO Box 237	Pomeroy	19367	Residential	Public Water	240819440	-482.85	9,100.00	0.0135	-122.85	360.00		-482.85	1.00	72.86
145	182	Dorwan, Jesse A (PW)	1528 Valley Road	Parkeburg	19365	Residential	Public Water	240818919	724.50	27,600.00	0.0136	-364.50	360.00		724.50	1.00	24.80
146	183	Dragich, Susan J (PW)	507 Peace Lane	Coatesville	19320	Residential	Public Water	240875593	582.50	15,000.00	0.0135	-252.50	360.00		582.50	1.00	70.87
147	184	Dryden, Charles	102 Green Hill Road	Parkeburg	19365	Residential	Public Water	2406777085	743.05	18,500.00	0.0135	-323.05	360.00		743.05	1.00	41.14
148	185	Duck, Jesse R (PW)	609 Fox Trail	Parkeburg	19365	Residential	Public Water	240891485	800.75	25,000.00	0.0135	-391.50	180.00	29.25	800.75	1.00	188.34
149	186	Dunn, David	36 Real Street	Coatesville	19320	Residential	Public Water	240671621	523.50	21,000.00	0.0135	-283.50	240.00		523.50	1.00	65.78
150	187	Domeneghini, Thomas & Barbara (PW)	855 Timber Drive	Coatesville	19320	Residential	Public Water	240888418	1,105.20	55,200.00	0.0135	-744.20	360.00		1,105.20	1.00	161.22
151	188	Eason, Robert J (PW)	1944 Valley Road	Parkeburg	19365	Residential	Public Water	240819484	985.40	18,400.00	0.0135	-626.40	360.00		985.40	1.00	127.12
152	189	Ebke, Kirk & Donna (PW)	414 Flagstone Circle	Coatesville	19320	Residential	Public Water	240681051	1,059.00	54,000.00	0.0135	-725.00	360.00		1,059.00	1.00	147.95
153	190	Edna, Rosemary (PW)	711 Fox Trail	Parkeburg	19365	Residential	Public Water	240735687	918.90	38,000.00	0.0135	-519.50	360.00		918.90	1.00	106.11
154	191	Ella, Brian (PW)	407 Broad Meadow Drive	Parkeburg	19365	Residential	Public Water	240888884	732.05	27,200.00	0.0135	-373.25	360.00	88.80	732.05	1.00	271.78
155	192	Ericksen, John (PW)	47 Lincoln Avenue	Coatesville	19320	Residential	Public Water	240474522	775.50	27,000.00	0.0135	-414.50	360.00		775.50	1.00	64.45
156	193	Eshleman, Eric V (PW)	454 Green Hill Road	Parkeburg	19365	Residential	Public Water	240688225	864.00	24,800.00	0.0135	-324.00	360.00		864.00	1.00	65.78
157	194	Espanosa, Mercedes (PW)	23 Penn Street	Coatesville	19320	Residential	Public Water	240881852	1,563.25	74,300.00	0.0135	-1,023.25	360.00		1,563.25	1.00	205.56
158	195	Evrein, Carlo (PW)	519 Broad Meadow Dr	Parkeburg	19365	Residential	Public Water	240481842	913.50	41,000.00	0.0135	-558.50	360.00		913.50	1.00	112.23
159	196	Evans, Jean (PW)	110 S. Hamer Blvd	Coatesville	19320	Residential	Public Water	240678587	688.80	35,800.00	0.0135	-324.80	360.00		688.80	1.00	108.32
160	197	Evans, David (PW)	38 Lincoln Avenue	Coatesville	19320	Residential	Public Water	240740596	1,459.20	69,200.00	0.0135	-1,838.20	550.00		1,459.20	1.00	76.71
161	198	Evans, Steven & Debra (PW)	913 Colonial Court	Coatesville	19320	Residential	Public Water	240887493	1,116.00	36,000.00	0.0135	-756.00	360.00		1,116.00	1.00	143.42
162	199	Evans, Thomas C (PW)	1201 Wynne Lane	Coatesville	19320	Residential	Public Water	240874802	1,017.45	45,700.00	0.0135	-657.45	360.00		1,017.45	1.00	133.42
163	200	Ezell, John A (PW)	211 Broad Meadow Drive	Parkeburg	19365	Residential	Public Water	240888948	506.60	11,000.00	0.0135	-148.60	360.00		506.60	1.00	30.14
164	201	Fancy, Richard & Jean (PW)	501 Fox Trail	Parkeburg	19365	Residential	Public Water	240884409	1,025.00	50,000.00	0.0135	-676.00	280.00		1,025.00	1.00	136.94
165	202	Faber, Brad (PW)	595 Old Wilmington Road	Coatesville	19320	Residential	Public Water	240885454	527.00	42,300.00	0.0135	-567.00	260.00		527.00	1.00	116.07
166	203	Falke, Richard S Deborah (PW)	513 Bedford Road	Coatesville	19320	Residential	Public Water	240884982	1,348.89	73,100.00	0.0136	-865.85	360.00		1,348.89	1.00	206.27
167	204	Falstad, Henry	813 Colonial Court	Parkeburg	19365	Residential	Public Water	240888888	1,619.00	64,000.00	0.0135	-788.00	360.00		1,619.00	1.00	147.95
168	205	Favara, Timothy (PW)	6 Wick Drive	Coatesville	19320	Residential	Public Water	240710268	738.00	38,000.00	0.0135	-378.00	360.00		738.00	1.00	76.71
169	206	Fawcett, Robert (PW)	1507 Valley Road	Coatesville	19320	Residential	Public Water	240810582	1,367.10	74,500.00	0.0135	-1,071.10	360.00		1,367.10	1.00	264.20
170	207	Felton, Diane M (PW)	308 Fox Trail	Parkeburg	19365	Residential	Public Water	240684580	878.40	38,400.00	0.0136	-418.40	360.00		878.40	1.00	109.21
171	208	Filey, David (PW)	808 Colonial Court	Coatesville	19320	Residential	Public Water	240891283	765.00	30,000.00	0.0135	-405.00	360.00		765.00	1.00	82.19
172	209	FLANAGAN, W. HARRY P (PW)	307 Fox Trail	Parkeburg	19365	Residential	Public Water	240884578	1,187.00	52,000.00	0.0135	-877.00	360.00		1,187.00	1.00	169.89
173	210	Flinn, Robert (PW)	19 Belvedere Avenue, PO Box 254	Pomeroy	19367	Residential	Public Water	240818542	1,186.20	61,200.00	0.0135	-826.20	360.00		1,186.20	1.00	187.57
174	211	Floren, Robert (PW)	21 Middle Street, PO Box 220	Pomeroy	19367	Residential	Public Water	240818489	872.70	25,000.00	0.0135	-272.70	360.00		872.70	1.00	36.34
175	212	Flyke, Patrick & Nicole (PW)	230 Flagstone Circle	Coatesville	19320	Residential	Public Water	240691295	282.20	3,000.00	0.0135	-40.40	210.00	31.70	282.20	1.00	12.85
176	213	Foiles, David (PW)	310 Green Hill Road	Parkeburg	19365	Residential	Public Water	2408874801	1,400.85	77,100.00	0.0135	-1,040.85	660.00		1,400.85	1.00	211.23
177	214	Forgione, Vincent S (PW)	202 Fox Trail	Parkeburg	19365	Residential	Public Water	2404382963	468.00	8,000.00	0.0135	-108.00	360.00		468.00	1.00	21.92
178	215	Foster, Samantha L (PW)	135 S. Hamer Blvd	Coatesville	19320	Residential	Public Water	240741487	1,038.05	50,300.00	0.0135	-678.05	380.00		1,038.05	1.00	137.81
179	216	Foudoul, Konstantinos (PW)	113 Autumn Trail	Coatesville	19320	Residential	Public Water	240818547	1,038.05	50,300.00	0.0135	-678.05	380.00		1,038.05	1.00	137.81
180	217	Fowler, Susan (PW)	806 Timber Drive	Coatesville	19320	Residential	Public Water	240678587	1,033.99	47,700.00	0.0135	-643.99	360.00		1,033.99	1.00	170.86
181	218	Francis, Tony G & Cynthia S (PW)	493 Chestnut Street, PO Box 6	Pomeroy	19367	Residential	Public Water	240878888	812.50	31,000.00	0.0135	-452.50	360.00		812.50	1.00	112.33
182	219	Francis, Tony G & Source S (PW)	51 Spruce Street, PO Box 5	Pomeroy	19367	Residential	Public Water	240819480	411.55	5,300.00	0.0135	-71.55	360.00		411.55	1.00	14.42
183	220	Francis, Tony G & Source S (PW)	36-1 Spruce Street, PO Box 6	Pomeroy	19367	Residential	Public Water	240819485	968.85	45,100.00	0.0135	-608.85	360.00		968.85	1.00	123.56
184	221	Francis, Tony G & Source S (PW)	36-2 Spruce Street, PO Box 5	Pomeroy	19367	Residential	Public Water	240819484	709.85	25,700.00	0.0135	-348.95	360.00		709.85	1.00	70.41
185	222	Francis, Tony G (PW)	36 Spruce Street, PO Box 5	Pomeroy	19367	Residential	Public Water	240819485	589.25	18,500.00	0.0135	-208.25	360.00		589.25	1.00	42.47
186	223	Francis, Tony G & Chestnut St (PW)	491 Chestnut Street, PO Box 6	Pomeroy	19367	Residential	Public Water	240818484	830.00	20,							

196	236 Cabaniss, Ron (PW)	119 Alumi Trail	Cotatesville	19320	Residential	Public Water 240616540	1,254.00	84,000.00	0.0135	864.00	360.00	38.00	1,254.00	1.00	175.34
200	237 Gausler, Todd M. (PW)	536 Green Hill Road	Parkesburg	19365	Residential	Public Water 240599849	881.00	48,000.00	0.0136	621.00	360.00		981.00	1.00	129.02
201	238 Gorman, Oscar (PW)	251 Fox Trail, PO Box 186	Sassonyville	19368	Residential	Public Water 240629948	1,657.00	85,000.00	0.0135	1,147.50	360.00		1,607.50	1.00	252.28
202	239 Gotsch, Heather M. (PW)	295 Fox Trail	Parkesburg	19365	Residential	Public Water 240662561	1,222.00	12,666.00	0.0155	1,022.00	360.00		1,222.00	1.00	92.68
203	240 Gotsch, John R. (PW)	120 North Hamar Blvd	Cotatesville	19320	Residential	Public Water 2406374800	1,257.75	34,500.00	0.0135	465.75	360.00		825.75	1.00	94.52
204	241 Gil, Catherine (NOT TIED IN)(PW)	1919 Valley Road	Parkesburg	19365	Residential	Public Water 240518506	857.00	22,000.00	0.0135	297.00	360.00		657.00	1.00	80.27
205	242 Glick, David (PW)	6 North Street	Pomeroy	19367	Residential	Public Water 9240736259	995.80	47,400.00	0.0138	639.50	360.00		995.80	1.00	125.86
206	243 Godwin, Tina M.(Denaven)(PW)	104 Eddie Drive	Parkesburg	19365	Residential	Public Water 240662094	868.25	27,500.00	0.0135	508.25	360.00		868.25	1.00	102.74
207	244 Gonzalez, honne (PW)	25 Spruce SK, PO Box 171	Pomeroy	19367	Residential	Public Water 240618467	922.55	41,600.00	0.0135	962.55	360.00		922.55	1.00	114.75
208	245 Gooding, Christina (PW)	121 Wynne Lane	Cotatesville	19320	Residential	Public Water 240714501	197.23	30,700.00	0.0135	474.45	360.00	23.18	737.65	1.00	86.17
209	246 Gray, Robert S. & Deborah (PW)	178 Flagstone Circle	Cotatesville	19320	Residential	Public Water 240591282	2,263.50	141,500.00	0.0135	1,905.50	360.00		2,263.50	1.00	352.35
210	247 Grebler, Catherine M. (PW)	*208 Wynne Lane	Cotatesville	19320	Residential	Public Water 240745316	595.25	17,500.00	0.0135	230.25	360.00		595.25	1.00	47.85
211	248 GREEN, BAKARI & JENNIFER(PW)	414 Flagstone Circle	Cotatesville	19320	Residential	Public Water 240579351	1,197.00	62,000.00	0.0135	837.00	360.00		1,197.00	1.00	189.88
212	249 Green, Tom (PW)	510 Pebble Lane	Cotatesville	19320	Residential	Public Water 240A73001	1,201.35	82,300.00	0.0135	841.05	360.00		1,201.35	1.00	170.62
213	250 Greese, Brian J. (PW)	14 Spawding Avenue	Cotatesville	19320	Residential	Public Water 240619337	738.00	28,000.00	0.0135	378.00	360.00		738.00	1.00	76.71
214	251 Greenfield, Tom (15 Morris) NOT CONNECTED	15 Morris Lane, PO Box 97	Sassonyville	19365	Residential	Public Water 92406877124	1,548.00	80,000.00	0.0135	1,188.00	360.00		1,548.00	1.00	241.10
215	252 Greenfield, Tom (2607 Lincoln Hwy) PW	2507 Lincoln Highway, PO Box 57	Sassonyville	19365	Residential	Public Water 240692510	1,855.50	37,000.00	0.0135	495.50	360.00		1,855.50	1.00	101.27
216	253 Greenwall, Joseph (PW)	312 Flagstone Circle	Cotatesville	19320	Residential	Public Water 240642288	4,230.75	64,500.00	0.0135	878.75	360.00		1,230.75	1.00	175.71
217	254 Greign, Charles & Susan (PW)	314 Bedrock Road	Cotatesville	19320	Residential	Public Water 240623181	1,016.30	48,800.00	0.0135	658.60	360.00		1,016.30	1.00	132.70
218	255 Gregg, Jay (Oran Towne)(PW)	7 Penn Street	Cotatesville	19320	Residential	Public Water 240619911	874.35	38,100.00	0.0135	514.35	360.00		874.35	1.00	104.38
219	256 Grogan, Nicholas (PW)	25 Reed Street	Cotatesville	19320	Residential	Public Water 240694562	754.00	44,000.00	0.0135	594.00	360.00		754.00	1.00	102.33
220	257 Groh, Tony & Amy (PW)	10 Vexx Drive	Parkesburg	19365	Residential	Public Water 240168064	1,281.50	69,000.00	0.0135	931.50	360.00		1,281.50	1.00	188.04
221	258 Gross, Jason	917 Colonial Court	Cotatesville	19320	Residential	Public Water 9240687492	223.45	9,900.00	0.0135	133.45	360.00		223.45	1.00	27.86
222	259 Gulton, Vincent E. (PW)	16 Wick Drive	Parkesburg	19365	Residential	Public Water 240119045	1,399.50	77,000.00	0.0135	1,039.50	360.00		1,399.50	1.00	219.96
223	260 Hahn, Steve (PW)	822 Kings Street	Parkesburg	19365	Residential	Public Water 240694369	343.65	9,500.00	0.0135	133.65	360.00		343.65	1.00	45.00
224	261 Halverson, James (PW)	1228 Old Wilmington Road, PO Box 4	Pomeroy	19367	Residential	Public Water 240619648	748.10	22,800.00	0.0135	286.10	360.00	30.00	748.10	1.00	78.36
225	262 Hall, Geraldine (PW)	307 Fox Trail	Parkesburg	19365	Residential	Public Water 240618405	874.37	38,000.00	0.0135	486.50	360.00		874.37	1.00	99.63
226	263 Hanaway, Stephen (PW)	35 Vexx Drive	Parkesburg	19365	Residential	Public Water 240728034	339.79	42,500.00	0.0135	572.75	360.00		339.79	1.00	116.44
227	264 Harlan, Johnathan	220 Flagstone Circle	Cotatesville	19320	Residential	Public Water 92406871266	223.85	15,100.00	0.0135	203.85	360.00		223.85	1.00	124.77
228	265 Harza, Shaun & Amybeth (PW)	104 Fox Trail	Parkesburg	19365	Residential	Public Water 240680972	1,318.50	71,000.00	0.0135	858.50	360.00		1,318.50	1.00	194.22
229	266 Harbin, Jeremy Mark (PW)	8 Wick Drive	Cotatesville	19320	Residential	Public Water 240714501	562.93	15,000.00	0.0135	222.53	360.00		562.93	1.00	47.16
230	267 Harlan, Jeffrey Mark Apt 2(PW)	945 Old Wilmington Road, PO Box 1171	Cotatesville	19320	Residential	Public Water 240627148	813.30	34,800.00	0.0135	456.30	360.00		813.30	1.00	92.60
231	268 Harlan, Jeffrey Mark Apt 3(PW)	945 Old Wilmington Road, PO Box 1171	Cotatesville	19320	Residential	Public Water 240727150	685.35	24,100.00	0.0135	373.35	360.00		685.35	1.00	66.03
232	269 Harlan, Jeffrey Mark Apt 3(PW)	945 Old Wilmington Road, PO Box 1171	Cotatesville	19320	Residential	Public Water 240727152	690.35	14,100.00	0.0135	180.35	360.00		690.35	1.00	38.63
233	270 Harlan, Jeffrey (PW)	943 Old Wilmington Road, PO Box 1171	Cotatesville	19320	Residential	Public Water 520202775	944.55	42,300.00	0.0135	584.55	360.00		944.55	1.00	116.69
234	271 Harmon, Jason (PW)	190 E. Harner Blvd	Cotatesville	19320	Residential	Public Water 240745312	976.85	47,800.00	0.0135	846.85	360.00		976.85	1.00	143.41
235	272 Harmon, Lisa (PW)	226 Old Wilmington Road	Cotatesville	19320	Residential	Public Water 240692947	940.50	42,800.00	0.0135	600.50	360.00		940.50	1.00	117.81
236	273 Hemminger, Craig M. (PW)	238 Fox Trail	Parkesburg	19365	Residential	Public Water 240614105	576.20	18,200.00	0.0135	274.20	360.00		576.20	1.00	43.58
237	274 Henning, John (PW)	701 Fox Trail	Parkesburg	19365	Residential	Public Water 240692546	589.50	17,000.00	0.0135	229.50	360.00		589.50	1.00	59.50
238	275 Henkins, Ronald (PW)	509 Green Hill Road	Parkesburg	19365	Residential	Public Water 240690089	427.05	2,300.00	0.0135	31.05	360.00		427.05	1.00	5.00
239	276 Hayes, Eric (PW)	1206 Wynne Lane	Cotatesville	19320	Residential	Public Water 924068719625	705.60	25,800.00	0.0135	346.80	360.00	32.00	705.60	1.00	70.14
240	277 Hayack, Alex & Tamara (PW)	35 Wick Drive	Parkesburg	19365	Residential	Public Water 240710936	1,494.00	84,000.00	0.0135	1,134.00	360.00		1,494.00	1.00	230.14
241	278 Hegodus, Barbara (PW)	404 Fox Trail	Parkesburg	19365	Residential	Public Water 240691282	618.80	15,000.00	0.0135	256.80	360.00		618.80	1.00	50.25
242	279 Heideberger, Donna (PW)	112 Green Hill Road	Parkesburg	19365	Residential	Public Water 240677025	850.00	22,000.00	0.0135	270.00	360.00		850.00	1.00	54.75
243	280 Helteman, Neil St (Gambett) (PW)	7 Greenock Drive, PO Box 116	Pomeroy	19367	Residential	Public Water 240618465	2,366.00	116,000.00	0.0135	1,869.00	360.00		2,366.00	1.00	65.44
244	281 Henning, Kevin (PW)	38 Wick Drive	Parkesburg	19365	Residential	Public Water 240709928	798.00	29,000.00	0.0135	378.00	360.00		798.00	1.00	73.72
245	282 Henry, Haley Baker (PW)	262 Flagstone Circle	Cotatesville	19320	Residential	Public Water 240623767	1,050.98	48,700.00	0.0135	670.85	360.00		1,050.98	1.00	138.16
246	283 Henry, Matthew & Lavetha (PW)	407 Pebble Lane	Cotatesville	19320	Residential	Public Water 240678287	457.90	35,400.00	0.0135	477.80	360.00		457.90	1.00	99.98
247	284 Hernandez, Angel Flores (PW)	90 Colonial Court	Cotatesville	19320	Residential	Public Water 240681055	468.00	8,000.00	0.0135	108.00	360.00		468.00	1.00	21.82
248	285 Hetrn, Gregg (PW)	30 Wick Drive	Parkesburg	19365	Residential	Public Water 240709940	718.00	28,000.00	0.0135	378.00	360.00		718.00	1.00	73.71
249	286 High, Kassanundra	102 W Harner Blvd	Cotatesville	19320	Residential	Public Water 92406874911	755.59	29,300.00	0.0135	395.59	360.00		755.59	1.00	80.27
250	287 Hillman, John (PW)	49 Reed Street	Cotatesville	19320	Residential	Public Water 240635463	483.00	10,000.00	0.0135	183.00	360.00		483.00	1.00	27.40
251	288 Hines, Bryan	308 Flagstone Circle	Cotatesville	19320	Residential	Public Water 92410895239	830.00	20,000.00	0.0135	270.00	360.00		830.00	1.00	66.79
252	289 Hinton, Mady (PW) 2832	2322 Lincoln Highway, 235 Compass Road	Parkesburg	19365	Residential	Public Water 240677103	948.60	43,800.00	0.0135	568.60	360.00		948.60	1.00	119.45
253	290 Hinton, Windy (PW) 2524	2854 Lincoln Highway, 235 Compass Road	Parkesburg	19365	Residential	Public Water 240690820	670.50	23,600.00	0.0135	310.50	360.00		670.50	1.00	69.01
254	291 Hochberg, Wney (PW)	206 Green Hill Road	Parkesburg	19365	Residential	Public Water 240677540	778.60	31,000.00	0.0135	418.30	360.00		778.60	1.00	84.93
255	292 Hoffman, Kristen R. (PW)	11 Morris Lane	Cotatesville	19320	Residential	Public Water 240677325	950.00	40,000.00	0.0135	340.00	360.00		950.00	1.00	139.59
256	293 Hogg, Everett C. (PW)	19 North Street, PO Box 145	Pomeroy	19367	Residential	Public Water 240734558	412.65	3,560.00	0.0135	82.65	360.00		412.65	1.00	13.66
257	294 Roggatz, Diane & Anthony (PW)	2 Wick Drive	Parkesburg	19365	Residential	Public Water 240709928	1,152.00	32,000.00	0.0135	502.00	360.00		1,152.00	1.00	145.23
258	295 Holladay, Richard (PW)	482 Timber Drive	Cotatesville	19320	Residential	Public Water 240681064	822.25	46,100.00	0.0135	622.25	360.00		822.25	1.00	125.50
259	296 Houshick, Timothy (PW)	127 Wynne Lane	Cotatesville	19320	Residential	Public Water 2404746522	733.95	27,700.00	0.0135	373.95	360.00		733.95	1.00	75.98
260	297 Holton, James (PW)	412 Green Hill Road	Parkesburg	19365	Residential	Public Water 240685000	618.00	24,000.00	0.0135	458.00	360.00		618.00	1.00	93.15
261	298 Horgan, John	618 COLONIAL COURT	Cotatesville	19320	Residential	Public Water 240688786	775.50	31,000.00	0.0135	415.50	360.00		775.50	1.00	84.93
262	299 Hottelak, Jasec A. (PW)	127 Alumi Trail	Cotatesville	19320	Residential	Public Water 92406816503	882.45	16,700.00	0.0135	522.45	360.00		882.45	1.00	103.05
263	300 Houze, Thomas	10 Spruce Street	Parkesburg	19365	Residential	Public Water 240619452	877.50	5,800.00	0.0135	67.50	360.00		877.50	1.00	166.87
264	301 Howard, Albert (PW)	69 Washington Lane	Cotatesville	19320	Residential	Public Water 240690928	1,887.00	24,000.00	0.0135	524.00	360.00		1,887.00	1.00	85.23
265	302 Huestach, Brad & Christina (PW)	123 Alumi Trail	Cotatesville	19320	Residential	Public Water 240618652	1,207.80	62,800.00	0.0135	847.80	360.00		1,207.80	1.00	172.05
266	303 Hump, Johann Resolute (PW)	24 North Street, PO Box 82	Pomeroy	19367	Residential	Public Water 240619496	1,039.80	54,800.00	0.0135	739.80	360.00		1,039.80	1.00	150.14
267	304 Hyun, Robert & Sara. (PW)	709 Forest Drive	Cotatesville	19320	Residential	Public Water 240677894	1,362.25	70,500.00	0.0135	832.25	360.00	34.00	1,362.25	1.00	201.37
268	305 Iwak, Christopher (PW)	1903 Valley Road	Cotatesville	19320	Residential	Public Water 240A18310	813.60	33,500.00	0.0135	493.60	36				

278	315 Johnson, Samira (PW)	507 Swamin Rao	Parkeburg	16365	Residential	Public Water 240880088	752.00	32,000.00	0.0735	432.00	360.00	792.00	1.00	87.87
280	317 Jones, Nancy (PW)	103 Broad Meadows Drive	Parkeburg	16367	Residential	Public Water 240885165	1,143.00	38,000.00	0.0735	782.00	360.00	1,142.00	1.00	156.90
281	319 Jones, William & Christine (PW)	36 Chestnut Street P.O. Box 21	Pomroy	16367	Residential	Public Water 240885165	628.10	39,000.00	0.0735	276.10	360.00	638.10	1.00	52.44
282	319 Carman, Joshua (PW)	121 Autumn Trail	Cortesville	16367	Residential	Public Water 240816551	891.15	34,800.00	0.0735	477.15	360.00	831.15	1.00	88.82
283	320 Jurata, Nicholas J. III (PW)	102 Broad Meadows Dr.	Cortesville	16365	Residential	Public Water 240816551	859.50	37,000.00	0.0735	495.50	360.00	859.50	1.00	101.37
284	321 JVF 2642 LINCOLN HWY SW	228 Flagstone Circle	Cortesville	16365	Residential	Public Water 240881858	522.00	12,000.00	0.0735	182.00	360.00	522.00	1.00	32.88
285	322 JVF 2650 LINCOLN HWY	2842 Lincoln Highway, PO Box 10	Sadsburyville	16366	Residential	Public Water 240873693	835.20	35,200.00	0.0735	475.20	360.00	835.20	1.00	96.44
286	323 JVF 2654 LINCOLN HWY	2960 Lincoln Highway, PO Box 10	Sadsburyville	16365	Residential	Public Water 240873693	734.25	39,500.00	0.0735	344.25	360.00	734.25	1.00	89.86
287	324 JVF Partners 2851 Lincoln Hwy (PW)	2864 Lincoln Highway, PO Box 10	Sadsburyville	16366	Residential	Public Water 240873693	1,117.85	38,700.00	0.0735	751.85	360.00	1,117.85	1.00	152.89
288	325 JVF Partners 2854 Lincoln Hwy (PW)	2954 Lincoln Highway, PO Box 10	Sadsburyville	16369	Residential	Public Water 240873693	-1,747.00	27,000.00	0.0735	364.50	360.00		1.00	73.97
289	326 JVF Partners 2858 Lincoln Hwy	2958 Lincoln Highway, PO Box 10	Sadsburyville	16369	Residential	Public Water 5000031001	1,194.30	21,800.00	0.0735	834.30	360.00	1,194.30	1.00	163.32
290	327 JVF Partners 2975 Lincoln Hwy FL 1 (PW)	2675 Lincoln Highway, PO Box 10	Sadsburyville	16369	Residential	Public Water 5000031001	344.30	1,800.00	0.0735	24.30	360.00	344.30	1.00	4.93
291	328 JVF Partners 2975 Lincoln Hwy FL 2 (PW)	2975 Lincoln Highway, PO Box 10	Sadsburyville	16368	Residential	Public Water 240702345	528.35	32,100.00	0.0735	568.35	360.00	528.35	1.00	115.34
292	329 Kaczmarek, Doris (PW)	210 Flagstone Circle	Cortesville	16368	Residential	Public Water 240873693	711.00	26,000.00	0.0735	351.00	360.00	711.00	1.00	71.23
293	330 Kang, Alanung (PW)	128 Dennis Road	Parkeburg	16365	Residential	Public Water 240877053	887.00	29,800.00	0.0735	537.00	360.00	887.00	1.00	106.04
294	331 Kang, Alanung (PW)	614 Fox Trail	Parkeburg	16365	Residential	Public Water 240828541	1,251.00	36,000.00	0.0735	891.00	360.00	1,251.00	1.00	162.62
295	332 Keech, James & Judy (PW)	100 Julie Drive	Parkeburg	16365	Residential	Public Water 240671849	784.70	22,200.00	0.0735	434.70	360.00	784.70	1.00	80.22
296	333 Kerms, Paul (PW)	302 Flagstone Circle	Cortesville	16365	Residential	Public Water 240666057	1,256.40	36,400.00	0.0735	896.40	360.00	1,256.40	1.00	181.82
297	334 Kent, Jonathan & Denise (PW)	611 Bedford Road	Cortesville	16300	Residential	Public Water 240827044	1,160.55	10,300.00	0.0735	600.55	360.00	1,160.55	1.00	162.47
298	335 Keyton, Stephen W. (PW)	015 Bedford Road	Cortesville	16320	Residential	Public Water 240023590	1,048.50	21,000.00	0.0735	688.50	360.00	1,048.50	1.00	138.79
299	336 Kints, Michele	1402 Price Lane	Coatesville	16322	Residential	Public Water 240818185	991.80	38,800.00	0.0735	631.80	360.00	991.80	1.00	128.22
300	337 Knack, John A. Jr. (PW)	1626 State Ridge Road	Cortesville	16322	Residential	Public Water 240818185	455.75	24,500.00	0.0735	185.75	360.00	455.75	1.00	59.75
301	338 Knick, Korman (PW)	131 Nassau Lane	Cortesville	16320	Residential	Public Water 240793048	1,450.80	30,000.00	0.0735	1,290.80	360.00	1,450.80	1.00	191.92
302	339 Kisty, Felicia (PW)	413 Flagstone Circle	Cortesville	16320	Residential	Public Water 240670885	1,830.35	24,100.00	0.0735	1,270.35	360.00	1,830.35	1.00	257.81
303	340 King, Callie Rose (MIDDLE) (PW)	15 Middle Street	Cortesville	16320	Residential	Public Water 240081355	1,540.75	24,000.00	0.0735	843.75	360.00	1,540.75	1.00	206.09
304	341 Klingman, Michael (PW)	15 Wick Drive	Parkeburg	16365	Residential	Public Water 240711387	738.00	28,000.00	0.0735	378.00	360.00	738.00	1.00	76.71
305	342 Klonas, Pamela (PW)	504 Green Hill Road	Parkeburg	16365	Residential	Public Water 240666554	678.50	23,000.00	0.0735	314.50	360.00	678.50	1.00	53.01
306	343 Knoch, Dale (PW)	42 Wick Drive	Parkeburg	16365	Residential	Public Water 240811140	813.50	11,000.00	0.0735	353.50	360.00	813.50	1.00	112.29
307	344 Koubilsky, Michael 28 Chestnut St	28 Chestnut Street	Parkeburg	16365	Residential	Public Water 240780853	889.15	22,900.00	0.0735	389.15	360.00	889.15	1.00	92.74
308	345 Kozlowski, Marice A. (PW)	313 Flagstone Circle	Cortesville	16320	Residential	Public Water 240828158	1,215.00	23,400.00	0.0735	855.00	360.00	1,215.00	1.00	173.70
309	346 Krakow, Patrick	571 Green Hill Rd	Parkeburg	16366	Residential	Public Water 240800000	1,425.50	27,000.00	0.0735	766.50	360.00	1,425.50	1.00	156.18
310	347 Krauser, Adam (PW)	4 Smith Farm Lane	Parkeburg	16365	Residential	Public Water 240618528	684.00	24,000.00	0.0735	324.00	360.00	684.00	1.00	65.75
311	348 Krauser, Mark (PW)	28 Baywater Avenue PO Box 56	Pomroy	16367	Residential	Public Water 240819528	606.55	13,300.00	0.0735	448.55	360.00	606.55	1.00	81.29
312	349 Krebs, Dennis M. (PW)	807 Fox Trail	Parkeburg	16366	Residential	Public Water 240698549	987.50	25,000.00	0.0735	607.50	360.00	987.50	1.00	123.26
313	350 Kuch, John A. Jr. (PW)	402 Flagstone Circle	Parkeburg	16365	Residential	Public Water 240874811	1,017.45	42,700.00	0.0735	637.45	360.00	1,017.45	1.00	133.42
314	351 Kuschinger, Bonnie & Susan (PW)	125 Broad Meadows Drive	Parkeburg	16365	Residential	Public Water 240828182	858.50	37,000.00	0.0735	488.50	360.00	858.50	1.00	107.83
315	352 Kyrusick, Jay (PW)	28 Fox Trail	Parkeburg	16365	Residential	Public Water 240711387	938.25	23,000.00	0.0735	445.25	360.00	938.25	1.00	93.41
316	353 Kurasko, Justin 15 Rosa Street (PW)	15 Red Street	Cortesville	16320	Residential	Public Water 240807949	1,281.50	28,000.00	0.0735	631.50	360.00	1,281.50	1.00	205.97
317	354 Kusaba, Justin	612 Backtick Road	Cortesville	16320	Residential	Public Water 240820748	170.70	8,200.00	0.0735	110.70	360.00	170.70	1.00	134.43
318	355 Kushan, Dip & Simha (PW)	124 Autumn Trail	Cortesville	16320	Residential	Public Water 240618536	930.00	40,000.00	0.0735	540.00	360.00	930.00	1.00	131.59
319	356 401 Continental Avenue (Baker)	401 Continental Ave, PO Box 10	Sadsburyville	16369	Residential	Public Water 240674298	600.40	32,000.00	0.0735	432.00	360.00	600.40	1.00	87.67
320	357 402 Continental Avenue (Baker)	402 Continental Ave, PO Box 10	Sadsburyville	16369	Residential	Public Water 240674298	509.26	15,700.00	0.0735	225.46	360.00	509.26	1.00	45.75
321	358 403 Continental Avenue (Baker)	403 Continental Ave, PO Box 10	Sadsburyville	16369	Residential	Public Water 240674298	300.57	29,400.00	0.0735	531.80	360.00	300.57	1.00	37.83
322	359 404 Continental Avenue (Herringshaw)	404 Continental Ave, PO Box 10	Sadsburyville	16369	Residential	Public Water 240674298	787.96	31,300.00	0.0735	422.86	360.00	787.96	1.00	95.75
323	360 405 Continental Avenue (Tietzen)	405 Continental Ave, PO Box 10	Sadsburyville	16369	Residential	Public Water 240674298	631.85	24,300.00	0.0735	463.05	360.00	631.85	1.00	93.97
324	361 406 Continental Avenue (Stover)	406 Continental Ave, PO Box 10	Sadsburyville	16369	Residential	Public Water 240674298	491.59	18,400.00	0.0735	628.40	360.00	491.59	1.00	127.12
325	362 407 Continental Avenue (Curry)	407 Continental Ave, PO Box 10	Sadsburyville	16369	Residential	Public Water 240674298	1,061.86	23,400.00	0.0735	720.80	360.00	1,061.86	1.00	148.30
326	363 408 Continental Avenue (Murray)	408 Continental Ave, PO Box 10	Sadsburyville	16369	Residential	Public Water 240674298	398.41	17,100.00	0.0735	200.86	360.00	398.41	1.00	48.85
327	364 409 Continental Avenue (Timmerge)	409 Continental Ave, PO Box 10	Sadsburyville	16369	Residential	Public Water 240674298	497.58	9,900.00	0.0735	133.56	360.00	497.58	1.00	27.12
328	365 410 Continental Avenue (Alderman)	410 Continental Ave, PO Box 10	Sadsburyville	16369	Residential	Public Water 240674298	560.48	6,000.00	0.0735	216.00	360.00	560.48	1.00	42.84
329	366 501 Continental Avenue (Hoover)	501 Continental Ave, PO Box 10	Sadsburyville	16369	Residential	Public Water 240674298	484.25	9,000.00	0.0735	121.50	360.00	484.25	1.00	24.68
330	367 502 Continental Avenue (Wigginton)	502 Continental Ave, PO Box 10	Sadsburyville	16369	Residential	Public Water 240674298	740.59	27,700.00	0.0735	373.85	360.00	740.59	1.00	75.89
331	368 503 Continental Avenue (LSP/Giszewski)	503 Continental Ave, PO Box 10	Sadsburyville	16369	Residential	Public Water 240674298	582.74	6,700.00	0.0735	225.45	360.00	582.74	1.00	45.75
332	369 504 Continental Avenue (Worth)	504 Continental Ave, PO Box 10	Sadsburyville	16369	Residential	Public Water 240674298	593.71	6,900.00	0.0735	223.15	360.00	593.71	1.00	46.80
333	370 505 Continental Avenue (Casasco)	505 Continental Ave, PO Box 10	Sadsburyville	16369	Residential	Public Water 240674298	471.40	8,000.00	0.0735	168.00	360.00	471.40	1.00	21.52
334	371 506 Continental Avenue (Stacy)	506 Continental Ave, PO Box 10	Sadsburyville	16369	Residential	Public Water 240674298	817.54	23,200.00	0.0735	448.20	360.00	817.54	1.00	93.38
335	372 507 Continental Avenue (Rosenfeld)	507 Continental Ave, PO Box 10	Sadsburyville	16369	Residential	Public Water 240674298	925.32	34,000.00	0.0735	498.00	360.00	925.32	1.00	113.15
336	373 508 Continental Avenue (Klein)	508 Continental Ave, PO Box 10	Sadsburyville	16369	Residential	Public Water 240674298	640.97	30,400.00	0.0735	275.00	360.00	640.97	1.00	55.89
337	374 509 Continental Avenue (Price)	509 Continental Ave, PO Box 10	Sadsburyville	16369	Residential	Public Water 240674298	543.17	7,700.00	0.0735	184.95	360.00	543.17	1.00	37.33
338	375 510 Continental Avenue (Brown)	510 Continental Ave, PO Box 10	Sadsburyville	16369	Residential	Public Water 240674298	605.20	7,800.00	0.0735	240.30	360.00	605.20	1.00	48.77
339	376 601 Continental Avenue (Wilson/Tomko)	601 Continental Ave, PO Box 10	Sadsburyville	16369	Residential	Public Water 240994298	680.56	23,300.00	0.0735	314.55	360.00	680.56	1.00	93.64
340	377 602 Continental Avenue (LSP)	602 Continental Ave, PO Box 10	Sadsburyville	16369	Residential	Public Water 240674298	478.17	22,200.00	0.0735	313.20	360.00	478.17	1.00	81.56
341	378 603 Continental Avenue (Tietzen)	603 Continental Ave, PO Box 10	Sadsburyville	16369	Residential	Public Water 240674298	504.80	15,400.00	0.0735	254.80	360.00	504.80	1.00	25.89
342	379 604 Continental Avenue (Luzon)	604 Continental Ave, PO Box 10	Sadsburyville	16369	Residential	Public Water 240674298	483.88	8,800.00	0.0735	129.80	360.00	483.88	1.00	24.66
343	380 605 Continental Avenue (Kramer)	605 Continental Ave, PO Box 10	Sadsburyville	16369	Residential	Public Water 240674298	825.52							

327	384	708 Continental Avenue (Bowman)	708 Continental Ave, PO Box 10	Sanduskyville	19368	Residential	Public Water	8242749012	587.86	15,000.00	3.0135	232.50	360.00	5.92	507.86	1.20	41.10	
328	385	710 Continental Avenue (Dean)	710 Continental Ave, PO Box 10	Sanduskyville	19368	Residential	Public Water	9242749013	579.54	15,000.00	3.0135	234.55	360.00	4.89	579.54	1.00	41.58	
329	386	Land, Jeremy & Kim (PW)	109 Washington Lane	Coatesville	19320	Residential	Public Water	8048939494	1,075.50	53,000.00	0.0135	714.55	360.00		1,075.50	1.00	143.21	
330	387	Lake, Gary (PW)	15 Beverede Avenue, PO Box 247	Pomeroy	19367	Residential	Public Water	2408193301	722.40	39,420.00	0.0135	491.44	360.00	(93.00)	752.40	1.00	59.79	
331	388	Lewis, Stephen L. (PW)	189 S. Harrier Blvd	Coatesville	19320	Residential	Public Water	2407438800	1,271.25	67,500.00	0.0135	911.25	360.00		1,271.25	1.00	184.53	
332	389	Lowe, Marcus (PW)	44 Vuk Drive	Parkesburg	19365	Residential	Public Water	2407113906	1,021.50	49,000.00	0.0135	681.50	360.00		1,021.50	1.00	134.25	
333	400	Langan, Matthew (PW)	72 Washington Lane	Coatesville	19320	Residential	Public Water	2406954888	1,021.50	49,000.00	0.0135	681.50	360.00		1,021.50	1.00	134.25	
334	401	Lapp, Paul S	825 Fox Trail	Parkesburg	19365	Residential	Public Water	8240861433	207.20	2,320.00	0.0135	77.00	180.00		207.20	1.00	10.69 Usage Starts 4/15/2018	
335	402	Le, Phuoch (PW)	801 Timber Drive	Coatesville	19320	Residential	Public Water	240828247	886.50	38,030.00	0.0135	576.50	360.00		886.50	1.00	106.65	
336	404	Leamy, Emar (PW)	2 Newcom Avenue	Parkesburg	19365	Residential	Public Water	240618919	621.90	18,410.00	0.0135	261.90	360.00		621.90	1.00	50.15	
337	404	Lee, Ramond & Cheryl (PW)	51 Fox Trail	Parkesburg	19365	Residential	Public Water	240825204	334.25	330.00	0.0135	4.00	330.00		334.25	1.00	0.00 Last usage 8/11/2018	
338	405	Leffick, Robert & Delores (PW)	49 Westport Lane	Coatesville	19320	Residential	Public Water	240825484	1,480.50	82,000.00	0.0135	1,120.50	360.00		1,480.50	1.00	227.40	
339	408	Lernox, George (PW)	27 North Street, P.O. Box 219	Pomeroy	19367	Residential	Public Water	240734656	150.00		0.0135		160.00		150.00	1.00		
340	407	Leitz, Steve & Lisa (PW)	206 Flagstone Circle	Coatesville	19320	Residential	Public Water	240815593	1,528.40	86,400.00	0.0135	1,188.40	360.00		1,528.40	1.00	234.71 Last usage 3/11/2018	
341	408	Letts, Ronald C.	805 Fox Trail	Parkesburg	19365	Residential	Public Water	240822640	724.50	27,000.00	0.0135	384.50	360.00		724.50	1.00	73.87	
342	409	Lewis, Larry (PW)	704 Forest Drive	Coatesville	19320	Residential	Public Water	240823739	734.20	29,700.00	0.0135	364.20	360.00		734.20	1.00	80.00	
343	410	Lewis, Sarah (PW)	308 Green Hill Road	Parkesburg	19365	Residential	Public Water	240873859	50.00		0.0135		60.00		50.00	1.00		
344	411	Litwinski, George & Stephanie (PW)	203 Fox Trail	Parkesburg	19365	Residential	Public Water	240823232	840.50	43,000.00	0.0135	580.50	360.00		840.50	1.00	117.81	
345	412	Lizak, David W. (PW)	308 Tingo Ave	Coatesville	19320	Residential	Public Water	8240748488	1,017.45	48,700.00	0.0135	637.45	360.00		1,017.45	1.00	153.82	
346	413	Lizzo, Elizabeth (PW)	212 Green Hill Road	Coatesville	19320	Residential	Public Water	240877345	856.40	44,400.00	0.0135	599.40	360.00		856.40	1.00	121.84	
347	414	Lofus, Michael (PW)	27 Beverede Avenue, PO Box 131	Pomeroy	19367	Residential	Public Water	240819828	752.85	29,100.00	0.0135	622.85	360.00		752.85	1.00	79.73	
348	419	Long, Daniel (PW)	107 Shaw Ridge Road	Coatesville	19320	Residential	Public Water	240621178	670.20	45,200.00	0.0135	610.20	360.00		670.20	1.00	122.84	
349	410	Lopez, Amanda M. (PW)	22 Real Street	Coatesville	19320	Residential	Public Water	240855466	730.00	28,000.00	0.0135	378.00	360.00		730.00	1.00	76.71	
350	417	Lowe, Ken & Linda (PW)	10 Rich Street	Coatesville	19320	Residential	Public Water	240995457	765.00	30,000.00	0.0135	405.00	360.00		765.00	1.00	82.18	
351	418	Lucci, Robert (PW)	18 Washington Lane	Coatesville	19320	Residential	Public Water	240995471	201.60	1,800.00	0.0135	21.60	180.00		201.60	1.00	6.78 Last usage 3/31/2018	
352	419	Lynch, Brian (PW)	1203 BETH (PW)	208 Walnut Ave	Coatesville	19320	Residential	Public Water	24081418	1,174.10	57,000.00	0.0135	794.10	360.00		1,174.10	1.00	185.07
353	420	Lusby, Patricia (PW)	4 Middle Street, P.O. Box 216	Pomeroy	19367	Residential	Public Water	240821002	578.00	18,000.00	0.0135	218.00	360.00		578.00	1.00	43.84	
354	421	Lymbert, John (PW)	17 Wick Drive	Parkesburg	19365	Residential	Public Water	240708252	1,125.60	57,000.00	0.0135	769.50	360.00		1,125.60	1.00	156.16	
355	422	Lymbert, John (PW) Mauser	2815 Lincoln Highway	Sanduskyville	19368	Residential	Public Water	240873421	5,154.50	267,000.00	0.0135	3,044.50	2,820.00	30.00	6,154.50	7.00	731.51	
356	423	Lynch, Joseph & Erika (PW)	703 Forest Drive	Coatesville	19320	Residential	Public Water	240829807	1,293.00	74,000.00	0.0135	888.00	360.00		1,293.00	1.00	202.74	
357	424	Lynch, Jeffrey L. (PW)	607 Fox Trail	Parkesburg	19365	Residential	Public Water	240891434	718.50	31,000.00	0.0135	438.50	360.00		718.50	1.00	84.93	
358	425	Ma-Gran, Dany L. (PW)	705 Fox Trail	Parkesburg	19365	Residential	Public Water	240822657	697.00	22,800.00	0.0135	287.00	360.00		697.00	1.00	60.27	
359	428	MacCombe W, Herbert	208 Green Hill Road	Parkesburg	19365	Residential	Public Water	240877345	915.20	41,200.00	0.0135	596.20	360.00		915.20	1.00	112.89	
360	427	Mallory-Hill, Jonathan (PW)	25 Beverede Avenue, PO Box 92	Pomeroy	19367	Residential	Public Water	240818629	585.50	17,000.00	0.0135	229.50	360.00		585.50	1.00	49.48	
361	428	Mallory, Timothy (2) (PW)	1620 Valley Road	Coatesville	19320	Residential	Public Water	240818521	1,440.00	55,300.00	0.0135	760.35	720.00		1,440.00	2.00	154.25	
362	429	Malina Steven G (PW)	405 Fox Trail	Parkesburg	19365	Residential	Public Water	240891291	1,225.35	64,100.00	0.0135	865.35	360.00		1,225.35	2.00	175.82	
363	430	Malon William G. (PW)	452 Anderson St	Coatesville	19320	Residential	Public Water	9240743421	844.56	43,300.00	0.0135	584.56	360.00		844.56	1.00	119.63	
364	431	Manzall, Christopher (PW)	6 Helen Street, PO Box 192	Palmeroy	19272	Residential	Public Water	240819489	661.16	14,500.00	0.0135	201.15	360.00		661.16	1.00	40.82	
365	432	Marar, John (PW)	22 Sawdipie Hill Rd, PO Box 176	Pomeroy	19367	Residential	Public Water	240738183	524.70	12,200.00	0.0135	164.70	360.00		524.70	1.00	33.42	
366	433	Marshall, Michael (PW)	303 Tingo Avenue	Coatesville	19320	Residential	Public Water	2408743452	865.55	37,500.00	0.0135	560.55	360.00		865.55	1.00	102.19	
367	434	Martin, Angela (PW)	41 Flagstone Circle	Coatesville	19320	Residential	Public Water	240861902	1,338.80	68,000.00	0.0135	881.00	360.00	88.00	1,338.80	1.00	193.02	
368	435	Marinez, Carl A. (PW)	408 Flagstone Circle	Coatesville	19320	Residential	Public Water	240861940	586.50	17,000.00	0.0135	229.50	360.00		586.50	1.00	45.58	
369	436	Marinez, Sandra (PW)	7 Hean Street, PO Box 204	Pomeroy	19367	Residential	Public Water	240818683	5,149.78	58,500.00	0.0135	387.75	360.00		5,149.78	1.00	180.27	
370	437	Mariz, Daphne (PW)	25 Hoffman Ave.	Coatesville	19320	Residential	Public Water	240862446	1,251.00	68,000.00	0.0135	881.00	360.00		1,251.00	1.00	180.32	
371	438	Marvel, K, Stanley	612 Beards Road	Coatesville	19322	Residential	Public Water	924072645	178.35	2,100.00	0.0135	28.35	180.00		178.35	1.00	13.79 Starts 9/16/2018, Ende 7/21/2018	
372	439	Masuro, Nicholas (PW)	163 Stone Ridge Road	Coatesville	19322	Residential	Public Water	240818553	584.10	18,800.00	0.0135	224.10	360.00		584.10	1.00	45.48	
373	440	Matsumura, Michael (PW)	9 Middle Street, PO Box 215	Pomeroy	19367	Residential	Public Water	240819871	1,123.45	52,700.00	0.0135	796.45	360.00		1,123.45	1.00	156.24	
374	441	Mattio, Emily (PW)	17 Park Street	Coatesville	19320	Residential	Public Water	240818581	758.25	29,000.00	0.0135	336.25	360.00		758.25	1.00	87.82	
375	442	Maunula, Vicki & Estelena (PW)	37 Wick Drive	Parkesburg	19365	Residential	Public Water	240708033	1,621.00	88,200.00	0.0135	1,161.00	360.00		1,621.00	1.00	235.62	
376	443	Mauno, Leonard & Rita (PW)	102 Autumn Trail	Coatesville	19320	Residential	Public Water	8240861277	873.90	38,000.00	0.0135	613.00	360.00		873.90	1.00	104.11	
377	444	McAfee, Robert & Dana (PW)	203 Broad Meadow Drive	Parkesburg	19365	Residential	Public Water	240866378	981.60	46,000.00	0.0135	621.00	360.00		981.60	1.00	126.03	
378	445	McCombs, Earl & Barbara (PW)	18 Spaulding Avenue	Coatesville	19320	Residential	Public Water	240619538	910.90	39,400.00	0.0135	450.90	360.00		910.90	1.00	81.31	
379	446	McCook, Jonathan A. (PW)	12 Beverede Avenue	Coatesville	19320	Residential	Public Water	240818629	454.20	7,000.00	0.0135	94.20	360.00		454.20	1.00	18.18	
380	447	McCombs, Carole (PW)	107 Fox Trail	Parkesburg	19365	Residential	Public Water	240866129	858.50	37,000.00	0.0135	498.50	360.00		858.50	1.00	103.37	
381	448	McFadden, Andrew L. (PW)	53 Real Street	Coatesville	19320	Residential	Public Water	240893886	832.50	38,000.00	0.0135	472.40	360.00		832.50	1.00	95.89	
382	449	MCFALLS, TIMOTHY (PW)	204 Flagstone Circle	Coatesville	19320	Residential	Public Water	824072699	913.30	41,000.00	0.0135	553.50	360.00		913.30	1.00	112.33	
383	450	McGowan, Brian (PW)	4 Huffman Avenue	Coatesville	19320	Residential	Public Water	240865448	870.50	23,000.00	0.0135	310.50	360.00		870.50	1.00	53.01	
384	451	McGraw, Donald B. (PW)	301 Flagstone Circle	Coatesville	19320	Residential	Public Water	824084784	2,060.15	119,600.00	0.0135	1,374.10	360.00		2,060.15	1.00	316.65	
385	452	McGowan, David E. (PW)	1811 Valley Road, PO Box 206	Pomeroy	19367	Residential	Public Water	240819500	466.40	9,900.00	0.0135	133.45	360.00	24.75	489.40	1.00	25.85 Last usage 8/21/2018	
386	453	McGowan, Mac (PW)	1833 Valley Road	Parkesburg	19365	Residential	Public Water	240819500	1,281.10	14,800.00	0.0135	201.15	1,080.00		1,281.10	5.00	47.82	
387	454	McGraw, Ryan (PW)	18 Middle Street, PO Box 243	Coatesville	19320	Residential	Public Water	240818473	578.95	16,000.00	0.0135	218.45	360.00		578.95	1.00	43.84	
388	455	McLaughlin, Matthew J. (PW)	45 Market Lane	Coatesville	19320	Residential	Public Water	824074682	867.40	37,800.00	0.0135	507.60	360.00		867.40	1.00	103.01	
389	456	McLaughlin, Rebecca (PW)	508 Broad Meadow Drive	Parkesburg	19365	Residential	Public Water	9240868755	708.00	28,000.00	0.0135	378.25	330.00		708.00	1.00	83.65 Usage Starts 1/11/2015	
390	457	McMinn, Donald E, Jr. (PW)	11 North Street, PO Box 43	Pomeroy	19365	Residential	Public Water	240734656	400.95	4,700.00	0.0135	130.85	360.00		400.95	1.00	26.56	
391	458	McMinn, Kevin (PW)	305 Fox Trail	Parkesburg	19365	Residential	Public Water	240684407	751.50	29,000.00	0.0135	391.50	360.00		751.50	1.00	75.46	
392	459	McNary, Robert (PW)	503 Broad Meadow Drive	Parkesburg	19365	Residential	Public Water	240866378	1,046.50	51,000.00	0.0135	688.50	360.00		1,046.50	1.00	138.73	
393	460	McNabb, John C. B. (PW)	107 Fox Trail	Parkesburg	19													

438	473 Miller, Chester	33 Spruce Street	Pomeroy	19387	Residential	Public Water	240681048	758.50	29,803.00	0.0135	399.80	360.00	759.00	1.00	61.10
437	474 Miller, Chester A. (PW)	32 Washington Lane	Covington	19320	Residential	Public Water	240659487	870.00	38,000.00	0.0136	573.00	360.00	873.00	1.00	104.11
438	475 Miller, Chester A. Jr. (PW)	46 Washington Lane	Covington	19320	Residential	Public Water	240674748	828.45	34,700.00	0.0136	458.45	360.00	828.45	1.00	66.37
439	476 Miller, Duane & Janna (PW)	108 Julie Drive	Parisburg	19385	Residential	Public Water	240682038	843.00	35,800.00	0.0135	483.00	360.00	843.00	1.00	98.59
440	477 Miller, Jessica (PW)	301 Etowah Meadow Drive	Parisburg	19385	Residential	Public Water	240680943	480.00		0.0135			480.00	1.00	*
441	478 Miller, Susan (PW)	204 Julie Drive	Parisburg	19385	Residential	Public Water	240680185	1,754.95	33,300.00	0.0136	1,994.55	360.00	1,754.56	1.00	283.07
442	479 Mirada, Brianna (PW)	21 Meen Street, PO Box 242	Pomeroy	19387	Residential	Public Water	240811848	945.00	43,400.00	0.0135	585.00	360.00	945.00	1.00	118.90
443	480 Mitchell, Jeffrey	47 Washington Lane	Covington	19320	Residential	Public Water	240723204	927.00	12,000.00	0.0135	587.00	360.00	927.00	1.00	115.07
444	481 Mitchell, Karl O. (PW)	1214 Wynne Lane	Covington	19320	Residential	Public Water	240745523	1,528.00	33,000.00	0.0136	1,109.00	360.00	1,528.00	1.00	228.71
445	482 Monahan, Christina (PW)	309 Flagstone Circle	Covington	19320	Residential	Public Water	240687485	2,047.50	125,000.00	0.0135	1,887.50	360.00	2,047.50	1.00	342.47
446	483 Moore, Gregory & Tamah (PW)	112 Stone Ridge Road	Covington	19320	Residential	Public Water	240616555	1,199.70	47,200.00	0.0135	838.70	360.00	1,199.70	1.00	170.47
447	484 Morales, Melissa (PW)	118 N. Harner Blvd	Covington	19326	Residential	Public Water	240647983	1,442.70	30,200.00	0.0135	1,082.70	360.00	1,442.70	1.00	219.70
448	485 Moreno, Samuel (PW)	303 Flagstone Circle	Covington	19320	Residential	Public Water	240681052	1,035.00	50,000.00	0.0136	675.00	360.00	1,035.00	1.00	138.89
449	486 Morgan, Todd & Kelly (PW)	2924 Lincoln Highway, PO Box 198	Saxburyville	19389	Residential	Public Water	240687383	625.95	16,700.00	0.0136	265.95	360.00	625.95	1.00	51.97
450	487 Morgan, Todd Apt (2811) (PW)	2801 Lincoln Hwy Apt	Saxburyville	19389	Residential	Public Water	240747848	918.90	41,400.00	0.0136	558.90	360.00	918.90	1.00	113.42
451	488 Morgan, Todd House (PW)	2618 Lincoln Hwy	Saxburyville	19389	Residential	Public Water	240711432	717.75	33,000.00	0.0136	482.15	360.00	717.75	1.00	72.60
452	489 Morris, Katherine E (PW)	287 Fox Trail	Parisburg	19385	Residential	Public Water	240682354	355.85	17,100.00	0.0135	638.85	360.00	355.85	1.00	129.04
453	490 Morris, Susan (PW)	8 Fabel Street	Covington	19320	Residential	Public Water	240700866	854.00	44,000.00	0.0135	594.00	360.00	854.00	1.00	120.55
454	491 Moxer, Judith pw	57 Reed Street	Covington	19320	Residential	Public Water	240686464	873.00	36,000.00	0.0136	513.00	360.00	873.00	1.00	124.11
455	492 Myers, Lewis & Susan (PW)	27 Washington Lane	Covington	19320	Residential	Public Water	240686473	1,088.00	54,000.00	0.0135	728.00	360.00	1,088.00	1.00	147.95
456	493 Napaver, Kenneth (PW)	504 Broad Meadow Drive	Parisburg	19385	Residential	Public Water	240688734	1,521.50	49,000.00	0.0135	881.50	360.00	1,521.50	1.00	134.26
457	494 Nave, Catalina	211 Fox Trail	Parisburg	19385	Residential	Public Water	240688734	549.00	17,000.00	0.0135	229.50	360.00	549.00	1.00	46.58
458	495 Neebze, David A. (PW)	122 Autumn Trail	Covington	19320	Residential	Public Water	240616557	1,125.15	37,000.00	0.0136	822.15	360.00	1,125.15	1.00	166.85
459	496 Newman, Craig (PW)	610 Bedford Road	Covington	19320	Residential	Public Water	240673008	1,065.82	59,800.00	0.0138	723.80	360.00	1,065.82	1.00	148.85
460	497 Ng, Yee (PW)	119 Autumn Trail	Covington	19320	Residential	Public Water	240616550	1,754.40	80,400.00	0.0136	815.40	360.00	1,754.40	1.00	164.48
461	498 Nguyen, Jacqueline (PW)	310 Flagstone Circle	Covington	19320	Residential	Public Water	240682346	751.84	26,000.00	0.0135	391.50	360.00	751.84	1.00	79.45
462	499 Nguyen, Lanah (PW)	33 Wick Drive	Parisburg	19385	Residential	Public Water	240711382	1,615.00	33,000.00	0.0135	1,255.50	360.00	1,615.00	1.00	254.75
463	500 Nguyen, Linh & Thy (PW)	411 Broad Meadow Drive	Parisburg	19385	Residential	Public Water	240691314	1,225.70	34,200.00	0.0136	388.70	360.00	1,225.70	1.00	175.96
464	501 Nichol, Randy & Nicha (PW)	812 Bedford Road	Covington	19320	Residential	Public Water	240687046	2,252.39	11,000.00	0.0136		16.00	2,252.39	1.00	179.42
465	502 Nita, Dina (PW)	603 Bedford Road	Covington	19320	Residential	Public Water	240616557	1,516.85	34,700.00	0.0135	855.35	360.00	1,516.85	1.00	179.86
466	503 Norman, Yvonne (PW)	17 Heben Street, PO Box 191	Pomeroy	19387	Residential	Public Water	240811848	827.00	19,800.00	0.0135	267.00	360.00	827.00	1.00	54.26
467	504 O'Brien, James J. & Jeanette O'Brien (PW)	108 Broad Meadow Drive	Parisburg	19385	Residential	Public Water	240686180	1,372.50	75,000.00	0.0136	1,012.50	360.00	1,372.50	1.00	205.48
468	505 O'Brien, Patrick (PW)	100 Colonial Court	Covington	19326	Residential	Public Water	240686935	589.50	17,000.00	0.0135	226.60	360.00	589.50	1.00	48.68
469	506 O'Brien, Timothy J. (PW)	110 Bridal Path Lane	Covington	19320	Residential	Public Water	240742335	1,517.45	18,700.00	0.0135	857.45	360.00	1,517.45	1.00	134.42
470	507 O'Donnell, Sean (PW)	607 Bedford Road	Covington	19320	Residential	Public Water	240686977	648.00	18,000.00	0.0135	236.50	360.00	648.00	1.00	52.09
471	508 O'Hara, Patrick & Suzanne (PW)	314 Pebble Lane	Covington	19320	Residential	Public Water	240616557	1,516.85	34,700.00	0.0135	1,156.85	360.00	1,516.85	1.00	234.75
472	509 O'Leary, Rachel (PW)	117 South Harner Boulevard	Covington	19320	Residential	Public Water	240674507	742.05	28,200.00	0.0135	582.05	360.00	742.05	1.00	77.53
473	510 O'Rourke, Joseph & Patricia (PW)	118 Autumn Trail	Covington	19320	Residential	Public Water	240616550	932.40	42,400.00	0.0135	572.40	360.00	932.40	1.00	118.84
474	511 Orban, Matthew (PW)	219 Flagstone Circle	Covington	19320	Residential	Public Water	240687843	1,222.65	30,800.00	0.0135	882.66	360.00	1,222.65	1.00	175.07
475	512 Oster, Hector (PW)	306 Flagstone Circle	Covington	19320	Residential	Public Water	240686943	1,284.50	19,000.00	0.0135	504.50	360.00	1,284.50	1.00	161.58
476	513 Ows, Matthew A. (PW)	21 Lincoln Avenue	Covington	19320	Residential	Public Water	240686940	1,082.00	32,000.00	0.0135	722.00	360.00	1,082.00	1.00	142.47
477	514 Palala, Jason (PW)	59 Washington Lane	Covington	19320	Residential	Public Water	240685478	954.00	14,000.00	0.0135	584.00	360.00	954.00	1.00	122.33
478	515 Palmer, Bruce (PW)	21 Behaviors Avenue	Covington	19320	Residential	Public Water	240681950	825.00	19,700.00	0.0135	268.98	360.00	825.00	1.00	53.97
479	516 Parrator, James V. (PW)	739 Fox Trail	Parisburg	19385	Residential	Public Water	240682650	879.00	38,000.00	0.0135	613.00	360.00	879.00	1.00	104.71
480	517 Pausen, Conza (PW)	426 Green Hill Road	Parisburg	19385	Residential	Public Water	240682650	738.00	29,000.00	0.0135	378.00	360.00	738.00	1.00	79.60
481	518 Payne, Christopher (PW)	315 Flagstone Circle	Covington	19320	Residential	Public Water	240687480	903.00	49,000.00	0.0135	340.00	360.00	903.00	1.00	109.54
482	519 Pepple, Eleanor (PW)	816 Bedford Road	Covington	19320	Residential	Public Water	240827460	859.15	36,000.00	0.0135	498.15	360.00	859.15	1.00	101.10
483	520 Perri, Michael J. (PW)	23 Spaulding Avenue, PO Box 66	Saxburyville	19389	Residential	Public Water	240811943	600.00	18,100.00	0.0135	257.85	360.00	600.00	1.00	50.34
484	521 Pezy, Lawrence (PW)	21 Wick Drive	Parisburg	19385	Residential	Public Water	240711382	622.80	35,000.00	0.0136	472.50	360.00	622.80	1.00	95.89
485	522 Pezy, Robert (PW)	17 Eastern Avenue	Covington	19320	Residential	Public Water	240682350	280.75	12,500.00	0.0135	410.40	360.00	280.75	1.00	85.29
486	523 Pezy, James & Kasia (PW)	707 Forest Drive	Covington	19320	Residential	Public Water	240682350	626.95	19,700.00	0.0135	268.95	360.00	626.95	1.00	51.97
487	524 Peropoulos, Frank (PW)	2937 Lincoln Hwy	Saxburyville	19389	Residential	Public Water	240721471	1,197.00	42,000.00	0.0136	837.00	360.00	1,197.00	1.00	188.86
488	525 Peropoulos, Frank 2937 APT 4 (PW)	2937 Lincoln Hwy	Saxburyville	19389	Residential	Public Water	240721470	567.10	14,800.00	0.0135	197.10	360.00	567.10	1.00	40.00
489	526 Peropoulos, Frank 2937 APT 5 (PW)	2939 Lincoln Hwy	Saxburyville	19389	Residential	Public Water	240721473	685.75	22,500.00	0.0136	253.75	360.00	685.75	1.00	87.64
490	527 Peropoulos, Frank 2939 APT 2 (PW)	2939 Lincoln Hwy	Saxburyville	19389	Residential	Public Water	240721472	543.60	13,800.00	0.0136	183.80	360.00	543.60	1.00	37.26
491	528 Peropoulos, Frank 2939 APT 3 (PW)	2941 Lincoln Hwy	Saxburyville	19389	Residential	Public Water	240721474	854.40	14,400.00	0.0136	324.40	360.00	854.40	1.00	98.45
492	529 Peropoulos, Frank 2939 APT 1 (PW)	2941 Lincoln Hwy	Saxburyville	19389	Residential	Public Water	240710820	408.00	4,000.00	0.0135	306.00	360.00	408.00	1.00	21.92
493	530 Peropoulos, Frank 2841 APT 1 (PW)	2841 Lincoln Hwy	Saxburyville	19389	Residential	Public Water	240712542	697.50	26,000.00	0.0135	337.50	360.00	697.50	1.00	60.49
494	531 Peropoulos, Frank 2841 APT 2 (PW)	2841 Lincoln Hwy	Saxburyville	19389	Residential	Public Water	240712542	697.50	26,000.00	0.0135	337.50	360.00	697.50	1.00	60.49
495	532 Phillips, Ronald D. Jr	96 Helen Street	Pomeroy	19387	Residential	Public Water	240919447	1,082.56	11,300.00	0.0135	682.55	360.00	1,082.56	1.00	140.58
496	533 Pica, Anthony T. J. (PW)	122 North Harner Blvd	Covington	19320	Residential	Public Water	240674589	1,076.50	24,000.00	0.0135	715.50	360.00	1,076.50	1.00	143.21
497	534 Pica, Anthony (PW)	71 Washington Lane	Covington	19320	Residential	Public Water	240695481	589.50	17,000.00	0.0135	229.50	360.00	589.50	1.00	46.58
498	535 Popat, Anand M. (PW)	108 Broad Meadow Drive	Parisburg	19385	Residential	Public Water	240688007	785.00	19,000.00	0.0136	485.00	360.00	785.00	1.00	92.79
499	536 Popovich, Frank (PW)	102 Stone Ridge Road	Covington	19320	Residential	Public Water	240681953	1,150.20	17,500.00	0.0135	630.20	360.00	1,150.20	1.00	168.49
500	537 Power, Bruce (PW)	16646 Helen Street	Parisburg	19385	Residential	Public Water	240618472	1,800.00	35,700.00	0.0135	1,290.00	360.00	1,800.00	1.00	78.15
501	538 Power, George	117 E. Jane Drive	Parisburg	19385	Residential	Public Water	2406878907	605.00	33,000.00	0.0135	445.38	360.00	605.00	1.00	80.41
502	539 Quisenberry, Nathaniel (PW)	108 Broad Meadow Drive	Parisburg	19385	Residential	Public Water	240688006	1,680.00	220,000.00	0.0135	1,820.00	360.00	1,680.00	1.00	328.77
503	540 Ray, Yun S. (PW)	410 Flagstone Circle	Covington	19320	Residential	Public Water	2406881049	859.50	17,200.00	0.0135	499.50	360.00	859.50	1.00	101.07
504	541 Raby, Jeffrey S. (PW)	903 Green Hill Road	Parisburg	19385	Residential	Public Water	240688048	819.50	19,200.00	0.0136	256.50	360.00	819.50	1.00	52.05
505	542 Raftas, Dana M. (PW)	515 Fox Trail	Parisburg	19385	Residential	Public Water	240688789	854.10	36,800.00	0.0136	434.10	360.00	854.10	1.00	100.27
506	543 Ramen, Victor G. (PW)	500 Boyce Street	Covington	19320	Residential	Public Water	240688853	889.70	24,200.0						

519	556 Reel, Roma E Washington LA pw	3 Washington Lane	Castroville	16320	Residential	Public Water	243694336	843.20	43,200.00	0.0133	883.20	380.00	843.20	1.00	118.36	
518	558 Reeves, Robert (PW)	138 Autumn Trail	Castroville	16222	Residential	Public Water	242818544	739.75	42,500.00	0.0135	438.75	380.00	788.75	1.00	89.04	
517	559 Rogers, Madeline A (PW)	4 Wick Drive	Parkesburg	19025	Residential	Public Water	240759303	1,022.00	52,000.00	0.0135	702.00	380.00	1,082.00	1.00	142.47	
516	560 Rogers, James (PW)	101 Stone Ridge Road	Castroville	16300	Residential	Public Water	240181354	1,071.45	52,700.00	0.0136	717.45	380.00	1,071.45	1.00	144.58	
515	561 Rossat, Grant & Christine (PW)	212 Flagstone Circle	Castroville	16300	Residential	Public Water	240922399	1,222.45	64,700.00	0.0135	873.45	380.00	1,222.45	1.00	177.26	
520	553 Reynolds, Crissy (PW)	103 Julio Drive	Parkesburg	19320	Residential	Public Water	240498258	578.45	22,700.00	0.0135	385.45	270.00	1,203.45	1.00	177.26	
521	558 Rice, Diane (PW)	1624 Valley Road, PO Box 2	Fremont	19367	Residential	Public Water	240518517	850.05	36,500.00	0.0134	490.05	380.00	1,340.05	1.00	83.16	
522	556 Rice, James (PW)	1917 Valley Road, PO Box 254	Fremont	19367	Residential	Public Water	240518907	658.95	22,100.00	0.0135	288.95	380.00	858.95	1.00	80.56	
523	560 Ridgway, Onstutz (PW)	404 Green H. Road	Parkesburg	19365	Residential	Public Water	240685028	1,032.30	49,600.00	0.0136	872.30	380.00	1,032.30	1.00	135.44	
524	561 Rieger, Danielle	409 Fox Trail	Castroville	16305	Residential	Public Water	2404985038	420.35	34,100.00	0.0135	460.35	380.00	820.35	1.00	83.42	
525	562 Roberts, Rochelle	208 Fox Trail	Parkesburg	19065	Residential	Public Water	240682360	1,170.00	60,500.00	0.0136	810.00	380.00	1,170.00	1.00	164.38	
526	565 Rodney, Gra L. (PW)	1252 Old Wilmington Road PO Box 39	Fremont	19367	Residential	Public Water	240922688	782.30	28,800.00	0.0136	402.30	380.00	782.30	1.00	31.84	
527	564 Rogers, Rosetta (PW)	105 Fox Trail	Parkesburg	19365	Residential	Public Water	240690419	1,075.50	52,100.00	0.0135	715.50	380.00	1,075.50	1.00	145.21	
528	565 Roeder, Thomas (PW)	32 Stone Pipe Hill Road	Castroville	16320	Residential	Public Water	240734925	644.85	21,100.00	0.0135	284.85	380.00	644.85	1.00	57.81	
529	568 Romano, Frank Apt 1 (PW)	1810 Valley Road, PO Box 244	Homeroy	19067	Residential	Public Water	240818978	323.35	12,100.00	0.0135	163.35	380.00	323.35	1.00	39.13	
530	567 Romano, Frank house pw	1919 Valley Road	Parkesburg	19366	Residential	Public Water	240818938	360.00	0	0.0135	0	380.00	360.00	1.00	0	
531	568 Ronca Butlers (PW)	25 Spruce Street	Homeroy	19387	Residential	Public Water	240618454	1,225.55	49,300.00	0.0136	865.55	380.00	1,225.55	1.00	185.07	
532	569 Roncy, Ronald (PW)	15 Helen Street PO Box 228	Fremont	19367	Residential	Public Water	240618487	552.35	43,900.00	0.0135	922.35	380.00	922.35	1.00	120.27	
533	570 Roscher, Thomas R (PW)	1283 Wilson Lane	Castroville	16320	Residential	Public Water	240749675	1,032.00	54,300.00	0.0135	788.00	380.00	1,032.00	1.00	148.77	
534	571 Rudolfski, Mawson (PW)	62 Union Avenue	Castroville	16202	Residential	Public Water	240288452	670.50	23,000.00	0.0138	910.50	380.00	670.50	1.00	62.01	
535	572 Rudy, Veronica & Barbara (PW)	1295 Old Wilmington Road PO Box 182	Homeroy	19367	Residential	Public Water	240671263	1,024.20	49,200.00	0.0135	684.20	380.00	1,024.20	1.00	134.79	
536	573 Rubinart, Verla (PW)	106 Autumn Trail	Castroville	16320	Residential	Public Water	240618839	785.25	31,500.00	0.0135	425.25	380.00	785.25	1.00	88.30	
537	574 Rummio, Robert S (PW)	806 Gabriel Court	Castroville	16320	Residential	Public Water	240681284	1,118.00	56,000.00	0.0135	768.00	380.00	1,118.00	1.00	164.42	
538	575 Russo, Rebecca	36 On Lane	Castroville	16305	Residential	Public Water	240749422	280.35	14,100.00	0.0135	160.35	30.00	280.35	1.00	53.26	
539	576 Russo, B A (PW)	41 Maple Lane	Castroville	16320	Residential	Public Water	240682688	879.75	38,500.00	0.0135	519.75	380.00	879.75	1.00	105.48	
540	577 Rutz, Veronica & Leonida (PW)	400 Flagstone Circle	Castroville	16320	Residential	Public Water	240678253	701.55	29,300.00	0.0135	341.55	380.00	701.55	1.00	69.22	
541	578 Ryan, Virginia (PW)	710 Forest Drive	Castroville	16320	Residential	Public Water	240822684	567.80	45,000.00	0.0135	607.80	380.00	567.80	1.00	123.83	
542	579 Saba, Frank (PW)	702 Forest Drive	Castroville	16320	Residential	Public Water	240632583	601.45	27,700.00	0.0135	441.45	380.00	601.45	1.00	89.59	
543	580 Sadowski, Michael T. (PW)	128 Autumn Trail	Castroville	16320	Residential	Public Water	240818535	1,684.01	83,100.00	0.0135	475.85	380.00	25.00	1,684.01	1.00	130.20
544	581 Sadowski, Alan (PW)	20 Wick Drive	Humboldt	19055	Residential	Public Water	240700042	1,395.56	77,000.00	0.0135	1,039.50	380.00	1,395.56	1.00	214.96	
545	582 Sainville, Elizabeth (PW)	5 Reed Street	Castroville	16320	Residential	Public Water	240693455	1,305.30	70,000.00	0.0133	945.00	380.00	1,305.30	1.00	181.75	
546	583 Sakaguchi, John (PW)	205 Green Hill Road	Parkesburg	19365	Residential	Public Water	240771334	1,055.25	51,500.00	0.0135	894.25	380.00	1,055.25	1.00	141.19	
547	584 Sambaun, Timothy (PW)	131 Fox Trail	Castroville	16305	Residential	Public Water	240880422	894.60	29,800.00	0.0135	534.60	380.00	894.60	1.00	106.45	
548	585 Sasse, Ryan (PW)	212 Trigo Avenue	Castroville	16320	Residential	Public Water	240749478	848.78	38,200.00	0.0135	488.70	380.00	848.78	1.00	99.15	
549	586 Serra, Nicole (PW)	303 Fox Trail	Homeroy	19365	Residential	Public Water	240882978	603.00	23,000.00	0.0135	310.50	380.00	603.00	1.00	83.01	
550	587 Schaefer, Susan (PW)	108 Fox Trail	Parkesburg	19365	Residential	Public Water	240880309	603.00	18,000.00	0.0139	348.00	380.00	603.00	1.00	49.32	
551	588 Schaefer, Russell Apt (PW)	2960 Lincoln Hwy	Saskatoonville	19369	Residential	Public Water	240873100	387.00	2,000.00	0.0135	27.00	380.00	387.00	1.00	5.48	
552	589 Schenker, Wayne & Patricia (PW)	16 Reed Street	Castroville	16320	Residential	Public Water	240693489	1,075.50	53,000.00	0.0138	715.00	380.00	1,075.50	1.00	145.21	
553	590 Schimma, Laurie (PW)	38 Linden Avenue	Castroville	16320	Residential	Public Water	240693489	961.00	45,000.00	0.0135	621.00	380.00	961.00	1.00	122.03	
554	591 Schmitt, William (PW)	184 Broad Meadow Drive	Parkesburg	19365	Residential	Public Water	240693489	897.80	29,000.00	0.0135	487.80	380.00	897.80	1.00	67.49	
555	592 Schreiner, Rebecca A. (PW)	31 Kincaid Lane	Castroville	16320	Residential	Public Water	240674942	543.60	13,500.00	0.0138	183.60	380.00	543.60	1.00	27.26	
556	593 Schriber, Harry & Maria (PW)	806 Beckwith Road	Castroville	16320	Residential	Public Water	240627681	2,536.30	161,400.00	0.0135	2,176.60	380.00	2,536.30	1.00	442.19	
557	594 Schullbaw, Anthony (PW)	114 Autumn Trail	Castroville	16320	Residential	Public Water	240818641	1,024.20	49,200.00	0.0135	804.20	380.00	1,024.20	1.00	134.76	
558	595 Schurz, Eric (PW)	408 Fox Trail	Parkesburg	19365	Residential	Public Water	240881280	117.00	5,000.00	0.0136	27.00	30.00	117.00	1.00	21.74	
559	596 Schweitzer, Ryan & Karen (PW)	410 Greenhill Road	Parkesburg	19365	Residential	Public Water	240881029	864.30	45,000.00	0.0135	607.50	270.00	864.30	1.00	173.08	
560	597 Seaman, William (PW)	508 Fox Trail	Parkesburg	19365	Residential	Public Water	240682978	1,183.30	54,000.00	0.0135	499.00	380.00	99.30	1,183.30	1.00	62.16
561	598 Seay, Richard (PW)	709 Fox Trail	Parkesburg	19365	Residential	Public Water	240882855	635.46	28,000.00	0.0135	270.00	380.00	635.46	1.00	54.75	
562	599 Seay, Timothy (PW)	24 Chestnut St., PO Box 254	Homeroy	19367	Residential	Public Water	240736249	1,251.00	68,000.00	0.0135	811.00	380.00	1,251.00	1.00	180.02	
563	600 Seay, Carolee (PW)	407 Broad Meadow Drive	Parkesburg	19365	Residential	Public Water	240693138	859.50	37,000.00	0.0139	499.50	380.00	859.50	1.00	101.57	
564	601 Seel, Joseph (PW)	168 Stone Ridge Road	Castroville	16320	Residential	Public Water	240818539	1,023.90	71,400.00	0.0135	643.90	380.00	1,023.90	1.00	139.82	
565	602 Selez, Doris Apt 1	699 North Street, PO Box 67	Homeroy	19367	Residential	Public Water	240736474	2,092.50	75,000.00	0.0135	1,012.50	380.00	2,092.50	1.00	265.48	
566	603 Semler, Michael (PW)	130 Autumn Trail	Castroville	16320	Residential	Public Water	240618535	1,226.70	64,200.00	0.0135	866.70	380.00	1,226.70	1.00	175.88	
567	604 Semick, Marlene L. (PW)	501 Fox Trail	Castroville	16320	Residential	Public Water	240682978	1,413.00	76,000.00	0.0135	1,053.00	380.00	1,413.00	1.00	218.77	
568	605 Semple, David (PW)	-10 Broad Meadow Drive	Parkesburg	19365	Residential	Public Water	240882900	697.40	28,000.00	0.0135	337.50	380.00	697.40	1.00	80.49	
569	606 Senack, John & Jacqueline (PW)	2928 Lincoln Highway, PO Box 307	Saskatoonville	19369	Residential	Public Water	240676985	983.70	48,200.00	0.0138	623.70	380.00	983.70	1.00	126.54	
570	607 Shantz, Phillip J. (PW)	406 Flagstone Circle	Castroville	16320	Residential	Public Water	240686763	574.65	15,500.00	0.0138	214.65	380.00	574.65	1.00	43.55	
571	608 Shaver, Katherine (PW)	113 Midland Dr.	Castroville	16320	Residential	Public Water	240864848	517.85	11,700.00	0.0135	157.85	380.00	517.85	1.00	32.05	
572	609 Shaver, Wade R. II (PW)	308 Broad Meadow Drive	Castroville	16305	Residential	Public Water	240689648	732.00	22,000.00	0.0135	432.00	380.00	732.00	1.00	87.87	
573	610 Shay, Timothy & Veronica (PW)	41 Wick Drive	Parkesburg	19365	Residential	Public Water	240708222	1,291.50	65,000.00	0.0138	877.60	380.00	1,291.50	1.00	178.08	
574	611 Shellen, Stephen E. (PW)	302 Trigo Avenue	Castroville	16320	Residential	Public Water	240736249	1,263.45	66,000.00	0.0135	833.75	380.00	1,263.45	1.00	183.29	
575	612 Sherrill, Rick & Sherry Wang (PW)	2 Smith Farm Drive	Parkesburg	19365	Residential	Public Water	240749422	427.80	25,000.00	0.0135	237.50	380.00	427.80	1.00	60.49	
576	613 Sherrick, Christine (PW)	701 Forest Drive	Castroville	16320	Residential	Public Water	240822684	1,035.05	56,300.00	0.0135	675.05	380.00	1,035.05	1.00	137.81	
577	614 Sherry, Lori (PW)	505 Pebble Lane	Castroville	16320	Residential	Public Water	240978284	744.75	28,500.00	0.0135	384.75	380.00	744.75	1.00	78.08	
578	615 Sherry, Robert & Dana (PW)	507 Pebble Lane	Castroville	16320	Residential	Public Water	240861053	1,012.85	48,000.00	0.0139	652.05	380.00</				

595	630	Stevens, James & Katherine (PW)	19 Washington Lane	Cootesville	19320	Residential	Public Water	240655472	724.50	27,003.00	0.0159	384.50	350.00	724.50	1.00	73.97
596	581	SP Lot 118 Trago Ave	259 Trago Ave	Cootesville	19329	Residential	Public Water		50.00		0.0135		50.00	50.00	1.00	
597	632	SP Lot 121 405 Anderson St	325 Trago Ave	Cootesville	19329	Residential	Public Water		66.00		0.0135		66.00	66.00	1.00	
598	633	SP Lot 122 415 Anderson St	408 Anderson	Cootesville	19323	Residential	Public Water		60.00		0.0135		60.00	60.00	1.00	
599	634	SP Lot 142 415 Anderson St	415 Anderson St	Cootesville	19329	Residential	Public Water		50.00		0.0135		50.00	50.00	1.00	
600	635	SP Lot 433 38 Marlett Ln	38 Marlett Ln	Cootesville	19329	Residential	Public Water		50.00		0.0135		50.00	50.00	1.00	
601	636	SP Lot 434 38 Marlett Ln	38 Marlett Ln	Cootesville	19329	Residential	Public Water		50.00		0.0135		50.00	50.00	1.00	
602	637	SP Lot 435 40 Marlett Ln	40 Marlett Ln	Cootesville	19329	Residential	Public Water		50.00		0.0135		50.00	50.00	1.00	
603	638	SP Lot 436 40 Marlett Ln	42 Marlett Ln	Cootesville	19329	Residential	Public Water		50.00		0.0135		50.00	50.00	1.00	
604	639	SP Lot 437 40 Marlett Ln	44 Marlett Ln	Cootesville	19329	Residential	Public Water		50.00		0.0135		50.00	50.00	1.00	
605	640	SP Lot 438 40 Marlett Ln	46 Marlett Ln	Cootesville	19329	Residential	Public Water		50.00		0.0135		50.00	50.00	1.00	
606	641	SP Lot 439 40 Marlett Ln	48 Marlett Ln	Cootesville	19329	Residential	Public Water		50.00		0.0135		50.00	50.00	1.00	
607	642	SP Lot 440 40 Marlett Ln	504 Pebble Lane	Cootesville	19329	Residential	Public Water	240676688	1,017.45	-8,700.00	0.0135	897.45	360.00	1,017.45	1.00	133.42
608	643	SP Lot 441 40 Marlett Ln	610 North Culvert St	Parkeersburg	19385	Residential	Public Water	240689988	987.75	-4,300.00	0.0135	627.75	360.00	987.75	1.00	127.44
609	644	STADLEMEYER JOSEPH (PW)	917 Columbia Ct	Cootesville	19320	Residential	Public Water	240687488	802.66	29,900.00	0.0135	538.55	284.00	802.66	1.00	148.44
610	645	REARDON MAUREEN (PW)	314 Flagstone Circle	Cootesville	19329	Residential	Public Water	240683249	549.00	14,006.00	0.0135	188.00	360.00	549.00	1.00	38.36
611	646	Stanley, Greg (PW)	314 North Culvert St	Parkeersburg	19385	Residential	Public Water	240682280	130.20	5,208.00	0.0135	73.20	360.00	130.20	1.00	85.26
612	647	Stanley, Gregory A (PW)	201 Broad Meadow Drive	Parkeersburg	19385	Residential	Public Water	240682280	276.00	28,000.00	0.0135	376.00	350.00	276.00	1.00	78.71
613	648	Stallan, Thomas W (PW)	135 S. Harris Blvd	Cootesville	19320	Residential	Public Water	240749849	929.00	-42,230.00	0.0135	589.00	380.00	929.00	1.00	118.73
614	649	Stear, Howard (PW)	29 Spaulding Avenue	Pomeroy	19347	Residential	Public Water	240618442	1,065.75	24,538.00	0.0135	755.75	300.00	1,065.75	1.00	148.52
615	650	Stewart, Susan	17 Redfield Court	Hamington	21226	Residential	Public Water	240743864	1,286.00	48,816.00	0.0135	876.00	360.00	1,286.00	1.00	187.85
616	651	Stewart Brian C (PW)	116 N. Harper Blvd	Cootesville	19320	Residential	Public Water		835.00	-42,800.00	0.0135	575.00	380.00	835.00	1.00	116.71
617	652	Stewart, Michael W (PW)	5 Smith Farm Drive	Parkeersburg	19385	Residential	Public Water	240709045	531.00	20,300.00	0.0135	274.00	257.00	531.00	1.00	78.00
618	653	Stocker, Emmanuel (PW)	403 Flagstone Circle	Cootesville	19329	Residential	Public Water	240675287	2,382.40	49,406.00	0.0135	2,182.40	360.00	2,382.40	1.00	414.83
619	654	Stones, Michael & Karen (PW)	113 Julia Drive	Parkeersburg	19385	Residential	Public Water	240877956	1,068.50	-42,108.00	0.0135	703.50	365.00	1,068.50	1.00	142.74
620	655	Stuber, Lisa (PW)	84 Washington Lane	Cootesville	19320	Residential	Public Water	240659456	949.66	-43,700.00	0.0135	589.66	320.00	949.66	1.00	118.73
621	656	Stuber, James (PW)	203 Flagstone Circle	Cootesville	19329	Residential	Public Water	240691800	571.95	-5,700.00	0.0135	211.85	260.00	571.95	1.00	43.01
622	657	Stump, Gerald (PW)	3 Main Street, PO Box 182	Pomeroy	19347	Residential	Public Water	240614511	747.45	-28,790.00	0.0135	387.45	350.00	747.45	1.00	70.83
623	658	Sturton, Diane (PW)	354 Orion Hill Road	Parkeersburg	19385	Residential	Public Water	240676858	1,409.00	50,300.00	0.0135	708.00	360.00	1,409.00	1.00	143.29
624	659	Swift, Patricia (PW)	502 Greenhill Road	Parkeersburg	19385	Residential	Public Water	240674822	927.00	-42,000.00	0.0135	567.00	340.00	927.00	1.00	115.07
625	660	Swing, Keith & Elizabeth (PW)	7 Smith Farm Drive	Parkeersburg	19385	Residential	Public Water	240777146	327.00	-42,000.00	0.0135	367.00	350.00	327.00	1.00	115.07
626	661	Swisher, Henry (PW)	21 Spruce Street, PO Box 2	Pomeroy	19347	Residential	Public Water	240814548	490.50	19,000.00	0.0135	310.00	350.00	490.50	1.00	63.61
627	662	Swisher, Henry (PW)	42 Washington Lane	Cootesville	19320	Residential	Public Water	240659478	1,521.00	48,000.00	0.0135	1,161.00	340.00	1,521.00	1.00	203.61
628	663	Taggart, Michael (PW)	417 Anderson Street	Cootesville	19320	Residential	Public Water	240654927	774.45	34,700.00	0.0135	414.45	360.00	774.45	1.00	84.11
629	664	Taylor, Elizabeth (PW)	151 S. Harper Blvd.	Cootesville	19320	Residential	Public Water	240743485	638.00	20,600.00	0.0135	279.00	360.00	638.00	1.00	66.64
630	665	Taylor, John (PW)	117 Autumn Trail	Cootesville	19320	Residential	Public Water	240618548	801.45	22,700.00	0.0135	441.45	380.00	801.45	1.00	89.59
631	666	Teare, Timothy A (PW)	811 Fox Trail	Parkeersburg	19385	Residential	Public Water	240891432	1,102.30	59,000.00	0.0135	742.30	360.00	1,102.30	1.00	150.68
632	667	Teer, Robert D (PW)	164 Canal Lane	Cootesville	19320	Residential	Public Water	240739516	1,250.75	54,500.00	0.0135	870.75	365.00	1,250.75	1.00	179.71
633	668	Thomas, Kyle L (PW)	518 Pebble Lane	Cootesville	19320	Residential	Public Water	240687721	1,105.80	55,200.00	0.0135	745.80	380.00	1,105.80	1.00	151.23
634	669	Thomas, Christine (PW)	67 Washington Lane	Cootesville	19320	Residential	Public Water	240659480	938.00	19,000.00	0.0135	243.00	360.00	938.00	1.00	49.32
635	670	Thomas, David (PW)	4 Belvedere Avenue, PO Box 82	Pomeroy	19347	Residential	Public Water	240618226	743.40	28,400.00	0.0135	383.40	380.00	743.40	1.00	77.81
636	671	Thompson, Kevin & Fay	27 Lincoln Avenue	Cootesville	19320	Residential	Public Water	240600804	1,438.86	55,900.00	0.0135	1,078.86	300.00	1,438.86	1.00	219.90
637	672	Thompson, Richard & Tamara	306 Broad Meadows Drive	Parkeersburg	19385	Residential	Public Water	240690842	912.50	5,500.00	0.0135	1,582.50	360.00	912.50	1.00	315.07
638	673	Tolson, Virginia (PW)	803 Timber Drive	Cootesville	19320	Residential	Public Water	240891300	752.00	22,000.00	0.0135	432.00	360.00	752.00	1.00	37.67
639	674	Tornalesky, Tamara L (PW)	108 Cobble Hill Road	Parkeersburg	19385	Residential	Public Water	240877098	879.50	23,000.00	0.0135	310.50	360.00	879.50	1.00	63.21
640	675	Tornalesky, Tamara L (PW)	3 Smith Farm Drive	Parkeersburg	19385	Residential	Public Water	240877098	213.15	8,800.00	0.0135	120.15	300.00	213.15	1.00	66.74
641	676	Tracy, Dennis (PW)	15 North Walker Blvd	Cootesville	19320	Residential	Public Water	240745807	543.80	-3,800.00	0.0135	185.80	360.00	543.80	1.00	151.31
642	677	Trago, Scott W (PW)	15 Spruce Street	Pomeroy	19347	Residential	Public Water	240819408	589.00		0.0135	360.00		589.00	1.00	
643	678	Traner, Christopher (PW)	705 Foster Drive	Cootesville	19320	Residential	Public Water	240827988	1,121.40	56,400.00	0.0135	761.40	360.00	1,121.40	1.00	154.52
644	679	Tran, Peter & Christine (PW)	17 Spruce Street	Parkeersburg	19385	Residential	Public Water	240819881	773.00	40,800.00	0.0135	413.00	360.00	773.00	1.00	83.84
645	680	Tran, Peter & Christine (PW)	1 Valley Drive	Parkeersburg	19385	Residential	Public Water	240703811	783.00	50,000.00	0.0135	493.00	360.00	783.00	1.00	62.19
646	681	Trife, Steven & Lou (PW)	4 Wick Drive	Parkeersburg	19385	Residential	Public Water	240707328	1,215.50	23,000.00	0.0135	850.50	360.00	1,215.50	1.00	172.50
647	682	Trinh, Daniel & Jamie (PW)	28 Spaulding Avenue	Cootesville	19320	Residential	Public Water	240675901	1,053.60	53,800.00	0.0135	725.30	380.00	1,053.60	1.00	146.88
648	683	Trotter, Robert (PW)	10 Main Street, PO Box 112	Sosburyville	19368	Residential	Public Water	240818485	892.50	55,000.00	0.0135	472.50	360.00	892.50	1.00	92.88
649	684	Turell, Lisa & John DeLoatch (PW)	504 Flagstone Circle	Cootesville	19329	Residential	Public Water	240685043	1,278.00	58,000.00	0.0135	472.50	360.00	1,278.00	1.00	188.30
650	685	Tyusaki, Steve (PW)	808 Redrock Road	Cootesville	19320	Residential	Public Water	240878252	624.30	-1,800.00	0.0135	566.30	360.00	624.30	1.00	114.52
651	686	Tyos, H. Joe (PW)	718 Autumn Trail	Cootesville	19320	Residential	Public Water	240818542	1,657.95	56,700.00	0.0135	1,291.95	360.00	1,657.95	1.00	262.19
652	687	Valocchi, Rochelle (PW)	313 Fox Trail	Parkeersburg	19385	Residential	Public Water	240891434	724.50	27,000.00	0.0135	294.50	360.00	724.50	1.00	73.87
653	688	Van Dyke, Donna (PW)	408 Broad Meadow Drive	Parkeersburg	19385	Residential	Public Water	240891313	180.00		0.0135	150.00		180.00	1.00	
654	689	Vander Wiele, Ken (PW)	418 Fox Trail	Parkeersburg	19385	Residential	Public Water	240891289	777.00	77.00	0.0135	351.00	360.00	777.00	1.00	77.23
655	690	Vander Wiele, Ken (PW)	308 Green Hill Road	Parkeersburg	19385	Residential	Public Water	240878883	2,257.20	86,000.00	0.0135	851.00	360.00	2,257.20	1.00	180.82
656	691	Vargas, Jeremy (PW)	137 S. Harper Blvd	Cootesville	19320	Residential	Public Water	240743455	793.65	39,800.00	0.0135	403.65	360.00	793.65	1.00	81.22
657	692	Venafra, Samantha	408 Broad Meadow Drive	Parkeersburg	19385	Residential	Public Water	240891313	453.00	48,000.00	0.0135	243.00	210.00	453.00	1.00	43.22
658	693	Venera, Anthony (PW)	224 Flagstone Circle	Cootesville	19329	Residential	Public Water	240891891	1,156.50	68,000.00	0.0135	798.50	360.00	1,156.50	1.00	161.64
659	694	Vergnese, Argham (PW)	601 Fox Trail	Parkeersburg	19385	Residential	Public Water	240891437	1,116.00	56,000.00	0.0135	756.00	360.00	1,116.00	1.00	152.42
660	695	Viel, Greg (PW)	105 Independence Way	Parkeersburg	19385	Residential	Public Water	240891313	297.00	2,000.00	0.0135	270.00	270.00	297.00	1.00	21.74
661	696	Viviano, Eugene & Stacie (PW)	512 Pecan Lane	Cootesville	19320	Residential	Public Water	240891299	790.00	31,800.00	0.0135	430.95	350.00	790.00	1.00	117.41
662	697	Vogl, Keith (PW)	231 Flagstone Circle	Cootesville	19329	Residential	Public Water	240891413	965.45	44,700.00	0.0135	603.45	350.00	965.45	1.00	122.47
663	698	Wagzak, John (PW)	403 Fox Trail	Parkeersburg	19385	Residential	Public Water	240685035	1,179.50	37,000.00	0.0135	769.50	360.00	1,179.50	1.00	189.18
664	699	Walker, Nancy (PW)	608 Redrock Road	Cootesville	19320	Residential	Public Water	240823094	815.50	41,000.00	0.0135	583.50	360.00	815.50	1.00	112.33
665	700	Walker, Katherine (PW)	804 Timber Drive	Cootesville	19320	Residential	Public Water	240690417	1,224.00	54,000.00	0.0135	864.00	360.00	1,224.00	1.00	1

672	709 Welmore Branch	1215 Wynne Lane	Coatesville	19320	Residential	Public Water 9248745657	724.50	27,000.00	0.0135	364.50	360.00	734.50	1.00	73.87	
673	710 Wheel, Craigm (PW)	71 Lincoln Avenue	Coatesville	19320	Residential	Public Water 240689453	1,264.67	67,000.00	0.0135	904.30	260.00	1,264.30	1.00	123.56	
674	711 White, Richard J. (PW)	106 Fox Trail	Parkeburg	19365	Residential	Public Water 240680973	561.15	14,800.00	0.0135	201.15	260.00	561.15	1.00	40.02	
675	712 Whitehead, Ronnie (PW)	38 Chestnut Street, PO Box 239	Pomeroy	19367	Residential	Public Water 240619476	806.28	33,200.00	0.0135	448.28	360.00	808.20	1.00	30.96	
676	713 Willong, Roy & Klison (PW)	707 Fox Trail	Coatesville	19365	Residential	Public Water 240662532	940.50	42,000.00	0.0135	580.50	360.00	940.50	1.00	117.81	
677	714 Wilton, Melody (PW)	411 Flagstone Circle	Coatesville	19320	Residential	Public Water 240976981	927.00	42,000.00	0.0135	597.00	360.00	927.00	1.00	115.07	
678	715 Williams, Annur (PW)	1243 Old Wilmington Road, PO Box 241	Pomeroy	19367	Residential	Public Water 240818438	728.59	27,300.00	0.0135	368.55	360.00	728.55	1.00	74.29	
679	716 Williams, Darryl & Salera (PW)	21 Wick Drive	Coatesville	19320	Residential	Public Water 243710274	1,116.00	50,000.00	0.0135	756.00	360.00	1,116.00	1.00	153.42	
680	717 Williams, Daniel (PW)	105 Fox Trail	Parkeburg	19365	Residential	Public Water 921069019	1,482.50	79,900.00	0.0135	1,068.50	360.00	36.00	1,482.50	1.00	216.44
681	718 Williams, Jason & Melissa (PW)	418 Flagstone Circle	Coatesville	19320	Residential	Public Water 240616548	1,395.45	76,700.00	0.0135	1,035.45	360.00		1,395.45	1.00	210.14
682	719 Williams, Jennifer, M. (PW)	1210 Wynne Lane	Coatesville	19320	Residential	Public Water 9240745618	750.15	26,900.00	0.0135	390.15	360.00		750.15	1.00	79.10
683	720 Williams, Trevor R. (PW)	312 Green Hill Road	Parkeburg	19365	Residential	Public Water 240578908	1,393.15	76,900.00	0.0135	1,038.15	360.00		1,393.15	1.00	210.68
684	721 Wilkinson, Gerald & Sarah (PW)	104 Autumn Trail	Coatesville	19320	Residential	Public Water 24081654	320.55	19,300.00	0.0135	260.55	360.00		620.55	1.00	52.86
685	722 Wilson, Sandra V. (PW)	401 Broad Meadow Drive	Parkeburg	19365	Residential	Public Water 240691324	34.05	300.00	0.0135	4.05	360.00		90.35	1.00	3.26
686	723 Wilson, Shawna M. (PW)	112 N. Hamer Blvd	Coatesville	19320	Residential	Public Water 240749909	438.25	35,500.00	0.0135	476.25	360.00		834.25	1.00	97.26
687	724 Wimmer, Patrick (PW)	25 Wick Drive	Parkeburg	19365	Residential	Public Water 240780969	1,175.25	50,000.00	0.0135	675.00	360.00	142.00	1,175.25	1.00	158.88
688	725 Wimmer, Gregory C. (PW)	519 Flagstone Circle	Coatesville	19320	Residential	Public Water 924088716	778.50	31,000.00	0.0135	418.50	360.00		778.50	1.00	84.53
689	726 Wulfe, Susan S. Timothy (PW)	28 Reel Street	Coatesville	19320	Residential	Public Water 240696728	658.70	24,200.00	0.0135	326.70	360.00		658.70	1.00	66.30
690	727 Wolfson, Andrew K.	265 Julie Drive	Parkeburg	19360	Residential	Public Water 924067399	760.65	31,900.00	0.0135	430.65	360.00		790.65	1.00	87.40
691	728 Wolsky, Vincent (PW)	207 Broadmeadow Drive	Parkeburg	19365	Residential	Public Water 240888382	448.05	8,300.00	0.0135	85.05	360.00		448.05	1.00	17.26
692	729 Wolskin, John E. (PW)	30 Bellevue Avenue	Coatesville	19320	Residential	Public Water 240819927	683.80	36,600.00	0.0135	523.80	360.00		683.80	1.00	106.30
693	730 Wode, Dennis Bruce (PW)	10 Ogry Road	Coatesville	19320	Residential	Public Water 240618448	684.50	47,000.00	0.0135	634.50	360.00		684.50	1.00	128.77
694	731 Wozniak, Brian C. (PW)	510 Green Hill Road	Parkeburg	19365	Residential	Public Water 924068988	724.50	27,000.00	0.0135	364.50	360.00		724.50	1.00	73.97
695	732 Wozniak, Oliver (PW)	40 Wick Drive	Parkeburg	19365	Residential	Public Water 240709037	381.00	48,000.00	0.0135	621.00	360.00		961.00	1.00	129.03
696	733 Wright, Leanne & Anthony (PW)	307 Green Hill Road	Parkeburg	19365	Residential	Public Water 240680965	1,058.00	50,600.00	0.0135	675.00	360.00		1,058.00	1.00	136.99
697	734 Wright, Jonathan D. (PW)	112 Broadmeadow Drive	Parkeburg	19365	Residential	Public Water 240680909	1,628.00	94,000.00	0.0135	1,268.00	360.00		1,628.00	1.00	257.35
698	735 Wyatt, Stephanie (PW)	908 Fox Trail	Parkeburg	19365	Residential	Public Water 240882640	548.00	14,000.00	0.0135	188.00	360.00		548.00	1.00	36.00
699	736 Yennell, Thomas (PW)	104 Green Hill Road	Parkeburg	19365	Residential	Public Water 240877067	669.59	27,000.00	0.0135	499.50	360.00		669.59	1.00	101.37
700	737 York, Brian (PW)	3 Washington Lane	Coatesville	19320	Residential	Public Water 240895456	927.00	46,000.00	0.0135	677.00	360.00		927.00	1.00	115.07
701	738 Young, Anthony R. (PW)	914 Colonial Ct.	Coatesville	19320	Residential	Public Water 240895480	1,145.00	58,000.00	0.0135	765.00	360.00		1,145.00	1.00	158.00
702	739 Young, Franklin & Carol (PW)	200 Feltus Lane	Coatesville	19320	Residential	Public Water 240871153	648.90	21,400.00	0.0135	288.90	360.00		648.90	1.00	59.63
703	740 Youngs, Christine (PW)	18 Belvedere Avenue, P.O. Box 164	Pomeroy	19367	Residential	Public Water 240815525	540.90	13,400.00	0.0135	160.90	360.00		540.90	1.00	36.71
704	741 Yorkins, Kathleen (PW)	205 Broad Meadow Drive	Coatesville	19320	Residential	Public Water 240686320	458.85	3,900.00	0.0135	133.85	360.00		458.85	1.00	27.12
705	742 Zelinsky, Michael (PW)	515 Peobis Lane	Coatesville	19320	Residential	Public Water 240876246	820.25	41,500.00	0.0135	580.25	360.00		820.25	1.00	113.70
706	743 Ziegler, Lance P. (PW)	509 Pebble Lane	Coatesville	19320	Residential	Public Water 240876295	1,248.95	65,900.00	0.0135	886.65	360.00		1,248.95	1.00	180.55
707	744 Zippner, Charles & Carol (PW)	13 Washington Lane	Coatesville	19320	Residential	Public Water 240895478	819.00	34,900.00	0.0135	456.00	360.00		819.00	1.00	93.13
1	745 Bradford Bk garage	1991 Valley Road	Parkeburg	19365	Commercial/Wei		445.00	5,000.00	0.0135	81.50	268.50		445.00	1.00	18.44
2	747 Greater Memorial Baptist Church	801 Meadowbrook Drive	Coatesville	19320	Commercial/Wei		335.00	10,000.00	0.0135	176.50	380.00		335.50	1.00	35.62
3	748 Central Baptist Church	1944 Valley Road, PO Box 116	Pomeroy	19367	Commercial/Wei		400.50	3,000.00	0.0135	40.50	790.00		400.50	1.00	5.22
4	749 DeWolf, Tyler B.	215 Walnut Drive	Parkeburg	19365	Commercial/Wei		459.00	10,000.00	0.0135	199.00	270.00		459.00	1.00	51.26
5	750 Diamond Run Landscapes, Inc not connected	2042 Valley Road	Parkeburg	19365	Commercial/Wei		1,548.00	88,000.00	0.0135	1,188.00	360.00		1,548.00	1.00	36.38
6	751 Karynne Heasler 190 Washington Ln	190 Washington Lane	Coatesville	19320	Commercial/Wei		2,345.40	40,400.00	0.0135	545.20	1,800.00		2,345.40	1.00	110.88
7	752 Lincoln Crest Management LLC	2987 Lincoln Highway	Salisburyville	19369	Commercial/Wei		116,116.25	5,026,150.00	0.0135	6,826.30	45,000.00	4,459.88	116,116.31	125.00	13,934.68
8	753 P.J's Deli	1282 Valley Road	Parkeburg	19365	Commercial/Wei		518.00	34,800.00	0.0135	458.00	360.00		518.00	1.00	83.16
9	754 Sudbury Fibre Company	17 & 23 First Avenue	Salisburyville	19369	Commercial/Wei		1,348.00	82,000.00	0.0135	1,188.00	360.00		1,348.00	1.00	241.10
10	755 Sawmills, Robert (Valley East)	102 Shawbrook Lane, PO Box 238	Salisburyville	19369	Commercial/Wei		494.50	47,000.00	0.0135	634.50	360.00		494.50	1.00	128.77
1	757 Acker, James E.	1928 Valley Road	Parkeburg	19365	Residential/Wei		644.50	24,000.00	0.0135	324.50	360.00		644.50	1.00	65.75
2	758 Alesandro, James	68 Lincoln Avenue	Coatesville	19320	Residential/Wei		657.00	22,800.00	0.0135	297.00	360.00		657.00	1.00	69.27
3	759 A Ruz, Tomaz L.	67 Washington Lane	Coatesville	19320	Residential/Wei		630.00	20,000.00	0.0135	270.00	360.00		630.00	1.00	54.78
4	760 Athelstee, James 2361 Lincoln Hwy	2941 Lincoln Highway	Coatesville	19320	Residential/Wei		1,278.00	88,000.00	0.0135	918.00	360.00		1,278.00	1.00	186.30
5	761 Aulizer, Cody	2062 Valley Road	Parkeburg	19365	Residential/Wei		697.50	25,000.00	0.0135	337.50	360.00		697.50	1.00	88.48
6	762 Amunor, Akin	2058 Valley Road	Parkeburg	19365	Residential/Wei		643.50	21,000.00	0.0135	283.50	360.00		643.50	1.00	57.53
7	763 Amstrong, Lowell	65 Washington Lane	Coatesville	19320	Residential/Wei		806.85	29,000.00	0.0135	381.50	360.00	55.30	806.85	1.00	79.45
8	764 Aublett, James	425 S. Bensall School Road	Coatesville	19320	Residential/Wei		332.50	35,000.00	0.0135	472.50	360.00		332.50	1.00	95.49
9	765 Baker, James 989 Old Wm	658 Old Wilmington Road	Coatesville	19320	Residential/Wei		724.50	27,000.00	0.0135	364.50	360.00		724.50	1.00	73.87
10	766 Baker, James Box	504 Old Wilmington Road	Coatesville	19320	Residential/Wei		1,156.50	56,000.00	0.0135	786.50	360.00		1,156.50	1.00	231.54
11	767 Bakley, Dawn & Scott	56 Reel Street	Coatesville	19320	Residential/Wei		927.00	42,000.00	0.0135	567.00	360.00		927.00	1.00	115.07
12	768 Barnes, Charles & Shirley	38 Washington Lane	Coatesville	19320	Residential/Wei		782.00	32,000.00	0.0135	432.00	360.00		782.00	1.00	87.67
13	769 Barr, Kenneth	1291 Old Wilmington Road, PO Box 152	Pomeroy	19367	Residential/Wei		648.00	36,000.00	0.0135	488.00	360.00		648.00	1.00	96.83
14	770 Bergmyer, Thomas	299 Old Wilmington Road	Coatesville	19320	Residential/Wei		1,413.00	78,000.00	0.0135	1,053.00	360.00		1,413.00	1.00	212.73
15	771 Bentley Raymond Jr	2 North St., PO Box 117	Pomeroy	19367	Residential/Wei		738.00	38,000.00	0.0135	378.00	360.00		738.00	1.00	79.71
16	772 Bergman, Robert	71 Meeting House Lane	Coatesville	19320	Residential/Wei		726.50	27,000.00	0.0135	364.50	360.00		726.50	1.00	73.87
17	773 Baker, James	39 Lincoln Ave	Parkeburg	19365	Residential/Wei		1,842.00	80,000.00	0.0135	1,058.00	360.00	102.00	1,842.00	1.00	231.54
18	774 Bendor, Christopher(not connected)	2084 Virginia Avenue	Parkeburg	19365	Residential/Wei		1,548.00	88,000.00	0.0135	1,158.00	360.00		1,548.00	1.00	241.10
19	775 Boyll, John	119 Washington Lane	Coatesville	19320	Residential/Wei		1,162.50	61,000.00	0.0135	820.50	360.00		1,162.50	1.00	167.12
20	776 Bousley, Patrick	814 Old Wm Road, PO Box 614	Coatesville	19320	Residential/Wei		402.60	35,000.00	0.0135	472.50	360.00		402.60	1.00	58.89

31	787	Catins, Donald & Kelly	50 Meeting House	Colesville	18230	Residential	Well	1,318.50	71,000.00	0.0135	558.50	360.00		1,318.50	1.00	194.82
32	788	Cornie, Joseph & Sherry (Their Home)	11 Lincoln Avenue	Colesville	18229	Residential	Well	724.50	37,000.00	0.0135	364.50	360.00		724.50	1.00	73.07
33	789	Carpas, Ernest	1768 Old Wilmington Road	Parkersburg	18205	Residential	Well	783.00	30,000.00	0.0135	405.00	360.00		783.00	1.00	32.19
34	790	Casillas, Leida	6 Newnan Avenue	Parkersburg	18245	Residential	Well	711.00	35,000.00	0.0135	351.00	360.00		711.00	1.00	71.23
35	791	Caunaugh, Marjorie	58 Washington Lane	Colesville	18220	Residential	Well	1,123.50	37,000.00	0.0135	785.50	360.00		1,123.50	1.00	156.16
36	792	Cerritos, Roger	1245 Old Wilmington Road	Parkersburg	18265	Residential	Well	1,049.50	31,000.00	0.0135	688.50	360.00		1,049.50	1.00	139.73
37	793	Chicksey, Susan	47 Reed Street	Colesville	18200	Residential	Well	673.00	30,000.00	0.0135	513.00	360.00		673.00	1.00	104.71
38	794	Clark, Edward	543 Meeting House Lane	Colesville	18256	Residential	Well	582.50	15,000.00	0.0135	265.50	360.00		582.50	1.00	51.10
39	795	Clemasz, Jessica	2 Maple Avenue	Colesville	18226	Residential	Well	990.00	45,000.00	0.0135	667.50	360.00		990.00	1.00	122.39
40	796	Coblentz, Raymond	1542 Valley Road, PO Box 226	Parkersburg	18267	Residential	Well	632.50	35,000.00	0.0135	472.50	360.00		632.50	1.00	96.88
41	797	Conroy, John & Catherine	530 Pine Street	Colesville	18232	Residential	Well	554.00	40,000.00	0.0135	640.00	360.00		554.00	1.00	109.59
42	798	Cowan, Richard	31 Morris Lane	Colesville	18230	Residential	Well	803.00	18,000.00	0.0135	243.00	360.00	54.80	803.00	1.00	48.32
43	799	Cowan, Richard (Apt 1)	31 Morris Lane	Colesville	18230	Residential	Well	810.00	18,000.00	0.0135	256.50	360.00		810.00	1.00	32.05
44	800	Cranall, Steven	2036 Valley Road	Parkersburg	18265	Residential	Well	527.00	42,000.00	0.0135	567.00	360.00		527.00	1.00	115.07
45	801	Cunningham, Jason	32 Washington Lane	Colesville	18220	Residential	Well	1,102.50	35,000.00	0.0135	742.50	360.00		1,102.50	1.00	150.68
46	802	Daley, William & Deborah	447 S. Bonsall School Road	Colesville	18230	Residential	Well	1,274.00	45,000.00	0.0135	864.00	360.00		1,274.00	1.00	175.94
47	803	Dalier, Darold & Tricia	149 Old Wilmington Road	Colesville	18230	Residential	Well	873.00	38,000.00	0.0135	513.00	360.00		873.00	1.00	104.11
48	804	Dalmar, George	35 Helen Street	Parkersburg	18268	Residential	Well	724.50	37,000.00	0.0135	364.50	360.00		724.50	1.00	79.97
49	805	Dalmas, Jaree	39 Lincoln Avenue	Colesville	18230	Residential	Well	603.00	18,000.00	0.0135	243.00	360.00		603.00	1.00	49.22
50	806	Dallon, Catherine L.	27 W. Maple Avenue	Colesville	18230	Residential	Well	793.00	30,000.00	0.0135	403.00	360.00		793.00	1.00	82.10
51	807	Davis, Debbie	1264 Old Wilmington Road, PO Box 213	Parkersburg	18267	Residential	Well	62.00	8,000.00	0.0135	108.00	360.00	(406.00)	62.00	1.00	21.92
52	808	Davis, Kenneth	43 Fredrick Road	Colesville	18230	Residential	Well	1,089.00	34,000.00	0.0135	729.00	360.00		1,089.00	1.00	147.55
53	809	DeVine, George	1 Andrew Drive	Colesville	18230	Residential	Well	592.50	15,000.00	0.0135	262.50	360.00		592.50	1.00	64.10
54	810	Davis, Nicholas	835 Old Wilmington Road	Colesville	18230	Residential	Well	1,305.00	30,000.00	0.0135	945.00	360.00		1,305.00	1.00	191.78
55	811	Devlin, Robert	2958 Lincoln Highway, PO Box 562	Sadsburyville	18280	Residential	Well	765.00	30,000.00	0.0135	425.00	360.00		765.00	1.00	82.19
56	812	Domblesky, Brian	PO Box 783, Tax Parcel 1720-02-02	Sadsburyville	18285	Residential	Well	684.00	34,000.00	0.0135	360.00	360.00		684.00	1.00	62.49
57	813	Donohue, Tim	812 West First Avenue	Parkersburg	18285	Residential	Well	548.00	14,000.00	0.0135	189.00	360.00		548.00	1.00	65.75
58	814	Dorait, John & Douglas NOT CONNECTED	14 Stonehill Hill Rd, PO Box 224	Parkersburg	18267	Residential	Well	3,884.10	34,000.00	0.0135	1,188.00	360.00	116.00	3,884.10	1.00	38.36
59	815	Duda, Joseph	41 Meeting House Lane, PO Box 144	Sadsburyville	18285	Residential	Well	495.00	40,000.00	0.0135	440.00	360.00		495.00	1.00	109.68
60	816	Duda, Joseph (Betty Buchanan)	46 Meeting House Lane, PO Box 133	Sadsburyville	18285	Residential	Well	481.50	9,000.00	0.0135	121.50	360.00		481.50	1.00	24.88
61	817	Duan, William	29 Helen Street, PO Box 155	Parkersburg	18267	Residential	Well	797.00	22,000.00	0.0135	397.00	360.00		797.00	1.00	60.27
62	818	Emanuel, Michael (NOT TIED IN)	14 Hoffman Avenue	Colesville	18230	Residential	Well	1,664.10	38,000.00	0.0135	1,188.00	360.00		1,664.10	1.00	241.16
63	819	Esh, David	294 Old Wilmington Road	Colesville	18230	Residential	Well	1,143.00	15,000.00	0.0135	783.00	360.00		1,143.00	1.00	158.80
64	820	Falciano, Steve	23 Washington Lane	Colesville	18220	Residential	Well	228.00	12,000.00	0.0135	162.00	360.00		228.00	1.00	130.43
65	821	Falcone, Nichole	78 Fredrick Drive	Colesville	18230	Residential	Well	362.50	11,000.00	0.0135	149.50	360.00		362.50	1.00	50.14
66	822	Finn, Timothy	3 Linzer Avenue	Colesville	18230	Residential	Well	3,315.50	71,000.00	0.0135	998.50	360.00		3,315.50	1.00	194.52
67	823	Fischer, Ronald	1908 Valley Road	Colesville	18230	Residential	Well	848.00	36,000.00	0.0135	486.00	360.00		848.00	1.00	98.83
68	824	Fisher, Jonathan J (BWF)	749 Old Wilmington Rd	Colesville	18230	Residential	Well	387.00	22,000.00	0.0135	297.00	360.00		387.00	1.00	228.12
69	825	Fitzma, Patricia	106 Washington Lane	Colesville	18230	Residential	Well	1,254.50	37,000.00	0.0135	904.50	360.00		1,254.50	1.00	183.58
70	826	Florian, Vicki	1350 Valley Road, PO Box 228	Parkersburg	18267	Residential	Well	1,440.00	30,000.00	0.0135	1,080.00	360.00		1,440.00	1.00	219.12
71	827	Forsman, Nancy	27 Hoffman Avenue	Colesville	18230	Residential	Well	458.00	9,000.00	0.0135	108.00	360.00		458.00	1.00	21.82
72	828	Forsman, Stephen	803 Old Wilmington Road	Colesville	18230	Residential	Well	376.00	16,000.00	0.0135	216.00	360.00		376.00	1.00	43.84
73	829	Foster, Cecile	9 Maple Avenue West	Colesville	18230	Residential	Well	816.50	18,000.00	0.0135	286.50	360.00		816.50	1.00	62.05
74	830	Gallagher, Nicholas	11 Andrew Drive	Colesville	18230	Residential	Well	1,548.00	36,000.00	0.0135	188.00	360.00		1,548.00	1.00	241.30
75	831	Ganis Ralph & Betty (Garage)	2050 Valley Road	Parkersburg	18267	Residential	Well	495.00	10,000.00	0.0135	135.00	360.00		495.00	1.00	27.40
76	832	Ganis Ralph & Betty (Green House)	2046 Valley Road	Parkersburg	18267	Residential	Well	546.00	39,000.00	0.0135	486.00	360.00		546.00	1.00	99.63
77	833	Ganis Ralph & Betty (Grey House)	2002 Valley Road	Parkersburg	18267	Residential	Well	738.00	28,000.00	0.0135	378.00	360.00		738.00	1.00	78.71
78	834	Ganis, Ralph & Betty (Beige House)	2055 Virginia Avenue	Parkersburg	18265	Residential	Well	508.50	11,000.00	0.0135	149.50	360.00		508.50	1.00	30.14
79	835	Ganis, Ralph & Betty (White House)	2054 Valley Road	Parkersburg	18265	Residential	Well	522.00	12,000.00	0.0135	162.00	360.00		522.00	1.00	32.68
80	836	Guenther, George	2078 Valley Road	Parkersburg	18265	Residential	Well	751.50	28,000.00	0.0135	291.50	360.00		751.50	1.00	79.45
81	837	Gunnels, James	48 Fredrick Road	Colesville	18230	Residential	Well	643.50	21,000.00	0.0135	289.50	360.00		643.50	1.00	57.45
82	838	Guest, Everett	514 Old Wilmington Road	Colesville	18230	Residential	Well	265.50	13,000.00	0.0135	44.50	360.00		265.50	1.00	39.43
83	839	Grace III, Maria	843 Old Wilmington Road	Sadsburyville	18285	Residential	Well	670.50	24,000.00	0.0135	312.00	360.00		670.50	1.00	50.01
84	840	Grace, Mons-Irwin	839 Old Wilmington Road	Sadsburyville	18285	Residential	Well	1,102.50	55,000.00	0.0135	742.50	360.00		1,102.50	1.00	150.68
85	841	Haldeman, Kenneth	849 Old Wilmington Road, PO Box 13	Sadsburyville	18285	Residential	Well	435.00	10,000.00	0.0135	135.00	360.00		435.00	1.00	27.40
86	842	Hartney, William	48 Lincoln Avenue	Colesville	18230	Residential	Well	432.50	15,000.00	0.0135	262.50	360.00		432.50	1.00	51.11
87	843	Helmman, Neil	9 Greenleaf Drive, PO Box 148	Parkersburg	18267	Residential	Well	495.00	10,000.00	0.0135	135.00	360.00		495.00	1.00	27.40
88	844	Herman, Harold & Sherry	759 Old Wilmington Road	Colesville	18230	Residential	Well	1,035.00	50,000.00	0.0135	675.00	360.00		1,035.00	1.00	139.84
89	845	Hartney, Christopher & Heather	2905 Lincoln Highway PO Box 408	Sadsburyville	18285	Residential	Well	322.00	12,000.00	0.0135	162.00	360.00		322.00	1.00	32.88
90	846	Hertzog, Andrew	12 Wallace Avenue PO Box 154	Parkersburg	18267	Residential	Well	888.50	39,000.00	0.0135	536.50	360.00		888.50	1.00	105.85
91	847	Hilton, Lydia	40 Stonehill Hill, PO Box 167	Parkersburg	18267	Residential	Well	1,129.50	37,000.00	0.0135	789.50	360.00		1,129.50	1.00	156.16
92	848	Hines, Thomas	34 Fredrick Road	Colesville	18230	Residential	Well	732.00	32,000.00	0.0135	432.00	360.00		732.00	1.00	87.87
93	849	Holt, Lisa	14 Reed Street	Colesville	18230	Residential	Well	1,026.00	30,000.00	0.0135	678.00	360.00		1,026.00	1.00	135.88
94	850	Horn, Kevin	5 Reed Street	Colesville	18230	Residential	Well	468.00	8,000.00	0.0135	108.00	360.00		468.00	1.00	21.55
95	851	Houck, Timothy (Not Tied In)	2068 Valley Road	Parkersburg	18267	Residential	Well	1,548.00	36,000.00	0.0135	1,188.00	360.00		1,548.00	1.00	241.16
96	852	Hughes, Jason R	842 Old Wilmington Road	Colesville	18230	Residential	Well	687.50	45,000.00	0.0135	807.50	360.00		687.50	1.00	103.29
97	853	Hut, Alexander	749 Old Wilmington Road	Colesville	18230	Residential	Well	214.50	7,000.00	0.0135	94.50	360.00		214.50	1.00	39.45
98	854	Johnson, Beattie	14 Fredrick Road	Colesville	18230	Residential	Well	1,548.00	38,000.00	0.0135	1,188.00	360.00		1,548.00	1.00	241.16
99	855	Johnson, Carolyn	1956 Valley Road	Parkersburg	18265	Residential	Well	1,548.00	39,000.00	0.0135	1,188.00	360.00		1,548.00	1.00	241.16
100	856	Johnson, Robert	465 S. Bonsall School Road	Colesville	18230	Residential	Well	1,026.00	30,000.00	0.0135	678.00	360.00		1,026.00	1.00	135.88
101	857	Johnson, Robert	1956 Valley Road, P O Box 230	Parkersburg	18267	Residential	Well	927.00	42,000.00	0.0135	867.00	360.00		927.00	1.00	115.07
102	858	JYF 841 Old Wilmington	651 Old Wilmington Rd PO Box 10	Sadsburyville	18285	Residential	Well	1,224.00	34,000.00	0.0135	694.00	360.00		1,224.00	1.00	175.34
103	859	Keyes, Michael & Kelly	873 Old Wilmington Road	Colesville	18230	Residential	Well	532.50	35,000.00	0.0135	472.50	360.00		532.50	1.00	96.88
104	860	Killinger, Charles	45 Neth St., PO Box 174	Parkersburg	18267	Residential	Well	457.50	7,000.00	0.0135	94.50	360.00		457.50	1.00	15.16
105	861	King, Dennis	47 W. Maple Ave													

**Agreement to Provide Valuation Consulting Services
Between**

AUS Consultants

And

**Pennsylvania America Water Company
For the Appraisal of**

Sadsbury Township's Wastewater Utility

As of the most recent period (December 31, 2016)

Agreement for Valuation Consulting Services

This Agreement for Valuation Consulting Services (“Agreement”) is by and between AUS Consultants, a New Jersey corporation (“Supplier”) and Pennsylvania-American Water Company, a Pennsylvania corporation (“PA-American”) and is entered into as of January 12, 2017. In consideration of the covenants hereinafter contained, and intending to be legally bound, the Parties hereto agree to as follows:

Section 1. Description of Services:

Supplier is being engaged to act as a Utility Valuation Expert, as such term is defined in Pennsylvania Act 12 of 2016, amending Chapter 13 of the Pennsylvania Public Utility Code and the Final Implementation Order entered by the Public Utility Commission at Docket No. M-2016-2543193 (collectively, “Act 12”). Supplier is being engaged with respect to the proposed acquisition by PA-American of the wastewater system assets currently owned by Sadsbury Township, Chester County, Pa. (the “Project”). Upon the issuance of a notice to proceed by PA-American, Supplier shall prepare and produce the following appraisals and/or studies suitable for the Project, including if requested (collectively, the “Services”):

1. An Appraisal (Valuation study) consistent with the 2016-2017 & 2017-2018 Uniform Standards of Appraisal Practices (USPAP) as of the date requested by PA-American and consistent with the requirements of Act 12.
2. If applicable, provide expert witness testimony and documentation for the Valuation studies as required by Act 12.
3. If requested by PA-American, updates to the Valuation studies as of the date requested by PA-American.
4. Provide the documentation required by Act 12 with respect to the Services and the fees charged by Supplier pursuant to this Agreement.
5. If requested by PA-American, perform such other services as are consistent with Supplier’s engagement as a Utility Valuation Expert.

Section 2. Duration:

Unless amended, the Project subject to this Agreement is anticipated to be approximately two years in duration and will be performed for the period beginning upon the issuance of a notice to proceed by PA-American and continuing through January 11, 2019. Supplier acknowledges and agrees that it shall not and shall have no obligation to provide the Services until such time as PA-American has issued a notice to proceed. To the extent Act 12 imposes any requirements with respect to the timing for the completion of the Services, the commencement date for such Services shall not be deemed to be any earlier than the date PA-American issues the notice to proceed.

Proprietary and Confidential

This Agreement and information contained therein is not for use or disclosure outside of PA-AMERICAN, its Affiliates, and third party representatives, and Supplier except under written agreement by the contracting parties or as may be required by applicable law or regulation.

Section 3. Effective & Expiration Dates:

This Agreement shall be effective as of the date set forth in the first paragraph hereof (“Effective Date”) and shall continue until the earlier to completion on the Project or January 11, 2019 (“Expiration Date”) unless earlier terminated as set forth in this Agreement.

Section 4. Personnel to Perform the Services:

Jerome C. Weinert, Principal and Director, shall be in charge of the Services on behalf of Supplier. Supplier shall call upon additional experienced professional staff as required. In the event that this Project or Agreement should not continue for any reason, or should PA-American replace the need for Supplier, PA-American shall give notice as soon as feasibly possible for Supplier to re-deploy their resources elsewhere without any penalty to PA-American.

Both parties recognize the importance of maintaining a continuity of Supplier’s personnel on this Project. Supplier agrees that any of its employees, staff, professionals, experts, partners, and/or other personnel: (a) identified as the “Project Team” identified in Section 6 of this Agreement, and/or (b) assigned to this Project subsequent to the execution of this Agreement, shall continue to be staffed on this Project throughout the entire length of time Project Services are provided under this Agreement. Further, said personnel shall be used in the same capacities in which they are initially intended as of the execution date of this Agreement, or as of the date they are assigned to the Project subsequent to execution date of this Agreement, so long as they continue to be employed by Supplier, or so long as PA-American continues to desire their services.

Should Supplier terminate its relationship and/or employment with said personnel, or if said personnel terminates the relationship with Supplier and/or resigns from employment with Supplier, to the extent that Supplier, for any reason, enters into non-compete or similar agreement(s) and/or arrangement (s) with any of its employees, staff, professionals, experts, partners, and/or other personnel, Supplier agrees to immediately release said personnel from non-compete or similar agreement(s) and/or arrangement(s) with respect to being able to work for PA-American in any capacity PA-American sees fit.

Should any or all of Suppliers employees, staff, professionals, experts, partners, and/or other personnel staffed on this Project leave the employ of Supplier during the terms of this Agreement, Supplier agrees to immediately notify PA-American and suggest alternative personnel to be staffed on the Project. In no event shall any Supplier employee, staff, professional, expert, partner, and/or other personnel be assigned to this Project (whether identified in this Section 4, or identified elsewhere subsequent to the execution of this Agreement) without the express written permission and approval by PA-American. Further, PA-American reserves the right to terminate the Services of any of Supplier employee, staff, professional, expert, partner, and/or other personnel working on this Project at any time, and for any reason, without penalty.

Section 5. Location:

Supplier’s (AUS Consultants’) offices in Harrisburg, Pennsylvania, Mt. Laurel, New Jersey, Greenfield, Wisconsin and various PA-American Company’s sites as may be required.

Proprietary and Confidential

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Section 6. Prices:

Supplier fees for the Services are as follows:

Appraisal Activity	Fees (not to exceed)	Expenses (not to exceed)
Appraisal		
Initial Appraisal	\$26,960	\$3,200
Appraisal updates	\$2,500	\$800
Pre-filed Direct testimony related to the above described Valuation studies	\$3,000	\$500

Valuation Activity performed by AUS Consultants staff following completion of pre-filed testimony	Hourly Rates plus expenses
Jerome C. Weinert	\$250
David Sheffer	175
David Weiler	175
Michael Diedrich	225
Elizabeth A. Weinert	150
Earl Robinson	200
Susan Macchia	50

The expenses in the above tables are for travel and living, report production and shipping.

Supplier recognizes that its fees for the Project are subject to disclosure pursuant to Act 12 and so that Pa-American can include such fees as part of the transaction and closing costs associated with the proposed acquisition of the Project. Supplier further recognizes that its fees shall not exceed five percent (5%) of the fair market value of the assets to be acquired as part of the Project unless such fees are approved by the Pennsylvania Public Utility Commission ("PUC"). Supplier agrees that its fees shall comply with the requirements of Act 12 and the PUC Implementation Order regarding Act 12.

Section 7. Payment:

Payment all undisputed amounts shall be made within 60 days upon PA-American being invoiced each month for all work completed during the prior month, or partial payment upon being invoiced should this appraisal engagement be suspended.

All payment terms are Net 60.

Section 8. Non-Disclosure:

Proprietary and Confidential

This Agreement and information contained therein is not for use or disclosure outside of PA-AMERICAN, its Affiliates, and third party representatives, and Supplier except under written agreement by the contracting parties or as may be required by applicable law or regulation.

A. The Parties agree as follows:

1. In connection with the Project, PA-American may find it beneficial to disclose to Supplier certain confidential or proprietary information in written, oral or other tangible or intangible forms, which may include, but is not limited to, discoveries, ideas, concepts, know-how, techniques, designs, specifications, drawings, blueprints, tracings, diagrams, models, samples, flow charts, data, computer programs, disks, diskettes, tapes, marketing plans, customer names and other technical, financial or business information (individually and collectively, "Information"). All Information which is disclosed by PA-American to Supplier, whether provided in tangible or intangible form, including, but not limited to, electronic mail or other electronic communications, shall be deemed to be confidential or proprietary. Further, if Information is provided orally, including Information conveyed to an answering machine, voice mail box or similar medium, it shall too be deemed to be confidential or proprietary.
2. Supplier shall:
 - a. Hold such Information in confidence with the same degree of care with which Supplier protects its own confidential or proprietary Information, but no less than reasonably prudent care;
 - b. Restrict disclosure of the Information solely to its employees, contractors and agents with a need to know such Information, advise those persons of their obligations hereunder with respect to such Information, and assure that such persons are bound by obligations of confidentiality no less stringent than those imposed in this Agreement;
 - c. Use the Information only as needed for the purposes of the Project;
 - d. Except for the purposes of the Project, not copy, distribute, or otherwise use such Information or knowingly allow anyone else to copy, distribute, or otherwise use such Information; any and all copies shall bear the same notices or legends, if any, as the originals; and,
 - e. Upon request, promptly return to PA-American all Information that is in tangible form; as to Information that was disclosed or is stored in intangible form, including, but not limited to electronic mail or other electronic communications, upon request by the PA-American, Supplier shall certify in writing within five (5) business days to PA-American that all such Information has been destroyed or, if the Information was recorded on an erasable storage medium, that Supplier has used reasonable efforts to erase all such Intangible Information.
3. Except for customer Information, Supplier shall have no obligation to preserve the confidential or proprietary nature of any Information which:
 - a. Was already known to the Supplier free of any obligation to keep it confidential at the time of its disclosure by PA-American as evidenced by Supplier's written records prepared prior to such disclosure; or
 - b. is or becomes publicly known through no wrongful act of Supplier; or

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- c. is rightfully received from a third person having no direct or indirect secrecy or confidentiality obligation to PA-American with respect to such Information; or
 - d. is independently developed by an employee, contractor or agent of Supplier or a third party not associated with the Project and who did not have any direct or indirect access to the Information, as evidenced by the Supplier's written records; or
 - e. is approved for release by written authorization by PA-American; or,
 - f. it is required to disclose pursuant to a written request or demand of a duly empowered government agency or a court of competent jurisdiction, provided due notice and an adequate opportunity to intervene is given to PA-American, unless such notice is prohibited by such written request or demand, in which case, the Supplier shall disclose only such Information as is required and shall use reasonable efforts to obtain confidential treatment for any Information that is so disclosed.
4. Any Information relating to the Project that is disclosed by PA-American to Supplier shall remain confidential for five (5) years from the date of termination of the Agreement. Notwithstanding anything to the contrary herein, Customer Information shall remain confidential indefinitely and shall never be disclosed or used without the prior written approval of an authorized representative of PA-American. "Customer Information" includes, but is not limited to, customer name, address, phone number, information concerning a customer's calling patterns, unlisted customer numbers, any other information associated with a customer or with persons in the household of a customer, and any information available to PA-American and/or its suppliers by virtue of PA-American's relationship with its customers as a provider of telecommunications, Internet, information or other services, including, but not limited to, the quantity, technical configuration, location, type, destination, amount of use of telecommunications or other services subscribed to, and information contained on the telephone bills of PA-American's customers pertaining to telephone exchange service, telephone toll service or other services received by a customer of PA-American.
 5. Any disclosed Information by PA-American shall be deemed the property of PA-American, who shall retain exclusively rights to such Information. Nothing contained in this Agreement shall be construed as granting or conferring any patent, copyright, trademark or other proprietary rights by license or otherwise in any such Information to Supplier, except for the right to use such Information in accordance with this Agreement.
 6. NOTWITHSTANDING ANYTHING IN THIS AGREEMENT TO THE CONTRARY, PA-AMERICAN MAKES NO REPRESENTATIONS OR WARRANTIES OF ANY NATURE WHATSOEVER WITH RESPECT TO ANY INFORMATION FURNISHED, INCLUDING, WITHOUT LIMITATION, ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR WARRANTIES AGAINST INFRINGEMENT.
 7. In the event Supplier discloses, disseminates, or releases any confidential or proprietary Information received from PA-American, except as expressly permitted herein, such

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disclosure, dissemination, or release shall be deemed a material breach of this Agreement. In the event of such breach, PA-American may demand prompt return of all confidential and proprietary Information previously provided to Supplier and terminate this Agreement. The provisions of this Section are in addition to any other legal rights or remedies PA-American may have in law or in equity.

8. This Agreement shall be governed by and construed in accordance with the laws of the Commonwealth of Pennsylvania, irrespective of its choice of law principles. Both Parties agree to comply with all laws, including, but not limited to, laws and regulations regarding the export of information outside the United States. Supplier shall not knowingly transmit, directly or indirectly, in whole or in part, any Information of PA-American or export, directly or indirectly, any product or Information in contravention of the laws of the United States or the laws of any other country governing the aforesaid activities. Supplier shall not transfer any Information received hereunder or any product made using such Information to any country prohibited from receiving such data or product by the U.S. Department of Commerce Export Administration Regulations without first obtaining a valid export license. In the event Supplier violates the foregoing, Supplier shall defend, indemnify, and hold harmless PA-American from and against any claim, loss, liability, expense or damage including fines or legal fees, incurred PA-American with respect to the export or re-export activities contrary to the foregoing. Notwithstanding any other provision of this Agreement, this Section shall survive any termination or expiration of this Agreement.

Section 9. Ownership of Paid-For Development, Use and Reservation of Rights:

PA-American shall be the exclusive owner of all right, title, and interest in and to all Paid-For Development (defined below), including, without limitation, all Intellectual Property Rights therein and thereto. Supplier shall assign or have assigned to PA-American and hereby assigns to PA-American all Intellectual Property Rights in and to the Paid-For Development. "Paid-For Development" shall mean any and all Items to the extent produced or developed by or on behalf of Supplier or its employees, agents, or direct or indirect contractors or suppliers (and whether completed or in-progress), or forming part of any deliverable, pursuant to this Agreement (including, without limitation under any statement of work, exhibit, order or other document under, subordinate to, or referencing this Agreement or the Project) (collectively "Agreements") for the development of which PA-American has been charged monies in one or more of the Agreements ("Development Fees"). Paid-For Development shall always exclude all Excluded Materials, but shall include (without limitation) any modifications, alterations or updates of any Excluded Materials ("Enhancements") that otherwise fall within the definition of Paid-For Development ("Paid-For Enhancements"). PA-American's ownership of Paid-For Enhancements shall be subject to Supplier's underlying rights and ownership in Supplier's Excluded Materials.

"Items" shall mean any or all inventions, discoveries, ideas, (whether patentable or not), and all works and materials, including but not limited to products, devices, computer programs, source codes, designs, files, specifications, texts, drawings, processes, data or other

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information or documentation in preliminary or final form, and all Intellectual Property rights in or to any of the foregoing.

“Excluded Materials” shall mean: i) Supplier’s Pre-Existing Materials; ii) Supplier’s Independently Developed Materials; and iii) Supplier’s Mere Reconfigurations.

“Supplier’s Pre-Existing Materials” shall mean those Items owned by Supplier to the extent and in the form that they both existed prior to the date Supplier began any work under this Agreement and were created without any use of any PA-American Items. Supplier’s Pre-Existing Materials shall not, however, include Paid-For Enhancements thereto.

“Supplier’s Independently Developed Materials” shall mean those Items that have been developed by Supplier, or on Supplier’s behalf, both i) without use of any PA-American Items; and ii) independently of any work performed under any Agreements.

“Supplier’s Mere Reconfigurations” means those specific reconfigurations of Supplier’s pre-existing software performed by Supplier, or on Supplier’s behalf, but only to the extent that such reconfiguration is an alteration to such software which is strictly required to permit Supplier’s software to function on PA-American’s network or service platform. In no event shall Supplier’s Mere Reconfigurations include enhancements, modifications, or updates that are not contained in Supplier’s Pre-Existing Materials and that add any features, functionality, or capabilities.

“Intellectual Property Rights” means all patents (including all reissues, divisions, continuations, and extensions thereof) and patent applications, trade names, trademarks, service marks, logos, trade dress, copyrights, trade secrets, mask works, rights in technology, know-how, rights in content (including but not limited to performance and synchronization rights), or other intellectual property rights, protected under the laws of any governmental authority having jurisdiction.

Section 10. Right to Terminate:

PA-American has the right to terminate this Agreement, in its entirety or any portion thereof, at any time without penalty. Should PA-American terminate this Agreement at any time, Supplier shall be entitled to keep and collect all fees billed to PA-American prior to the termination date which are not the subject of a dispute between the parties. Further, Supplier shall be entitled to charge, and PA-American agrees to pay for all properly performed Services as of the termination date in accordance with the rates set forth in Section 6 or, in the case of a fixed fee, a prorata share of the monthly billing during the month in which the Agreement was terminated. Said prorata share shall be calculated by dividing the total number of days worked by Supplier during the month in which the Agreement is terminated, by the total number of calendar days in the month in which the Agreement was terminated.

Section 11. Invoices/Billing Information:

The Supplier agrees to submit invoices in paper and or electronic form with appropriate references to the PA-American Point of Contact identified in Section 12.

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Section 12. Project Manager/Point of Contact/Legal Counsel:

The project manager and/or point of contact of Supplier shall be:

Jerome C. Weinert
Principal and Director
AUS Consultants
Suite 201
8555 West Forest Home Avenue
Greenfield, Wisconsin 53228
E-Mail: weinertj@auswest.net
414-529-5755 (office)
414-529-5750 (fax)
414-698-8371 (cell)

The point of contact for PA-American shall be:

Scott D. Fogelsanger, Senior Business Development Manager
Pennsylvania-American Water Company
852 Wesley Drive
Mechanicsburg, PA 17055-4475
717-790-3044 (office)
717-875-2282 (cell)
717-790-3058 (fax)
Email: Scott.Fogelsanger@amwater.com

The Legal Counsel contact for PA-American shall be:

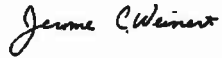
Andrew L. Swope, Vice President, General Counsel
Pennsylvania-American Water Company
800 West Hersheypark Drive
Hershey, PA 17033
717-531-3210 (office)
717-574-2691 (cell)
717-531-3399 (fax)
Email: Andrew.Swope@amwater.com

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Section 13. Signatures:

AUS Consultants (Supplier)



**Jerome C. Weinert
January 12, 2017**

Pennsylvania American Water Company



**Andrew L. Swope
January 12, 2017**

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Herbert, Rowland & Grubic, Inc.
Engineering & Related Services

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(717) 564-1121
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April 26, 2017
Updated December 19, 2017

FAIR MARKET VALUATION
OF THE
SADSBURY TOWNSHIP, CHESTER COUNTY
SANITARY SEWER SYSTEM

As of
December 31, 2016

HRG Project No. R006038.0425

Table of Contents

Executive Summary	1
Purpose of the Valuation.....	1
System Description	2
Fair Market Valuation.....	2
Cost Approach	3
Market Approach	6
Income Approach.....	7
Conclusion	8

Schedule A: Certificate of Market Valuation

Schedule B: Cost Approach – Original Cost and Accumulated Depreciation

Schedule C: Cost Approach – Reproduction Cost and Accumulated Depreciation

Schedule D: Market Approach – Comparison of Other Wastewater System Acquisitions

Schedule E: Detailed Revenues for 2017 and Expenditures for 2015, 2016 and Budgeted 2017

Schedule F: Income Approach – Rate Base/Rate of Return Present Value Analysis

Schedule G: Estimated Reproduction Cost of Rights of Way

Schedule H: Future Capital Projects – Next Five Years

Exhibit 1: Engineer’s Assessment – List of Assets and Original Costs

Exhibit 2: Photos

**SADSBURY TOWNSHIP SANITARY SEWER SYSTEM
FAIR MARKET VALUATION AS OF DECEMBER 31, 2016**

EXECUTIVE SUMMARY

Based on our review of the supporting documents, discussions with Sadsbury Township Staff and professional advisors, the reported condition of the Sadsbury Township Sanitary Sewer System (STSSS), our own on-site assessment of above ground facilities, planned capital projects and an evaluation of the system revenues; we concluded that a fair market value for the system is **\$9,590,000** determined below and in our report.

Consistent with the Uniform Standards of Professional Appraisal Practice (USPAP), HRG employed the cost, market and income approaches in arriving at the fair market value as summarized below.

Cost Approach	\$ 9,680,000
Market Approach	11,320,000
<u>Income Approach</u>	<u>7,780,000</u>
Average Fair Market Value:	\$ 9,590,000

Courts have held “market value may be determined in many ways and does not exclusively depend upon application of the market data approach.”¹ HRG believes that each of these approaches has merits and each should be given weight in estimating fair market value as required by the Pennsylvania Public Utility Commission’s (PUC) Final Implementation Order relative to Act 12 of 2016. (HRG is obliged to follow the requirements of Act 12 and PUC’s Final Implementation Order.)

PURPOSE OF VALUATION

The purpose of this report is to establish the fair market value of the STSSS as of December 31, 2016 for the purpose of acquisition of the system by Pennsylvania American Water Company, Inc. (PAWC) in accordance with the agreement between Sadsbury Township (the “Township” or “Sadsbury”) and Herbert, Rowland & Grubic, Inc. (HRG) dated December 28, 2016.

HRG’s valuation is governed by the requirements of Section 1329 of the Pennsylvania Public Utility Code (Code) that became effective June 13, 2016, applicable to the valuation of municipally or Township

¹ Andrew H. Schuster, Valuation of Public Utilities (Matthew Bender & Co., Inc., 1991) §14A.01[3]

**SADSBURY TOWNSHIP SANITARY SEWER SYSTEM
FAIR MARKET VALUATION AS OF DECEMBER 31, 2016**

owned water and wastewater utilities acquired by investor-owned utilities. The purpose of Section 1329 is to establish a process for determining the fair market value.

SYSTEM DESCRIPTION

The Township owns and operates a wastewater collection and conveyance system in Sadsbury Township, Chester County, Pennsylvania. The Township began providing sanitary sewer service to residents and businesses of the Township in 1999 and currently serves approximately 998 customers. The collection system consists of approximately 80,000 linear feet of pipe, one pump station and other related wastewater facilities. Collected wastewater is treated by PAWC at its Coatesville facility previously owned by the City of Coatesville Authority. The Township has reserved capacity of 410,750 gallons per day. The average daily flow for 2016 was 150,693 gpd.

FAIR MARKET VALUATION

Fair market value is defined as “the value established in a public market by exchanges between willing sellers and willing buyers” not under duress.² Such a market would imply substantial availability of data for comparable property exchanges. However, because sales and purchase price data of comparable utilities is limited, other considerations need to be given weight for purposes of estimating a fair market value.

Section 1329 (a) provides that both the buyer and seller will each choose a utility valuation expert (UVE) to “prepare an appraisal of assets, and the average of those appraisals will be used as the fair market value of the asset.”³ The Order further states that “a fair market valuation allows consideration of cost, market and income approaches in valuing the system.” HRG has addressed each of these approaches in the following appraisal of the STSSS to estimate the fair market value. For the purposes of this valuation, an annual Distribution System Improvement Charge (DSIC) was considered through PAWC’s first projected rate filing. (However, as of the date of our report, it is our understanding that PAWC is

² Martson, Anson; Winfrey, Robley; Hempstead, Jean C., *Engineering Valuation and Depreciation* (Ames: Iowa State University Press, 1953), p. 8.

³ *Implementation of Section 1329 of the Public Utility Code*, Docket No. M-2016-2543193 (Tentative Order entered July 21, 2016) (Final Order entered October 27, 2016).

**SADSBURY TOWNSHIP SANITARY SEWER SYSTEM
FAIR MARKET VALUATION AS OF DECEMBER 31, 2016**

considering an amendment to its existing tariff for the Coatesville Service Area which may result in higher base rates and the elimination of the current DSIC.)

COST APPROACH

An engineering assessment prepared by Herbert E. MacCombie, Jr., P.E. Consulting Engineers & Surveyors, Inc. (CES) of Original Cost of the STSSS was provided to HRG as the basis for developing the cost appraisal of the wastewater system. The listing of the inventory as provided by CES is included as Exhibit 1. The assessment includes an inventory of assets, year the asset was placed in service, Original Cost of the asset and the account number based upon the National Association of Regulatory Utility Commissions (NARUC) accounting system. A listing of anticipated future construction of utility plant for the next five years was provided by the Township and is included on Schedule K of the Appendix.

CES's costs for the utility plant were taken from construction documents, final payment requisitions and other documentation and reliable sources. The records documented the sizes, types and lengths of pipelines and the sizes, types and quantities of accessories installed. HRG believes the majority of costs submitted by CES are acceptable for purposes of the appraisal of fair market value.

There are several measures of cost that can be used for valuation purposes. For example, a valuation for rate purposes is different than a valuation for tax, condemnation or for insurance purposes. Cost measures that are commonly used include Original Cost, Replacement Cost and Reproduction Cost. The measures used are discussed in the following paragraphs.

Original Cost – Original Cost is the cost of utility plant when initially dedicated to public service and is derived from work orders, construction contracts and other documents. Original Cost is the standard normally used for ratemaking purposes and forms the basis for determining the annual depreciation and return on investment that are components of a regulated utility cost of service. An inventory of assets and Original Costs of the STSSS utility plant by category was provided by CES.

In order to determine current value, depreciation is deducted from the cost. Depreciation is the loss in service value not restored by current maintenance that occurs as a result of wear and tear and action of

**SADSBURY TOWNSHIP SANITARY SEWER SYSTEM
FAIR MARKET VALUATION AS OF DECEMBER 31, 2016**

the elements. HRG calculated annual and accrued depreciation by assigning estimated service lives for each category of utility plant based on experience of comparable wastewater utility systems and deducted the accumulated depreciation from the Original Cost to derive the current value.

For a regulated utility, the objective of depreciation is the cost recovery of the plant cost over the useful life from those customers receiving service at the time that the facilities are in service. In other words to match the cost recovery from those customers benefiting from the facilities in service, thus avoiding subsidizing future customers at the expense of current customers.

Annual depreciation for the STSSS was calculated on a straight-line basis by dividing the Original Cost provided by CES by the service life to obtain the annual write off over the useful life of the utility plant. Accumulated depreciation was calculated by multiplying the annual depreciation for each category by the age. The calculation of annual depreciation, accrued depreciation and Original Cost less depreciation is shown on Schedule B of the Appendix.

Original Cost is the standard normally used for rate making purposes with the exception of valuations for municipal acquisitions as provided for in Section 1329 of the Code.

A summary of Original Cost and calculated accumulated depreciation as shown on Schedule B of the Appendix is summarized as follows:

Original Cost	\$ 6,840,000
Less Accumulated Depreciation	<u>1,880,000</u>
Depreciated Original Cost	\$ 4,960,000

Replacement Cost

For purposes of this appraisal, Replacement Cost has not been used. Replacement Cost would allow the cost to replace an asset with some other asset capable of performing the same function, but the cost of the replacement could be substantially different than the asset that is in service and would allow disputes among the parties of what is a legitimate replacement. Furthermore, a replacement asset may not be the same asset that is being transferred.

**SADSBURY TOWNSHIP SANITARY SEWER SYSTEM
FAIR MARKET VALUATION AS OF DECEMBER 31, 2016**

Reproduction Cost

Reproduction Cost is the cost of utility plant stated at a current price level. For purposes of this assessment, a date certain of December 31, 2016 was used. By definition, Reproduction Cost is the cost of replacing the same facilities (in kind) that are being transferred in the sale.

The Reproduction Cost was derived by restating the Original Cost of depreciable utility plant to a current price level as of December 31, 2016. There are several methods of restating costs to a current price level. In this case, Engineering News Record (ENR) cost trend indices were generally used. A cost trend index number measures the relative price as of a stated date. From ENR, the ratio of the index number as of December 31, 2016 to the index number as of the date of service for each asset was calculated and multiplied by the Original Cost to calculate the Reproduction Cost for all utility plants with the exception of collection system mains, based on construction costs of wastewater systems. Cost trend factors are an indication of costs, however, may not be representative of a particular utility.

The CES report states that the footage for mains was determined by reviewing as-built drawings, construction and escrow release records, and other Township records. HRG believes that a representative sample of unit costs taken from similar systems better reflects a more realistic measure of the Reproduction Cost value rather than relying on cost trend factors. The Reproduction Cost for collection system mains was calculated by multiplying the measured feet of main by the current costs developed from other wastewater systems.

Right-of-Way values included in the CES report, in most instances, were shown as \$1 per parcel, however, current Right-of-Way values as shown in Schedule G of the Appendix total approximately \$5.4 million based on the number of square feet of acquired right-of-way. These estimated Reproduction Costs of the Township's Right-of-Way have not been included in the Reproduction Cost approach because the Right-of-Way values are established through a negotiation between the utility and the property owner. Some of the Right-of-Way value may be reflected in the increased value of the property. Annual depreciation and accrued depreciation were calculated by HRG using the same process as used for the Original Cost and using the same service lives that were used in the Original Cost calculation with the exception of annual and accrued depreciation for collection system mains. For collection system

**SADSBURY TOWNSHIP SANITARY SEWER SYSTEM
FAIR MARKET VALUATION AS OF DECEMBER 31, 2016**

mains, annual and accrued depreciation was calculated as a percentage based on the Original Cost calculations.

For purposes of acquisition of the STSSS by PAWC, the Reproduction Cost measure is used as one approach for estimating fair market value. Section 1329 of the Code states “a fair market valuation is not tied to the original cost of construction minus accumulated depreciation.”⁴ HRG used the Reproduction Cost as the measure of the cost approach.

A summary of Reproduction Cost and the calculated accumulated depreciation, as shown on Schedule C of the Appendix is summarized as follows:

Reproduction Cost	\$ 13,940,000
less Accumulated Depreciation	<u>4,260,000</u>
Depreciated Reproduction Cost	9,680,000

MARKET APPROACH

As previously stated, market value is defined as the value established in a public market by exchanges between willing sellers and willing buyers not under duress. Developing a sound basis to determine the market value would require comparisons of comparable systems to establish a true market. Although there have been utility acquisitions in recent years, no two utilities are comparable in that each system is subject to different circumstances.

Utilities are comprised of different treatment facilities, are different ages, are located in different service areas with different terrain characteristics, subject to different physical conditions and are comprised of different customer mixes. All such factors impact the operations, worth and relative appeal to a potential purchaser.

For example, a system that is in a dilapidated condition requiring substantial repairs and upgrades would be less attractive and a buyer would seek a substantial discounted purchase price for such a system over

⁴ *Implementation of Section 1329 of the Public Utility Code*, Docket No. M-2016-2543193 (Tentative Order entered July 21, 2016) (Final Order entered October 27, 2016).

**SADSBURY TOWNSHIP SANITARY SEWER SYSTEM
FAIR MARKET VALUATION AS OF DECEMBER 31, 2016**

a system that is in good repair. Conversely, a system that has potential for growth may command a premium. Due to the difficulty of compiling purchase prices of comparable systems, a comparison of several wastewater system costs were used by HRG to estimate the market value.

Comparison of Other Wastewater System Acquisitions

HRG used a sample of recent municipal wastewater acquisitions to approximate the value on a per existing customer basis and then averaged the findings to develop an average cost of \$11,505 per customer. The average system purchase price was then multiplied by the number of STSSS existing customers, 944. The resulting estimated value based on a cost per customer is \$11,320,000 as shown on Schedule D of the Appendix. The three transactions shown in Schedule D, which were used for this calculation, were performed under Section 1329 of the Pennsylvania Public Utility Code.

As one consideration of Fair Market Valuation, HRG finds a value of: \$ 11,320,000

INCOME APPROACH

HRG used the utility method to develop the income value of the STSSS. The utility method develops a net income (cash flow) based on annual depreciation and return.

Typically, the utility basis is applicable for a regulated utility (investor owned utility) and allows a more equitable recovery of capital costs from customers over time since utility plant has a long useful service life. An investor owned utility has access to equity funds from investors as a source of capital.

In place of principle and interest payments required by municipal systems, investors receive a return on their investment based on the depreciated cost of the utility plant times a fair rate of return.

Cash Flow Present Value Analysis

Earnings value of a property is the present worth of its probable future net earnings, based on expenses, earnings and the business outlook which are discounted to a present day price level. The projection includes a provision for estimated income taxes applicable to regulated wastewater operations that would be incurred by PAWC. Net income after tax has been projected over a twenty year period and was

**SADSBURY TOWNSHIP SANITARY SEWER SYSTEM
FAIR MARKET VALUATION AS OF DECEMBER 31, 2016**

discounted to a present value. Schedule E summarizes the Township's revenues and expenditures for 2015, 2016 and budgeted 2017.

Estimated Rate Base/Rate of Return Present Value Analysis

The present value (present worth) for a regulated utility is a function of the depreciation and return as presented on Schedule F. Years 2017, 2018 and 2019 are based on the cash flow as if the system is operated by the current owner until PAWC files for a general rate increase. Subsequent years from 2020 through 2036 assume a regulated utility basis of depreciation and return.

Annual depreciation has been calculated using estimated service lives for comparable wastewater utility systems. Development of annual accrued depreciation and depreciated cost has been described in the cost approach section of this report. An estimated rate of return on the depreciated cost of 7.5% has been used to calculate return based on PAWC's estimated weighted cost of capital. Available cash as stated is the sum of annual depreciation plus return on the rate base. For purposes of calculating available cash under the utility basis, income taxes are not reflected in the utility approach on Schedule F, because return is calculated after taxes. A discount rate of 7.50% reflects an average rate of return for an investor owned utility.

As one consideration of Fair Market Valuation, HRG finds a value of: \$ 7,780,000

CONCLUSION

As previously stated, HRG developed three approaches to estimate the fair market value of the STSSS based on the requirements of Section 1329 of the Code. The approaches incorporate expectations of future events and assumptions and represent a good faith attempt to develop the fair market value based on information available and informed judgement of wastewater systems.

Each of the approaches incorporates assumptions and no one approach can be assumed to be superior. For this reason, HRG believes that equal weightings should be given to each. A summary of the approaches and HRG's finding of value is presented as follows:

**SADSBURY TOWNSHIP SANITARY SEWER SYSTEM
FAIR MARKET VALUATION AS OF DECEMBER 31, 2016**

Cost Approach	\$ 9,680,000
Market Approach	11,320,000
<u>Income Approach</u>	<u>7,780,000</u>
Average Fair Market Value:	\$ 9,590,000

Based on HRG's analysis and investigations, HRG finds the Fair Market Value for the STSSS as of December 31, 2016 to be: \$ 9,590,000



SUPPORTING SCHEDULES

Supporting Schedules

Schedule A: Certificate of Market Valuation	11
Schedule B: Cost Approach – Original Cost and Accumulated Depreciation	12
Schedule C: Cost Approach – Reproduction Cost and Accumulated Depreciation.....	14
Schedule D: Market Approach – Comparison of Other Wastewater System Acquisitions	16
Schedule E: Detailed Revenues for 2017 and Expenditures for 2015, 2016 and Budgeted 2017	17
Schedule F: Income Approach – Rate Base/Rate of Return Present Value Analysis.....	18
Schedule G: Estimated Reproduction Cost of Rights of Way	19
Schedule H: Future Capital Projects – Next Five Years	23

CERTIFICATE OF MARKET VALUATION

for

Sadsbury Township Sanitary Sewer System

as of

December 31, 2016

Based on analysis, investigations, professional judgement and experience of wastewater valuations and considering several approaches for determining fair market value, HRG finds in their professional opinion that the fair market value of the Sadsbury Township Sanitary Sewer System as of December 31, 2016 is:

\$9,590,000

Sadsbury Township

SCHEDULE: B

Cost Approach

Calculation of Original Cost less Accumulated Depreciation (as of 12/31/2016)

Year	NARUC Account	Asset	Service Life	Age	Original Cost	Annual Depreciation	Accumulated Depreciation	Original Cost less Depreciation
Code 353 - Land and Land Rights								
1999	353	Sadsbury Sewer Corporation	0	17.5	9,625	0	0	9,625
1999	353	Phase 1A - Village of Pomeroy (North)	0	17.5	770	0	0	770
2000	353	Phase 1A - Village of Pomeroy (North)	0	16.5	1	0	0	1
2001	353	Sadsbury Crossing (Carr Subdivision)	0	15.5	0	0	0	0
2002	353	Phase 1B - Village of Pomeroy (South)	0	14.5	3,946	0	0	3,946
2003	353	Phase 3B - Pomeroy Heights (Reel Street)	0	13.5	1	0	0	1
2004	353	Phase 2A - Springview Manor & South Bonsall School Rd.	0	12.5	2	0	0	2
2004	353	Phase 2B - Village of Sadsburyville	0	12.5	4	0	0	4
2004	353	Phase 3A - Pomeroy Heights	0	12.5	0	0	0	0
2004	353	Quarry Ridge	0	12.5	1	0	0	1
2005	353	Phase 2A - Springview Manor & South Bonsall School Rd.	0	11.5	21	0	0	21
2006	353	Phase 2A - Springview Manor & South Bonsall School Rd.	0	10.5	3,948	0	0	3,948
2006	353	Sadsbury Village	0	10.5	1	0	0	1
2008	353	Phase 2B - Village of Sadsburyville	0	8.5	4	0	0	4
2008	353	Phase 3B - Pomeroy Heights (North St. & Stove Pipe Hill Rd.)	0	8.5	3	0	0	3
2008	353	Octorara Glen	0	8.5	1	0	0	1
2010	353	Phase 4 - Valley Road	0	6.5	13	0	0	13
2014	353	Cowan Estates	0	2.5	1	0	0	1
2016	353	Mast Properties	0	0.5	1	0	0	1
Total Land and Land Rights:					18,343	0	0	18,343
Code 354 - Structures and Improvements								
1999	354	Erosion & Sediment Control	25	17.5	1,000	40	700	300
1999	354	Maintenance & Protection of Traffic	2	17.5	2,500	1,250	2,500	0
1999	354	ID-2 Bituminous Wearing Course	15	17.5	200	13	200	0
1999	354	Bituminous Concrete Base Course	25	17.5	600	24	420	180
1999	354	2A Stone	40	17.5	400	10	175	225
1999	354	Sitework	25	17.5	25,000	1,000	17,500	7,500
1999	354	Fence	15	17.5	10,260	684	10,260	0
1999	354	10' Diameter Wet Well	40	17.5	75,000	1,875	32,813	42,188
1999	354	Sewage Waste Grinder	25	17.5	35,000	1,400	24,500	10,500
1999	354	ID-2 Weaing - PennDOT Roadway	15	17.5	200	13	200	0
1999	354	ID-2 Binder - PennDOT Roadway	15	17.5	240	16	240	0
1999	354	BCBC - PennDOT Roadway	15	17.5	600	40	600	0
1999	354	Seeding	15	17.5	1,560	104	1,560	0
Total Structures and Improvements:					152,560	6,470	91,668	60,893
Code 355 - Power Generation Equipment								
1999	355	135 KW Natural Gas Generator	15	17.5	40,000	2,667	40,000	0
Total Power Generation Equipment:					40,000	2,667	40,000	0
Code 360 - Collection Sewers - Force								
1999	360	10" SDR-26 PVC	60	17.5	85,000	1,417	24,792	60,208
1999	360	Concrete Clean-Out Manholes	60	17.5	7,500	125	2,188	5,313
Total Collection Sewers - Force:					92,500	1,542	26,979	65,521
Code 361 - Collection Sewers - Gravity								
1999	361	Sadsbury Sewer Corporation	50	17.5	943,242	18,865	330,135	613,107
1999	361	Quarry Ridge	50	17.5	101,368	2,027	35,479	65,889
2000	361	Phase 1A - Village of Pomeroy (North)	50	16.5	663,225	13,265	218,864	444,361
2001	361	Quarry Ridge	50	15.5	160,441	3,209	49,737	110,704
2002	361	Quarry Ridge	50	14.5	73,450	1,469	21,301	52,150
2005	361	Phase 1B - Village of Pomeroy (South)	50	11.5	191,765	3,835	44,106	147,659
2005	361	Phase 3A - Washington Lane and Lincoln Avenue (Includes F	50	11.5	915,407	18,308	210,544	704,863
2005	361	Phase 3B - South of Washington Lane - North of Conrail/Am	50	11.5	31,691	634	7,289	24,402
2006	361	Sadsbury Village	50	10.5	166,975	3,340	35,065	131,910
2006	361	Octorara Glen	50	10.5	127,869	2,557	26,852	101,017
2007	361	Phase 2A - Village of Sadsburyville (North of Route 30 Bypas	50	9.5	1,241,579	24,832	235,900	1,005,679
2009	361	Phase 2B - Village of Sadsburyville (South of Route 30 Bypas	50	7.5	147,024	2,940	22,054	124,970
2009	361	Phase 3A - Washington Lane Extension	50	7.5	22,554	451	3,383	19,171
2009	361	Phase 3B - South of Washington Lane - North of Conrail/Am	50	7.5	292,804	5,856	43,921	248,883
2011	361	Phase 3A - Waverly Blvd Extension	50	5.5	36,672	733	4,034	32,638

Sadsbury Township

SCHEDULE: B

Cost Approach

Calculation of Original Cost less Accumulated Depreciation (as of 12/31/2016)

Year	NARUC Account	Asset	Service Life	Age	Original Cost	Annual Depreciation	Accumulated Depreciation	Original Cost less Depreciation
2011	361	Phase 4 – Valley Road	50	5.5	429,237	8,585	47,216	382,021
2011	361	Sadsbury Crossing	50	5.5	37,640	753	4,140	33,500
2013	361	Cowan Estates (Capped Sewers)	50	3.5	85,452	1,709	5,982	79,470
Total Collection Sewers - Gravity:					5,668,395	113,368	1,346,000	4,322,395
								23.7%

Code 363 - Services to Customers								
2000	363	Phase 1A – Village of Pomeroy (North)	35	16.5	47,812	1,366	22,540	25,272
2000	363	Quarry Ridge	35	16.5	19,065	545	8,988	10,077
2001	363	Sadsbury Crossing	35	15.5	14,261	407	6,316	7,945
2001	363	Quarry Ridge	35	15.5	35,640	1,018	15,783	19,857
2002	363	Quarry Ridge	35	14.5	24,180	691	10,017	14,163
2004	363	Phase 2B – Village of Sadsburyville (South of Route 30 Bypass)	35	12.5	18,963	542	6,773	12,191
2005	363	Phase 1B – Village of Pomeroy (South)	35	11.5	19,410	555	6,378	13,032
2005	363	Phase 3A – Washington Lane and Lincoln Avenue (Includes F)	35	11.5	127,780	3,651	41,985	85,795
2006	363	Sadsbury Village	35	10.5	87,600	2,503	26,280	61,320
2006	363	Octorara Glen	35	10.5	29,686	848	8,906	20,780
2007	363	Phase 2A – Village of Sadsburyville (North of Route 30 Bypass)	35	9.5	44,007	1,257	11,945	32,062
2007	363	Phase 3B – South of Washington Lane – North of Conrail/Am	35	9.5	4,020	115	1,091	2,929
2009	363	Phase 3A – Washington Lane Extension	35	7.5	560	16	120	440
2009	363	Phase 3B – South of Washington Lane – North of Conrail/Am	35	7.5	28,402	811	6,086	22,316
2011	363	Phase 4 – Valley Road	35	5.5	37,010	1,057	5,816	31,194
2013	363	Cowan Estates	35	3.5	7,920	226	792	7,128
Total Services to Customers:					546,316	15,609	179,815	366,501

Code 364 - Flow Measuring Devices								
1999	364	Meter Pit w/ Flow Meter (Force Main)	10	17.5	25,000	2,500	25,000	0
2015	364	Sigma Open Channel Flow w/ Manhole & Telemetry	10	1.5	73,731	7,373	11,060	62,671
Total Flow Measuring Devices:					98,731	9,873	36,060	62,671

Code 371 - Pumping Equipment								
1999	371	Gorman Rupp T6A3-B Pump Station	25	17.5	225,000	9,000	157,500	67,500
Total Pumping Equipment:					225,000	9,000	157,500	67,500

Subtotal:	6,841,845	158,528	1,878,021	4,963,824
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SUMMARY					
		Original Cost	Annual Depreciation	Accumulated Depreciation	Original Cost less Depreciation
353	Land and Land Rights	18,343	0	0	18,343
354	Structures and Improvements	152,560	6,470	91,668	60,893
355	Power Generation Equipment	40,000	2,667	40,000	0
360	Collection Sewers - Force	92,500	1,542	26,979	65,521
361	Collection Sewers - Gravity	5,668,395	113,368	1,346,000	4,322,395
363	Services to Customers	546,316	15,609	179,815	366,501
364	Flow Measuring Devices	98,731	9,873	36,060	62,671
371	Pumping Equipment	225,000	9,000	157,500	67,500
Total Cost of Assets:		6,841,845	158,528	1,878,021	4,963,824

*Only includes new construction projects.

Sadsbury Township

SCHEDULE: C

Cost Approach

Calculation of Reproduction Cost less Accumulated Depreciation (as of 12/31/2016)

Year	NARUC Account	Asset	Service Life	Age	Original Cost	10385 ENR Index	Trend Factor	Reproduction Cost	Annual Depreciation	Accumulated Depreciation	Reproduction Cost less Depreciation
Code 353 - Land and Land Rights											
1999	353	Sadsbury Sewer Corporation	0	17.5	9,625	6059	1.7140	16,497	0	0	16,497
1999	353	Phase 1A - Village of Pomeroy (North)	0	17.5	770	6059	1.7140	1,320	0	0	1,320
2000	353	Phase 1A - Village of Pomeroy (North)	0	16.5	1	6221	1.6693	2	0	0	2
2001	353	Sadsbury Crossing (Carr Subdivision)	0	15.5	0	6342	1.6375	0	0	0	0
2002	353	Phase 1B - Village of Pomeroy (South)	0	14.5	3,946	6538	1.5884	6,268	0	0	6,268
2003	353	Phase 3B - Pomeroy Heights (Reel Street)	0	13.5	1	6695	1.5513	2	0	0	2
2004	353	Phase 2A - Springview Manor & South Bonsall School Rd	0	12.5	2	7115	1.4596	3	0	0	3
2004	353	Phase 2B - Village of Sadsburyville	0	12.5	4	7115	1.4596	6	0	0	6
2004	353	Phase 3A - Pomeroy Heights	0	12.5	0	7115	1.4596	0	0	0	0
2004	353	Quarry Ridge	0	12.5	1	7115	1.4596	1	0	0	1
2005	353	Phase 2A - Springview Manor & South Bonsall School Rd	0	11.5	21	7446	1.3947	29	0	0	29
2006	353	Phase 2A - Springview Manor & South Bonsall School Rd	0	10.5	3,948	7751	1.3398	5,289	0	0	5,289
2006	353	Sadsbury Village	0	10.5	1	7751	1.3398	1	0	0	1
2008	353	Phase 2B - Village of Sadsburyville	0	8.5	4	8310	1.2497	5	0	0	5
2008	353	Phase 3B - Pomeroy Heights (North St. & Stove Pipe Hill	0	8.5	3	8310	1.2497	4	0	0	4
2008	353	Octorara Glen	0	8.5	1	8310	1.2497	1	0	0	1
2010	353	Phase 4 - Valley Road	0	6.5	13	8799	1.1803	15	0	0	15
2014	353	Cowan Estates	0	2.5	1	9807	1.0590	1	0	0	1
2016	353	Mast Properties	0	0.5	1	10385	1.0000	1	0	0	1
Total Land and Land Rights:					18,343			29,446	0	0	29,446
Code 354 - Structures and Improvements											
1999	354	Erosion & Sediment Control	25	17.5	1,000	6059	1.7140	1,714	69	1,200	514
1999	354	Maintenance & Protection of Traffic	2	17.5	2,500	6059	1.7140	4,285	2,142	4,285	0
1999	354	ID-2 Bituminous Wearing Course	15	17.5	200	6059	1.7140	343	23	343	0
1999	354	Bituminous Concrete Base Course	25	17.5	600	6059	1.7140	1,028	41	720	309
1999	354	2A Stone	40	17.5	400	6059	1.7140	686	17	300	386
1999	354	Sitework	25	17.5	25,000	6059	1.7140	42,849	1,714	29,995	12,855
1999	354	Fence	15	17.5	10,260	6059	1.7140	17,585	1,172	17,585	0
1999	354	10' Diameter Wet Well	40	17.5	75,000	6059	1.7140	128,548	3,214	56,240	72,308
1999	354	Sewage Waste Grinder	25	17.5	35,000	6059	1.7140	59,989	2,400	41,992	17,997
1999	354	ID-2 Weaving - PennDOT Roadway	15	17.5	200	6059	1.7140	343	23	343	0
1999	354	ID-2 Binder - PennDOT Roadway	15	17.5	240	6059	1.7140	411	27	411	0
1999	354	BCBC - PennDOT Roadway	15	17.5	600	6059	1.7140	1,028	69	1,028	0
1999	354	Seeding	15	17.5	1,560	6059	1.7140	2,674	178	2,674	0
Total Structures and Improvements:					152,560			261,485	11,089	157,116	104,368
Code 355 - Power Generation Equipment											
1999	355	135 KW Natural Gas Generator	15	17.5	40,000	6059	1.7140	68,559	4,571	68,559	0
Total Power Generation Equipment:					40,000			68,559	4,571	68,559	0
Code 360 - Collection Sewers - Force											
1999	360	10" SDR-26 PVC	60	17.5	85,000	6059	1.7140	145,688	2,428	42,492	103,196
1999	360	Concrete Clean-Out Manholes	60	17.5	7,500	6059	1.7140	12,855	214	3,749	9,106
Total Collection Sewers - Force:					92,500			158,543	2,642	46,242	112,301
Code 361 - Collection Sewers - Gravity											
1999	361	Sadsbury Sewer Corporation	50	17.5	943,242	6059	1.7140	1,616,697	32,334	565,844	1,050,853
1999	361	Quarry Ridge	50	17.5	101,368	6059	1.7140	173,743	3,475	60,810	112,933
2000	361	Phase 1A - Village of Pomeroy (North)	50	16.5	663,225	6221	1.6693	1,107,122	22,142	365,350	741,772
2001	361	Quarry Ridge	50	15.5	160,441	6342	1.6375	262,718	5,254	81,443	181,275
2002	361	Quarry Ridge	50	14.5	73,450	6538	1.5884	116,668	2,333	33,834	82,835
2005	361	Phase 1B - Village of Pomeroy (South)	50	11.5	191,765	7446	1.3947	267,453	5,349	61,514	205,939
2005	361	Phase 3A - Washington Lane and Lincoln Avenue (Include	50	11.5	915,407	7446	1.3947	1,276,712	25,534	293,644	983,068
2005	361	Phase 3B - South of Washington Lane - North of Conrail/	50	11.5	31,691	7446	1.3947	44,199	884	10,166	34,033
2006	361	Sadsbury Village	50	10.5	166,975	7751	1.3398	223,710	4,474	46,979	176,731
2006	361	Octorara Glen	50	10.5	127,869	7751	1.3398	171,317	3,426	35,977	135,340
2007	361	Phase 2A - Village of Sadsburyville (North of Route 30 B)	50	9.5	1,241,579	7967	1.3035	1,618,401	32,368	307,496	1,310,905
2009	361	Phase 2B - Village of Sadsburyville (South of Route 30 B)	50	7.5	147,024	8570	1.2118	178,160	3,563	26,724	151,436
2009	361	Phase 3A - Washington Lane Extension	50	7.5	22,554	8570	1.2118	27,330	547	4,100	23,231
2009	361	Phase 3B - South of Washington Lane - North of Conrail/	50	7.5	292,804	8570	1.2118	354,812	7,096	53,222	301,590
2011	361	Phase 3A - Waverly Blvd Extension	50	5.5	36,672	9070	1.1450	41,990	840	4,619	37,371
2011	361	Phase 4 - Valley Road	50	5.5	429,237	9070	1.1450	491,478	9,830	54,063	437,416
2011	361	Sadsbury Crossing	50	5.5	37,640	9070	1.1450	43,098	862	4,741	38,357
2013	361	Cowan Estates (Capped Sewers)	50	3.5	85,452	9547	1.0878	92,956	1,859	6,507	86,449
Total Collection Sewers - Gravity:					5,668,395			8,108,565	162,171	2,017,031	6,091,534
											24.875%
Code 363 - Services to Customers											
2000	363	Phase 1A - Village of Pomeroy (North)	35	16.5	47,812	6221	1.6693	79,813	2,280	37,626	42,187
2000	363	Quarry Ridge	35	16.5	19,065	6221	1.6693	31,825	909	15,003	16,822
2001	363	Sadsbury Crossing	35	15.5	14,261	6342	1.6375	23,352	667	10,342	13,010
2001	363	Quarry Ridge	35	15.5	35,640	6342	1.6375	58,360	1,667	25,845	32,515
2002	363	Quarry Ridge	35	14.5	24,180	6538	1.5884	38,408	1,097	15,912	22,496
2004	363	Phase 2B - Village of Sadsburyville (South of Route 30 B)	35	12.5	18,963	7115	1.4596	27,678	791	9,885	17,793

NOTE: A description of additional Collection System Asset Reproduction Costs can be found at the bottom of this schedule.

Sadsbury Township

SCHEDULE: C

Cost Approach

Calculation of Reproduction Cost less Accumulated Depreciation (as of 12/31/2016)

Year	NARUC Account	Asset	Service Life	Age	Original Cost	10385 ENR Index	Trend Factor	Reproduction Cost	Annual Depreciation	Accumulated Depreciation	Reproduction Cost less Depreciation
2005	363	Phase 1B – Village of Pomeroy (South)	35	11.5	19,410	7446	1.3947	27,071	773	8,895	18,176
2005	363	Phase 3A – Washington Lane and Lincoln Avenue (Includ	35	11.5	127,780	7446	1.3947	178,214	5,092	58,556	119,658
2006	363	Sadsbury Village	35	10.5	87,600	7751	1.3398	117,365	3,353	35,210	82,156
2006	363	Octorara Glen	35	10.5	29,686	7751	1.3398	39,773	1,136	11,932	27,841
2007	363	Phase 2A – Village of Sadsburyville (North of Route 30 B'	35	9.5	44,007	7967	1.3035	57,363	1,639	15,570	41,793
2007	363	Phase 3B – South of Washington Lane – North of Conrail/	35	9.5	4,020	7967	1.3035	5,240	150	1,422	3,818
2009	363	Phase 3A – Washington Lane Extension	35	7.5	560	8570	1.2118	679	19	145	533
2009	363	Phase 3B – South of Washington Lane – North of Conrail/	35	7.5	28,402	8570	1.2118	34,417	983	7,375	27,042
2011	363	Phase 4 – Valley Road	35	5.5	37,010	9070	1.1450	42,377	1,211	6,659	35,717
2013	363	Cowan Estates	35	3.5	7,920	9547	1.0878	8,615	246	862	7,754
Total Services to Customers:					546,316			770,549	22,016	261,238	509,310

Code 364 - Flow Measuring Devices											
1999	364	Meter Pit w/ Flow Meter (Force Main)	10	17.5	25,000	6059	1.7140	42,849	4,285	42,849	0
2015	364	Sigma Open Channel Flow w/ Manhole & Telemetry	10	1.5	73,731	10036	1.0348	76,296	7,630	11,444	64,852
Total Flow Measuring Devices:					98,731			119,146	11,915	54,294	64,852

Code 371 - Pumping Equipment											
1999	371	Gorman Rupp T6A3-B Pump Station	25	17.5	225,000	6059	1.7140	385,645	15,426	269,952	115,694
Total Pumping Equipment:					225,000			385,645	15,426	269,952	115,694

Subtotal:					6,841,845			13,943,972	371,423	4,259,569	9,684,403
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SUMMARY											
NARUC Account	Asset	Original Cost	Reproduction Cost	Annual Depreciation	Accumulated Depreciation	Reproduction Cost less Depreciation					
353	Land and Land Rights	18,343	29,446	0	0	29,446					
354	Structures and Improvements	152,560	261,485	11,089	157,116	104,368					
355	Power Generation Equipment	40,000	68,559	4,571	68,559	0					
360	Collection Sewers - Force	92,500	158,543	2,642	46,242	112,301					
361	Collection Sewers - Gravity**	5,668,395	12,150,600	303,765	3,402,168	8,748,432					
363	Services to Customers	546,316	770,549	22,016	261,238	509,310					
364	Flow Measuring Devices	98,731	119,146	11,915	54,294	64,852					
371	Pumping Equipment	225,000	385,645	15,426	269,952	115,694					
Total Cost of Assets:		6,841,845	13,943,972	371,423	4,259,569	9,684,403					

*Only includes new construction projects.

Collection System Mains

Based on a detailed analysis of regional wastewater collection system construction costs, the current estimated unit cost per lineal foot (LF) is approximately \$154. The STSSS consists of approximately 78,900 LF of pipe resulting in a total Reproduction Cost for the entire collection system of \$12,150,600, as shown below:

Estimated Cost per LF	\$154
Approximate LF of STSSS	78,900
Est. Reproduction Cost of the Collection System	\$12,150,600

**Includes calculated Reproduction Cost of the Collection System less the Reproduction Cost of the Force Mains.

Sadsbury Township**SCHEDULE: D****Market Approach***Comparison of Other Wastewater System Acquisitions*

Approx. Date	Buyer	Seller	County	Total Purchase Price	Number of Total Existing Customers	Market Value
May-17	PA American Water	City of McKeesport	Allegheny	\$ 190,130,000	21,953	\$ 8,661
Aug-16	Aqua PA	New Garden Twp. SA	Chester	\$ 29,500,000	2,106	\$ 14,008
Dec-17	Aqua Pennsylvania	Limerick Township	Montgomery	\$ 64,373,000	5,434	\$ 11,846

Average Market Value per Customer: \$ 11,505

Average Market Value per Customer*	\$ 11,505
Number of Sadsbury Existing Customers	984
Estimated Market Value:	\$ 11,320,000

* The three transactions above were performed under Section 1329 of the Pennsylvania Public Utility Code.

Sadsbury Township

SCHEDULE: E

Detailed Revenues for 2017 and Expenditures for 2015, 2016 and Budgeted 2017

	2015	2016	2017
	<u>Actual</u>	<u>Actual</u>	<u>Budgeted</u>
REVENUES			
Interest Income			600
Tapping Fees			-
West Caln Tapping Fee			-
Lateral Inspection			320
Usage Fees			1,008,000
Usage Fees - West Caln Township Billed to PAWC			29,700
Application Fee			-
Capacity Fees			-
Water Meters			1,000
Late Charges			16,200
Interest Charges			300
Sewer Certification			2,000
Miscellaneous Revenue			500
<u>Loan from Capital Reserve Fund</u>			-
TOTAL SEWER REVENUE	\$ -	\$ -	\$ 1,058,620
EXPENDITURES			
<u>Financial Administration Expenses</u>			
Reconciliation Discrepancies	(601)	-	-
Administration/Billing	49,729	44,567	65,600
Professional Fees - Sale of Sewer System	-	-	115,000
PAWC Billing & Collection Fees	534	495	550
Admin. General Fund	-	267	-
Auditor Fees	67,415	51,109	45,000
Banking Fees	3,304	4,660	2,700
Phone - Pump Station	2,310	2,250	2,800
Loan Principal - 1998 Note	47,000	49,000	51,000
Loan Interest -1998 Note	33,982	31,701	29,800
Loan Principal - 2003 Note	187,000	194,000	202,000
Loan Interest - 2003 Note	81,727	73,385	67,800
Loan Principal - 2009 Note	1,000	1,000	1,000
<u>Loan Interest - 2009 Note</u>	<u>5,081</u>	<u>6,542</u>	<u>8,100</u>
<i>Total Financial Administration Expenses:</i>	<i>478,481</i>	<i>458,976</i>	<i>591,350</i>
<u>Construction/Design Expenses</u>			
Application Reviews	-	-	-
Lateral Inspections	2,073	258	400
Reimbursement	(6,284)	1,977	3,100
Engineering - Other	13,072	15,737	17,500
Capital Projects	-	-	85,700
<u>Construction/Design</u>	<u>95,337</u>	<u>-</u>	<u>-</u>
<i>Total Construction/Design Expenses:</i>	<i>104,198</i>	<i>17,971</i>	<i>106,700</i>
<u>Other Expenses</u>			
PAWC - Treatment	475,197	412,695	491,500
Legal - Sewer	10,661	27,771	9,000
Legal Fees Lein	(3,717)	(963)	-
Reimbursement	-	(116)	-
Pump Station Maintenance	21,667	33,483	57,300
Water Meters	2,308	790	1,300
Major Repairs	1,200	-	-
<u>Maintenance - Sewers</u>	<u>-</u>	<u>-</u>	<u>-</u>
<i>Total Other Expenses:</i>	<i>507,317</i>	<i>473,660</i>	<i>559,100</i>
TOTAL SEWER EXPENDITURES	1,089,997	950,607	1,257,150
NET INCOME	\$ (1,089,997)	\$ (950,607)	\$ (198,530)

Sadsbury Township

SCHEDULE: F

Income Approach

Rate Base/Rate of Return Present Value Analysis

Year	Reproduction Cost	Capital Projects [1]	Reproduction Cost with Additions	Annual Depreciation	Accumulated Depreciation	Depreciated Reproduction Cost	Return 7.50%	Cash Flow (Income Approach) [2]	Cash Flow
2017	\$ 13,943,972	\$ 16,500	\$ 13,960,472	\$ -	\$ 4,631,652	\$ -	\$ -	\$ 365,015	\$ 365,015
2018	13,960,472	41,009	14,001,481	-	5,004,555	-	-	458,826	458,826
2019	14,001,481	41,009	14,042,490	-	5,378,278	-	-	467,550	467,550
2020	14,042,490	-	14,042,490	373,723	5,752,002	8,290,489	621,787	-	995,510
2021	14,042,490	-	14,042,490	373,723	6,125,725	7,916,765	593,757	-	967,481
2022	14,042,490	-	14,042,490	373,723	6,499,448	7,543,042	565,728	-	939,451
2023	14,042,490	-	14,042,490	373,723	6,873,171	7,169,319	537,699	-	911,422
2024	14,042,490	-	14,042,490	373,723	7,246,895	6,795,595	509,670	-	883,393
2025	14,042,490	-	14,042,490	373,723	7,620,618	6,421,872	481,640	-	855,364
2026	14,042,490	-	14,042,490	373,723	7,994,341	6,048,149	453,611	-	827,334
2027	14,042,490	-	14,042,490	373,723	8,368,065	5,674,426	425,582	-	799,305
2028	14,042,490	-	14,042,490	373,723	8,741,788	5,300,702	397,553	-	771,276
2029	14,042,490	-	14,042,490	373,723	9,115,511	4,926,979	369,523	-	743,247
2030	14,042,490	-	14,042,490	373,723	9,489,235	4,553,256	341,494	-	715,217
2031	14,042,490	-	14,042,490	373,723	9,862,958	4,179,532	313,465	-	687,188
2032	14,042,490	-	14,042,490	373,723	10,236,681	3,805,809	285,436	-	659,159
2033	14,042,490	-	14,042,490	373,723	10,610,405	3,432,086	257,406	-	631,130
2034	14,042,490	-	14,042,490	373,723	10,984,128	3,058,362	229,377	-	603,100
2035	14,042,490	-	14,042,490	373,723	11,357,851	2,684,639	201,348	-	575,071
2036	14,042,490	-	14,042,490	373,723	11,731,574	2,310,916	173,319	-	547,042

Present Value Discount Rate: 6.75%
Resulting Present Value: \$7,780,000

Assumptions

[1] Based on project listing provided by the Township.

[2] We assume the cash flow projections as if the system is operated by the current owner for years 2017 through 2019 until PAWC files for a general rate increase.

Assumes renewals and replacements offset retirements with no charge to original cost.

Sadsbury Township**SCHEDULE: G****Income Approach***Estimated Reproduction Cost of Rights of Way*

Grantor	Date	Unit	Qty	Original Cost	Est. 2017 Cost per SF	Estimated 2017 Cost
<u>Sadsbury Sewer Corporation</u>						
JYF Partners	8/4/1999	S.F.	12,522.06	\$1.00	\$3.90	\$48,836
Harry & Athena Lymberis	7/30/1999	S.F.	2,557.06	\$1.00	\$3.90	\$9,973
JYF Partners	7/30/1999	S.F.	4,089.60	\$1.00	\$3.90	\$15,949
Lawrence VanDyke & Randa Leamy	9/3/1999	S.F.	3,008.85	\$1.00	\$3.90	\$11,735
Albert Russell Schaible	7/28/1999	S.F.	3,460.09	\$1.00	\$3.90	\$13,494
Albert Russell Schaible	7/28/1999	S.F.	647.13	\$1.00	\$3.90	\$2,524
JYF Partners	7/30/1999	S.F.	11,805.95	\$1.00	\$3.90	\$46,043
Herman & Dorothy Iglesias	9/16/1999	S.F.	881.94	\$1.00	\$3.90	\$3,440
Herman & Dorothy Iglesias	9/16/1999	S.F.	1,845.95	\$1.00	\$3.90	\$7,199
Herman & Dorothy Iglesias	9/16/1999	S.F.	5,631.64	\$1.00	\$3.90	\$21,963
JYF Partners	7/30/1999	S.F.	1,415.51	\$1.00	\$3.90	\$5,520
Sadsbury Associates, L.P.	8/19/1999	S.F.	12,332.35	\$1.00	\$3.90	\$48,096
Frank Wick	8/4/1999	S.F.	12,978.00	\$1.00	\$3.90	\$50,614
Sadsbury Township	9/23/1999	S.F.	52,619.71	\$1.00	\$3.90	\$205,217
AIM Development Corporation	7/28/1999	S.F.	5,660.43	\$1.00	\$3.90	\$22,076
AIM Development Corporation	7/28/1999	S.F.	13,966.58	\$1.00	\$3.90	\$54,470
AIM Development Corporation	7/28/1999	S.F.	15.65	\$1.00	\$3.90	\$61
Cosmos Development Company	9/19/1999	S.F.	862.81	\$1.00	\$3.90	\$3,365
Penguin Industries	7/18/1999	S.F.	2,136.68	\$1.00	\$3.90	\$11,306
Sadsbury Township	9/23/1999	S.F.	762.27	\$1.00	\$3.90	\$11,306
Sadsbury Township	9/23/1999	S.F.	24,468.41	\$1.00	\$3.90	\$95,427
Sadsbury Township	9/23/1999	S.F.	7,565.50	\$1.00	\$3.90	\$31,010
Sadsbury Township	9/23/1999	S.F.	385.78	\$1.00	\$3.90	\$31,010
Sadsbury Township	9/23/1999	S.F.	4,049.81	\$1.00	\$3.90	\$15,794
Sadsbury Township	9/23/1999	S.F.	18,645.19	\$1.00	\$3.90	\$72,716
Ann Beatrice McGrail	7/30/1999	S.F.	28,558.05	\$1.00	\$3.90	\$111,376
Ann Beatrice McGrail	7/30/1999	S.F.	44,318.32	\$1.00	\$3.90	\$172,841
Cignature Hospitality	9/23/1999	S.F.	12,238.00	\$9,600.00	\$3.90	\$47,728

Total Cost for Easements for Sadsbury Sewer Corporation Trunk Lines and Interceptor Phase:				\$9,625.00		\$1,128,774
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Phase 1A – Village of Pomeroy (North)

Elmer, Jr. and Dorothy M. Leamy	11/1/1999	S.F.	3,006	\$1.00	\$3.90	\$11,723
Randy J and Kathy S. McCarraher	9/1/1999	S.F.	1,804	\$1.00	\$3.90	\$7,036
Thomas Rominger	12/11/1999	S.F.	522	\$1.00	\$3.90	\$2,036
Michael J. and Phyllis C. Loftus	12/3/1999	S.F.	3,006	\$1.00	\$3.90	\$11,723
Frank Wolfe	9/13/1999	S.F.	3,125	\$1.00	\$3.90	\$12,188
John D. Warmijak, III	12/11/1999	S.F.	450	\$1.00	\$3.90	\$1,755
Charles F. and Dorothy L. Gay	9/1/1999	S.F.	1,500	\$1.00	\$3.90	\$5,850
Verna E. Friedrich	10/29/1999	S.F.	3,125	\$1.00	\$3.90	\$12,188
Richard F. and Linda E. Arner	9/3/1999	S.F.	1,881	\$1.00	\$3.90	\$7,336
Joseph L. & Terry L. DiSciulio	9/16/1999	S.F.	2,435	\$1.00	\$3.90	\$9,497
Andrew and Leona E. Zvodar	9/9/1999	S.F.	1,522	\$1.00	\$3.90	\$5,936

Sadsbury Township**SCHEDULE: G****Income Approach***Estimated Reproduction Cost of Rights of Way*

Grantor	Date	Unit	Qty	Original Cost	Est. 2017 Cost per SF	Estimated 2017 Cost
Lisa M. Swisher	12/2/1999	S.F.	1,646	\$1.00	\$3.90	\$6,419
Anthony & Susan Liefeld-Tresslet	11/27/1999	S.F.	1,650	\$1.00	\$3.90	\$6,435
Horace W. and Larelda M. Lowery	10/13/1999	S.F.	2,360	\$1.00	\$3.90	\$9,204
Ronald J. and Annette Fischer	10/1/1999	S.F.	2,437	\$1.00	\$3.90	\$9,504
Lawrence and Julia VanDyke	8/23/1999	S.F.	3,345	\$1.00	\$3.90	\$13,046
Andrew O and Verna E. Friedrich	8/23/1999	S.F.	5,250	\$1.00	\$3.90	\$20,475
Robert and Nancy R. Perry	9/9/1999	S.F.	2,147	\$1.00	\$3.90	\$8,373
Pomeroy Partnership	9/16/1999	S.F.	5,912	\$1.00	\$3.90	\$23,057
James W. and Dorothy M. Anderson	12/8/1999	S.F.	8,538	\$751.00	\$3.90	\$33,298
Alton L. and Mae W. Crothers	1/20/2000	S.F.	4,503	\$1.00	\$3.90	\$17,562
Total Cost for Easements for Phase 1 – Village of Pomeroy (North)				\$771.00		\$234,640

Phase 1B – Village of Pomeroy (South)

William C and Michelle C. White	1/3/2002	S.F.	8,171	\$3,946.00	\$3.90	\$31,867
Total Cost for Easements for Phase 1 – Village of Pomeroy (South)				\$3,946.00		\$31,867

Phase 2A – Springview Manor & South Bonsall School Road

Herman & Dorothy Iglesias	7/27/2005	S.F.	26,910	\$1.00	\$3.90	\$104,949
George K. Sr., and Ruth Ann Whisler	7/19/2006	S.F.		\$3,946.00	\$3.90	\$31,867
Eugene J. and Ann M. Lafferty	4/4/2006	S.F.	3,750	\$1.00	\$3.90	\$14,625
George C. and Sandra J. Devine	5/4/2006	S.F.	2,754	\$1.00	\$3.90	\$10,741
Michael H. and Denise D. Gallimore	5/7/2005	S.F.	2,596	\$1.00	\$3.90	\$10,124
William J. and Beverly K Murray	4/25/2005	S.F.	2,692	\$1.00	\$3.90	\$10,499
Stanly M and Catherine E Kryzanasuskas	4/27/2005	S.F.	2,500	\$1.00	\$3.90	\$9,750
Craig M and Teresa A. Pappas	4/21/2005	S.F.	2,500	\$1.00	\$3.90	\$9,750
Anthony and Sherry Romasco	5/12/2005	S.F.	2,500	\$1.00	\$3.90	\$9,750
Lark and Theresa Kemper	5/12/2005	S.F.	2,500	\$1.00	\$3.90	\$9,750
Robert and Emily Harkins	11/21/2005	S.F.	401	\$1.00	\$3.90	\$1,564
Frank Geissler	12/15/2004	S.F.	11,643	\$1.00	\$3.90	\$45,408
Scott Longacre and Patricia Lynn Chambers	5/12/2005	S.F.	2,906	\$1.00	\$3.90	\$11,333
Joseph M, III and Deborah A. Matoni	5/6/2005	S.F.	2,405	\$1.00	\$3.90	\$9,380
Kenneth Allen & Cheryl Ann Davis	4/29/2005	S.F.	400	\$1.00	\$3.90	\$1,560
Harry R Firestone	5/11/2005	S.F.	400	\$1.00	\$3.90	\$1,560
John Trego, Sr.	11/15/2005	S.F.	2,500	\$1.00	\$3.90	\$9,750
H. Brooke Luey	5/12/2005	S.F.	2,506	\$1.00	\$3.90	\$9,773
Franz Geissler	12/15/2004	S.F.	9,176	\$1.00	\$3.90	\$35,786
Richard A and Rose A. Whitman	5/11/2005	S.F.	6,299	\$1.00	\$3.90	\$24,566
Bonnie L. and James A. Grannells	5/3/2005	S.F.	3,891	\$1.00	\$3.90	\$15,175
Thomas J. Stoltzfus	5/4/2005	S.F.	5,257	\$1.00	\$3.90	\$20,502
Bessie M. Johnson	5/12/2005	S.F.	7,327	\$1.00	\$3.90	\$28,575
James G and Jane D. Roper	5/2/2005	S.F.	9,657	\$1.00	\$3.90	\$37,662
Charles L. Witherspoon	5/3/2005	S.F.	12,314	\$1.00	\$3.90	\$48,025
Thomas D. and Patricia J. Hines	5/2/2005	S.F.	5,294	\$1.00	\$3.90	\$20,647

Sadsbury Township**SCHEDULE: G****Income Approach***Estimated Reproduction Cost of Rights of Way*

Grantor	Date	Unit	Qty	Original Cost	Est. 2017 Cost per SF	Estimated 2017 Cost
Total Cost for Easements for Phase 2A – Springview Manor & South Bonsall School Road				\$3,971.00		\$543,071

Phase 2B – Village of Sadsburyville

John H Lymberis and Fotios & Yiota L. Petropoulos	6/15/2004	S.F.	8,291	\$1.00	\$3.90	\$32,335
Sadsbury Associates, L.P.	6/22/2004	S.F.	637,891	\$1.00	\$3.90	\$2,487,775
Sadsburyville Volunteer Fire Company	12/22/2004	S.F.	4,620	\$1.00	\$3.90	\$18,018
Sadsburyville Volunteer Fire Company	12/28/2004	S.F.	6,129	\$1.00	\$3.90	\$23,903
John H Lymberis	7/1/2008	S.F.	3,324	\$1.00	\$3.90	\$12,964
Thomas R. and Nancy J. Greenfield	6/10/2008	S.F.	1,820	\$1.00	\$3.90	\$7,098
Christopher G. and Heather A. Hershey	6/10/2008	S.F.	1,114	\$1.00	\$3.90	\$4,345
John W. and Kathleen A. Coldren	5/29/2008	S.F.	1,731	\$1.00	\$3.90	\$6,751
Total Cost for Easements for Phase 2B – Village of Sadsburyville				\$8.00		\$2,593,188

Phase 3A – Pomeroy Heights (Washington Lane & Lincoln Avenue)

Charles N Burnett, Jr. and Michael R. Short	Dec-04	S.F.	5,400 +/-	\$0.00	\$3.90	\$21,060
Angela M Martin	Dec-04	S.F.	1,875 +/-	\$0.00	\$3.90	\$7,313
Bakari & Jennifer L Green	Dec-04	S.F.	1,875 +/-	\$0.00	\$3.90	\$7,313
Total Cost for Easements for Phase 3 – Pomeroy Heights – Washington Lane & Lincoln Avenue				\$0.00		\$35,685

Phase 3B – Pomeroy Heights (Reel Street)

Cosmos Development Company	2/5/2003	S.F.	3,062	\$1.00	\$3.90	\$11,942
Total Cost for Easements for Phase 3B – Pomeroy Heights – Reel Street				\$1.00		\$11,942

Phase 3B – Pomeroy Heights (North Street & Stove Pipe Hill Road)

Raymond Jr. & Camilla A. Berkey	7/24/2008	S.F.	355	\$1.00	\$3.90	\$1,385
Harmun Development	9/19/2008	S.F.	1,550	\$1.00	\$3.90	\$6,045
Eric J. Marcella	9/29/2008	S.F.	474	\$1.00	\$3.90	\$1,849
Total Cost for Easements for Phase 3B – Pomeroy Heights – North Street & Stove Pipe Hill Road				\$3.00		\$9,278

Phase 4 – Valley Road

Ann B. McGrail	4/7/2010	S.F.	7,348	\$1.00	\$3.90	\$28,657
Zouhong Yin & Xiquin Quin	4/7/2010	S.F.	16,588	\$1.00	\$3.90	\$64,693
Steven and Rosemarie Crandall	8/2/2010	S.F.	21,015	\$1.00	\$3.90	\$81,959
Ralph T. & Betty J. Garris	3/14/2010	S.F.	2,074	\$1.00	\$3.90	\$8,089
Ralph T. & Betty J. Garris	3/14/2010	S.F.	3,001	\$1.00	\$3.90	\$11,704

Sadsbury Township**SCHEDULE: G****Income Approach***Estimated Reproduction Cost of Rights of Way*

Grantor	Date	Unit	Qty	Original Cost	Est. 2017 Cost per SF	Estimated 2017 Cost
Ralph T. & Betty J. Garris	3/14/2010	S.F.	215	\$1.00	\$3.90	\$839
Ralph T. & Betty J. Garris	3/14/2010	S.F.	4,643	\$1.00	\$3.90	\$18,108
Michael F. and Aliah M. Kinney	1/29/2010	S.F.	1,250	\$1.00	\$3.90	\$4,875
Wilbur N. and Alice V. Marsh	1/19/2010	S.F.	2,500	\$1.00	\$3.90	\$9,750
Christopher and Kathleen Bowser	7/27/2010	S.F.	2,840	\$1.00	\$3.90	\$11,076
Robert P. & Victoria G. Nunemaker	4/29/2010	S.F.	1,878	\$1.00	\$3.90	\$7,324
Lynn J. Hannaway	1/15/2010	S.F.	12,557	\$1.00	\$3.90	\$48,972
Valley East Properties, LLC	3/12/2010	S.F.	23,212	\$1.00	\$3.90	\$90,527
Total Cost for Easements for Phase 4 – Valley Road				\$13.00		\$386,572

Quarry Ridge

Cosmos Development Company	12/7/2004	S.F.	23,122	\$1.00	\$3.90	\$90,176
Total Cost for Easements for Quarry Ridge				\$1.00		\$90,176

Sadsbury Village

Sadsbury Associates, L.P.	9/19/2006	S.F.	38,323	\$1.00	\$3.90	\$149,460
Total Cost for Easements for Sadsbury Village				\$1.00		\$149,460

Octorara Glen

Octorara Glen Community Assoc.	10/7/2008	S.F.	6,036	\$1.00	\$3.90	\$23,540
Total Cost for Easements for Octorara Glen				\$1.00		\$23,540

Cowan Estates

Cosmos Properties, L.P.	10/24/2014	S.F.	31,886	\$1.00	\$3.90	\$124,355
Total Cost for Easements for Cowan Estates				\$1.00		\$124,355

Estimated Total Reproduction Cost of Rights of Way:	\$5,362,548
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Sadsbury Township

SCHEDULE: H

Future Capital Projects - Next 5 Years

Project	2017	2018	2019	2020	2021	Total
Replacement of Pumps at Stottsville Pumping Station	\$ 16,500	\$ -	\$ -	\$ -	\$ -	\$ 16,500
Cowan Estates	-	41,009	41,009	-	-	\$ 82,018
Totals:	\$ 16,500	\$ 41,009	\$ 41,009	\$ -	\$ -	\$ 98,518



EXHIBIT 1

**ENGINEER'S ASSESSMENT – LIST OF ASSETS
AND ORIGINAL COSTS**

Exhibit 1

Assets Inventory

Consulting Engineers & Surveyors, Inc.

Original Cost Tabulation

**SADSBURY TOWNSHIP
CHESTER COUNTY, PA**

SANITARY SEWER SYSTEM

**ASSESSMENT OF TANGIBLE ASSETS
PURSUANT TO
PUC CODE §1329(A)(4)**

**JANUARY 30, 2017
REVISED FEBRUARY 14, 2017**

PREPARED FOR THE

**BOARD OF SUPERVISORS
SADSBURY TOWNSHIP
2920 LINCOLN HIGHWAY
P.O. Box 261
SADSBURYVILLE, PA 19369**

&

**PENNSYLVANIA AMERICAN WATER COMPANY
100 CHESHIRE COURT, SUITE 104
COATESVILLE, PA 19320**

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CHESTER COUNTY, PA**

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PREPARED BY

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CHESTER COUNTY, PA**

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TABLE OF CONTENTS

SECTION 1

EXECUTIVE SUMMARY

BACKGROUND	1-1
OVERVIEW OF TOWNSHIP FACILITIES	1-2
OVERVIEW OF STUDY TECHNIQUES	1-6
SUMMARY OF ORIGINAL COST	1-8

SECTION 2

ORIGINAL COST

SUMMARY NON-DEPRECIABLE PLANT	2-1
SUMMARY DEPRECIABLE PLANT	2-2
ACCOUNT 353 – LAND/LAND RIGHTS	2-3
ACCOUNT 354 – STRUCTURES	2-13
ACCOUNT 355 – POWER GENERATING EQUIPMENT	2-14
ACCOUNT 360 – COLLECTION MAINS & ACCESSORIES – FORCE	2-14
ACCOUNT 361 – COLLECTION MAINS & ACCESSORIES – GRAVITY	2-15
ACCOUNT 363 – SERVICES	2-26
ACCOUNT 363 – FLOW METERS	2-31
ACCOUNT 371 – PUMPING EQUIPMENT	2-31

APPENDIX A	EASEMENTS & RIGHTS-OF-WAY
APPENDIX B	PAYMENT RELEASE CERTIFICATES AND ESTIMATES
APPENDIX C	COST ESTIMATES FOR SEWERS NOT YET DEDICATED
APPENDIX D	AMTRAK LICENSE AGREEMENT – SSC SEWER CROSSING MILEPOST 42.8
APPENDIX E	AMTRAK LICENSE AGREEMENT – PHASE 3B NORTH STREET
APPENDIX F	CURRICULUM VITAE FOR JAMES W. MAC COMBIE, P.E., P.L.S.
APPENDIX G	PROPERTIES WITH TAPPING FEES PAID BUT NOT CONNECTED
APPENDIX H	SADSBURY TOWNSHIP MAP OF SANITARY SEWERS SADSBURY SEWER SERVICE AREA MAP
APPENDIX I	SADSBURY TOWNSHIP CUSTOMER ACCOUNT SPREADSHEET

SECTION 1

EXECUTIVE SUMMARY
FOR THE

SANITARY SEWER SYSTEM

ASSESSMENT OF TANGIBLE ASSETS
PURSUANT TO
PUC CODE §1329(A)(4)

BACKGROUND

Sadsbury Township (“Township”) provides sanitary sewer service to customers located in a portion of Sadsbury Township, Chester County, Pennsylvania. The Township began providing sanitary sewer service to residents and business of the Township in 1999 after the construction of a sanitary sewer collection and conveyance trunk line through the eastern portion of the Township. Sadsbury Township’s population as determined by the 2010 census was 3,570 residents. The population was estimated at 3,729 residents in 2015 by the Delaware Valley Regional Planning Commission’s “*Regional and County Population Forecast 2015-2040.*” Based upon the latest records used for billing the Sadsbury Sanitary Sewer System has a total of 998 customers. Included in that number are 14 residences, which are not connected to the system but have sewer available to them. Sadsbury Township has Nine Hundred and Forty-Eight (948) residential customers, of which 240 are on private wells. Sadsbury Township has Forty-Eight (48) commercial customers, of which 11 are on private wells. One of the commercial customers on a private well is the Lincoln Crest Mobile Home Park. There are two customers on the Township billing records, which were not classified as either commercial or residential.

The Township and Pennsylvania American Water Company (“PAWC”) have commissioned a study to develop an assessment of Tangible Assets including, but not limited to the following:

- An inventory of the used and useful utility plant assets, compiled by year and account.
- Separately identify any utility plant that is being held for future use.
- A list of all non-depreciable property, such as land and rights-of-way.

The inventory was developed from available records, maps, work orders, debt issue closing documents for the funding of construction projects, and other sources to ensure an accurate listing of utility plant inventory by utility account. The results of the study are set forth herein.

OVERVIEW OF SADBURY TOWNSHIP SANITARY SEWER FACILITIES

The Sadsbury Township Sanitary Sewer System is comprised of the service area within the Township. In order to make the implementation of sanitary sewer service more economically feasible to the residents the 1998 Act 537 revision to the Official Sewage Facilities Plan for Sadsbury Township presented a phased approach consisting of four phased areas with several sub-phases. The four phases included:

1. Pomeroy Area

Phase 1A Completed December 2000
The area North of Valley Road, South of the Amtrak/Conrail Railroad from Buck Run East to the Township Line.

Phase 1B Completed August 2005
The area South of Valley Road from Buck Run East to the Township Line.

2. Sadsburyville Area

Phase 2A Completed December 2007
The area North of the U.S. Route 30 Bypass, East to the Township Line.

Phase 2B Completed December 2004 & July 2009
The area South of the U.S. Route 30 Bypass to a point South of Business Route 30, from Morris Lane West to Octorara Road.

3. Pomeroy Heights Area

Phase 3A Completed August 2005
The area including Washington Lane, Lincoln Avenue and those properties along Old Wilmington Road North of Washington Lane to a point just North of Lincoln Avenue.

Phase 3B Completed July 2009
The area South of Washington Lane extending to the North side of the Amtrak/Conrail Railroad, West to Old Wilmington Road.

4. Area West of Pomeroy

Phase 4 Completed September 2011
West of Buck Run in close proximity to Valley Road west to
Shamrock Drive.

The connection of the four phased areas was made possible by the construction of Sadsbury Sewer Corporation (SSC) Collection and Conveyance System, Main Interceptor, Pump Station and Force Main. SSC was a private group of investors formed to develop a sewer collection system to serve a number of large properties East of the Buck Run. After much deliberation between the representatives of SSC and Sadsbury Township, the alignment of the SSC Collection and Conveyance System, Main Interceptor, Pump Station and Force Main was determined. The SSC collection and conveyance system consisted of two trunk lines. The Easterly trunk provides sewer service to an area comprised predominantly of industrial lands primarily in the easterly portion of the Township. The line generally runs south along Old Wilmington Road and Southwesterly along Quarry Road. The Westerly trunk line provides sewer service to the Sadsburyville area and runs southwesterly along the East side of the Buck Run. The two trunk lines are connected to the Main Interceptor, which generally follows the Buck Run beginning in the vicinity of the intersection of Greenbelt Drive and Quarry Road. The interceptor extends southward, crossing under the Amtrak/Conrail Railroad tracks into the Bert Reel Park. The line continues through the park turning east towards Old Wilmington Road then continuing south generally along Old Wilmington Road and Valley Road through easements. The interceptor crosses Valley Road near Timicula Road and connects with the Main Pump Station along the southwesterly side of Timicula Road south of Valley Road. The Main Pump Station situated known as the "Stottsville Pump Station" has two alternating pumps with a rated capacity of 700 GPM each.. From the pump station, a force main extends northeasterly through easements and within road rights-of-way to the discharge point in the Pennsylvania American Parkesburg Interceptor at a gravity manhole located within the cartway of Valley Road near Newport Road. An additional gravity sewer is located along Olive Alley and Penn Street and is connected to a Pennsylvania American trunk line within Valley Road just east of the Sadsbury Township–Valley Township Boundary Line. Sewage generated from the Sadsbury Township Sewer Service Area is treated at the Pennsylvania American Water Coatesville Wastewater Treatment Plant.

In addition to the four phases of the service area completed by the Township to serve the existing residences, several residential developments have been completed and sanitary sewers dedicated to the Township. They include:

1. Lincoln Crest The Lincoln Crest development contains approximately 125 units, which are largely mobile homes. The development is located along the northerly side of Business Route 30 west of Old Wilmington Road in the Sadsburyville portion of the service area. The collection system is private with a single point of entry to the westerly SSC trunk line along the northerly side of Business Route 30.
2. Quarry Ridge The Quarry Ridge Development contains approximately 158 detached single family homes and is located along the westerly side of Old Wilmington Road and the southerly side of Quarry Road. The development has a gravity sewer system which connects to the easterly SSC trunk line within the cartway of Quarry Road.
3. Sadsbury Village The Sadsbury Village Development contains approximately 146 attached townhouses and is located along the southerly side of Business Route 30 west of Old Wilmington Road in the Sadsburyville section of the Township. The development has a gravity sewer system which connects to the westerly SSC trunk line through easements to the west of the development.
4. Octorara Glen The Octorara Glen Development contains approximately 43 detached single family homes and is located on the southeasterly side of Octorara Road north of the Buck Run. The development has a gravity sewer system which connects to the westerly SSC trunk line through easements to the east.
5. Sadsbury Park The Sadsbury Park Development is a multi-phased subdivision and land development currently under construction in the Township. The Development contains a mix of housing types, including detached single family homes and townhouses. The development has been partially completed with 30 detached single family homes and 63 townhouse units of the total 445 approved units. The extensive gravity sewer system has not yet been completed or accepted by the Township. The system drains through easement to the easterly SSC trunk line.

6. Sadsbury Crossing The Sadsbury Crossing Development contains approximately 19 detached single family homes and is located in the southwestern portion of the Township. The development has gravity sewer service which is connected to the Pennsylvania American system through easements to the Borough of Parkesburg collection system.

The flow generated from several commercial and industrial developments is collected in sanitary sewer lines not yet dedicated to the Township. Flow generated from the Bellaire Industrial Park located in the eastern portion of the Township south of Business Route 30 and west of Washington Lane containing approximately 10 commercial and industrial facilities and flows westerly towards Old Wilmington Road from the Industrial Park into the Easterly SSC trunk line. Flow generated from the five (5) light industrial and commercial sites within the Morris Farm Industrial Park is collected in a sanitary sewer system which is not dedicated to the Township and flows south across Business Route 30 into the Bellaire Industrial park system.

The Cowan Estates Development located along the southerly side of Business Route 30 has a capped sewer system. Although the improvements have been dedicated to the Township, the system has not yet been connected to the public sewer conveyance line.

OVERVIEW OF THE STUDY TECHNIQUES

The study of the original cost of the Township's assets was conducted by completing an inventory of utility plant assets based on the approved final payment requisitions, construction records and other documentation and sources. The records documented the sizes, types and lengths of pipelines and the sizes, types, and quantities of accessories installed. Once the inventory was compiled, based upon the construction phases, the original cost to install the assets was tabulated.

For the purpose of the study asset inventory was prepared to conform to the Uniform System of Accounts for Wastewater Utilities, as prescribed by the National Association of Regulatory Utility Commissioners. Detailed results of the inventory have been tabulated and recorded in the following accounts, as appropriate:

<u>Account No.</u>	<u>Account Title</u>
<u>Non Depreciable Plant</u>	
353	Land / Land Rights
<u>Depreciable Plant</u>	
354	Structures
355	Power Generating Equipment
360	Collection Mains & Accessories – Force
361	Collection Mains & Accessories – Gravity
363	Services
364	Flow Meters
371	Pumping Equipment
390	Office Furniture & Equipment
391	Transportation Equipment
395	Power Operated Equipment

For the purpose of this study “mass” property consists of Force Mains and accessories (Account 360), Gravity Mains and Accessories (Account 361), Lateral Services and Accessories installed by the Township during the original construction (Account 363) and Flow Meters (Account 364). For Accounts 360 and 361, footages of pipe, by size and type, were determined by reviewing as-built drawings, construction and escrow release records, as well as the Township’s annual reports and records. For Account 363, services were installed during the construction of the mains within the Rights-of-Way or Easements.

An inventory of the Stottsville Pump Station was recorded to determine “non-mass” assets and recorded in the appropriate accounts listed above. The Township does not separate asset allocation for Office Furniture and Equipment (Account 390), Transportation Equipment (Account 391), and Power Equipment (Account 395). For the purpose of this study no assets were inventoried in those accounts.

The study does not include any customer sewer laterals from the edge of the rights-of-Way or easements to the individual residences or businesses, any piping or internal fixtures at each of the individual customer’s residences or businesses or any meters in individual customer’s residences or business who are not provided public water.

SUMMARY OF ORIGINAL COST

The results of the original cost study established that the original costs of the Township's tangible assets for the Sanitary Sewer System in service as of December 31, 2016 are \$6,841,008.00, as summarized below:

<u>Account No.</u>	<u>Account Title</u>	<u>Original Cost</u>
<u>Non Depreciable Plant</u>		
353	Land / Land Rights	\$ 18,343.00
<u>Depreciable Plant</u>		
354	Structures	\$ 152,560.00
355	Power Generating Equipment	\$ 40,000.00
360	Collection Mains & Accessories – Force	\$ 92,500.00
361	Collection Mains & Accessories – Gravity	\$5,668,395.00
363	Services	\$ 546,316.00
364	Flow Meters	\$ 98,731.00
371	Pumping Equipment	\$ 225,000.00
390	Office Furniture & Equipment	\$ 0.00
391	Transportation Equipment	\$ 0.00
395	Power Operated Equipment	\$ 0.00

Additional detail for each account is provided in Section 2

There are three sewer service areas where sewer have been constructed but not yet dedicated. They include Bellaire Business Center, Morris Farm, and Sadsbury Park. The original costs of the tangible assets for the Sanitary Sewer System not yet dedicated as of December 31, 2016 are \$638,756.00, as summarized below:

361	Collection Mains & Accessories – Gravity	\$ 584,547.00
363	Services	\$ 54,209.00

Additional detail for each account is provided in Appendix C

SECTION 2

ORIGINAL COST TABULATION
FOR THE

SANITARY SEWER SYSTEM

ASSESSMENT OF TANGIBLE ASSETS
PURSUANT TO
PUC CODE §1329(A)(4)

<u>Account No.</u>	<u>Account Title</u>	<u>Original Cost</u>
<u>Non Depreciable Plant</u>		
353	Land / Land Rights	
	1.0 Sadsbury Sewer Corporation	\$ 9,625.00
	2.0 Phase 1A	\$ 21.00
	3.0 Phase 1B	\$ 1.00
	4.0 Phase 2A	\$ 26.00
	5.0 Phase 2B	\$ 8.00
	6.0 Phase 3A	\$ 0.00
	7.0 Phase 3B	\$ 4.00
	8.0 Phase 4	\$ 13.00
	9.0 Sadsbury Crossing	\$ 0.00
	10.0 Quarry Ridge	\$ 1.00
	11.0 Sadsbury Village	\$ 1.00
	12.0 Octorara Glen	\$ 1.00
	13.0 Cowan Estates	\$ 1.00
	14.0 Mast Properties	\$ 1.00
	Total Non Depreciable Plant	<u>\$ 18,343.00</u>

Depreciable Plant

354	Structures	
	1.0	SSC - Stottsville Pump Station \$ 152,560.00
355	Power Generating Equipment	
	1.0	SSC - Stottsville Pump Station \$ 40,000.00
360	Collection Mains & Accessories – Force	
	1.0	Sadsbury Sewer Corporation \$ 92,500.00
361	Collection Mains & Accessories – Gravity	
	1.0	Sadsbury Sewer Corporation \$ 943,242.00
	2.0	Phase 1A \$ 663,225.00
	3.0	Phase 1B \$ 191,765.00
	4.0	Phase 2A \$1,241,579.00
	5.0	Phase 2B \$ 147,024.00
	6.0	Phase 3A \$ 974,633.00
	7.0	Phase 3B \$ 324,495.00
	8.0	Phase 4 \$ 429,237.00
	9.0	Sadsbury Crossing \$ 37,640.00
	10.0	Quarry Ridge \$ 335,259.00
	11.0	Sadsbury Village \$ 166,975.00
	12.0	Octorara Glen \$ 127,869.00
	13.0	Cowan Estates \$ 85,452.00
363	Services	
	2.0	Phase 1A \$ 47,812.00
	3.0	Phase 1B \$ 19,410.00
	4.0	Phase 2A \$ 44,007.00
	5.0	Phase 2B \$ 18,963.00
	6.0	Phase 3A \$ 128,340.00
	7.0	Phase 3B \$ 32,422.00
	8.0	Phase 4 \$ 37,010.00
	9.0	Sadsbury Crossing \$ 14,261.00
	10.0	Quarry Ridge \$ 78,885.00
	11.0	Sadsbury Village \$ 87,600.00
	12.0	Octorara Glen \$ 29,686.00
	13.0	Cowan Estates \$ 7,920.00
364	Flow Meters	
	1.0	Stottsville Pump Station \$ 98,731.00
371	Pumping Equipment	
	1.0	Stottsville Pump Station \$ 225,000.00
390	Office Furniture & Equipment	\$ 0.00
391	Transportation Equipment	\$ 0.00
395	Power Operated Equipment	\$ 0.00
	Total Depreciable Plant	<u>\$6,823,502.00</u>
	Total Plant	\$6,841,845.00

**SADSBURY TOWNSHIP
SANITARY SEWER SYSTEM**

ACCOUNT 353 – LAND / LAND RIGHTS

ORIGINAL COST AS OF DECEMBER 31, 2016

EASEMENTS

SADSBURY SEWER CORPORATION

GRANTOR	DATE	UNIT	QTY	ORIGINAL COST
JYF PARTNERS UPI 37-2Q-2	8/4/1999	S.F.	12,522.06	\$1.00
HARRY & ATHENA LYMBERIS UPI 37-2-42	7/30/1999	S.F.	2,557.06	\$1.00
JYF PARTNERS UPI 37-2-43	7/30/1999	S.F.	4,089.60	\$1.00
LAWRENCE VANDYKE & RANDA LEAMY UPI 37-2-45.2	9/3/1999	S.F.	3,008.85	\$1.00
ALBERT RUSSELL SCHAIBLE UPI 37-2-45	7/28/1999	S.F.	3,460.09	\$1.00
ALBERT RUSSELL SCHAIBLE UPI 37-2-46	7/28/1999	S.F.	647.13	\$1.00
JYF PARTNERS UPI 37-2-47	7/30/1999	S.F.	11,805.95	\$1.00
HERMAN & DOROTHY IGLESIAS UPI 37-2-48	9/16/1999	S.F.	881.94	\$1.00
HERMAN & DOROTHY IGLESIAS UPI 37-2-50.2	9/16/1999	S.F.	1,845.95	\$1.00
HERMAN & DOROTHY IGLESIAS UPI 37-2-49	9/16/1999	S.F.	5,631.64	\$1.00
JYF PARTNERS UPI 37-2-50.1	7/30/1999	S.F.	1,415.51	\$1.00
SADSBURY ASSOCIATES, L.P. UPI 37-4-40	8/19/1999	S.F.	12,332.35	\$1.00
FRANK WICK UPI 37-4-39.1	8/4/1999	S.F.	12,978.00	\$1.00
SADSBURY TOWNSHIP UPI 37-4-37.1E	9/23/1999	S.F.	52,619.71	\$1.00
AIM DEVELOPMENT CORPORATION UPI 37-4-56	7/28/1999	S.F.	5,660.43	\$1.00

GRANTOR	DATE	UNIT	QTY	ORIGINAL COST
AIM DEVELOPMENT CORPORATION UPI 37-4-41	7/28/1999	S.F.	13,966.58	\$1.00
AIM DEVELOPMENT CORPORATION UPI 37-4-46	7/28/1999	S.F.	15.65	\$1.00
COSMOS DEVELOPMENT COMPANY UPI37-2-53	9/19/1999	S.F.	862.81	\$1.00
PENGUIN INDUSTRIES UPI 37-4-44E	7/18/1999	S.F.	2,136.68 762.27	\$1.00
SADSBURY TOWNSHIP UPI 37-4-44.1E	9/23/1999	S.F.	24,468.41	\$1.00
SADSBURY TOWNSHIP UPI 37-4-42E	9/23/1999	S.F.	7,565.50 385.78	\$1.00
SADSBURY TOWNSHIP UPI 37-4-43E	9/23/1999	S.F.	4,049.81	\$1.00
SADSBURY TOWNSHIP UPI 37-4-94E	9/23/1999	S.F.	18,645.19	\$1.00
ANN BEATRICE MCGRAIL UPI 37-4-69	7/30/1999	S.F.	28,558.05	\$1.00
ANN BEATRICE MCGRAIL UPI 37-4-101	7/30/1999	S.F.	44,318.32	\$1.00
CIGNATURE HOSPITALITY UPI 37-4-121	9/23/1999	S.F.	12,238.00	\$9,600.00
TOTAL COST FOR EASEMENTS FOR SADSBURY SEWER CORPORATION TRUNK LINES AND INTERCEPTOR PHASE				\$9,625.00

PHASE 1A – VILLAGE OF POMEROY (NORTH)

GRANTOR	DATE	UNIT	QTY	ORIGINAL COST
ELMER, JR. AND DOROTHY M. LEAMY UPI 37-4M-21	11/1/1999	S.F.	3,006	\$1.00
RANDY J AND KATHY S. MCCARRAHER UPI 37-4M-26	9/1/1999	S.F.	1,804	\$1.00
THOMAS ROMINGER UPI37-4M-31	12/11/1999	S.F.	522	\$1.00
MICHAEL J. AND PHYLLIS C. LOFTUS UPI 37-4M-36 & 37-4M-36.1	12/3/1999	S.F.	3,006	\$1.00
FRANK WOLFE UPI 37-4M-37	9/13/1999	S.F.	3,125	\$1.00
JOHN D. WARMIJAK, III UPI 37-4M-40	12/11/1999	S.F.	450	\$1.00
CHARLES F. AND DOROTHY L. GAY UPI 37-4M-44 & 37-4M-44.1	9/1/1999	S.F.	1,500	\$1.00
VERNA E. FRIEDRICH UPI 37-4H-69	10/29/1999	S.F.	3,125	\$1.00
RICHARD F. AND LINDA E. ARNER UPI 37-4M-49	9/3/1999	S.F.	1,881	\$1.00
JOSEPH L. & TERRY L. DISCIULIO UPI 37-4-101	9/16/1999	S.F.	2,435	\$1.00
ANDREW AND LEONA E. ZVODAR UPI 37-4H-70	9/9/1999	S.F.	1,522	\$1.00
LISA M. SWISHER UPI 37-4L-36	12/2/1999	S.F.	1,646	\$1.00
ANTHONY & SUSAN LIEFIELD-TRESSLET UPI 37-4L-37	11/27/1999	S.F.	1,650	\$1.00
HORACE W. AND LARELDA M. LOWERY UPI 37-4L-41	10/13/1999	S.F.	2,360	\$1.00
RONALD J. AND ANNETTE FISCHER UPI 37-4L-53	10/1/1999	S.F.	2,437	\$1.00
LAWRENCE AND JULIA VANDYKE UPI 37-4L-11	8/23/1999	S.F.	3,345	\$1.00
ANDREW O AND VERNA E. FRIEDRICH UPI 37-4M-45	8/23/1999	S.F.	5,250	\$1.00
ROBERT AND NANCY R. PERRY UPI 37-4M-54	9/9/1999	S.F.	2,147	\$1.00
POMEROY PARTNERSHIP UPI 37-4L-50	9/16/1999	S.F.	5,912	\$1.00

GRANTOR	DATE	UNIT	QTY	ORIGINAL COST
JAMES W. AND DOROTHY M. ANDERSON UPI 37-4L-62.1 \$1.00 + 15' OF LATERAL	12/8/1999	S.F.	8,538	\$751.00
ALTON L. AND MAE W. CROTHERS UPI 37-4L-54 UPI 37-4L-54 UPI 37-4L-57.1 UPI 37-4L-58	1/20/2000	S.F.	4,503	\$1.00
TOTAL COST FOR EASEMENTS FOR PHASE 1 – VILLAGE OF POMEROY (NORTH)				\$771.00

PHASE 1B – VILLAGE OF POMEROY (SOUTH)

GRANTOR	DATE	UNIT	QTY	ORIGINAL COST
WILLIAM C AND MICHELLE C. WHITE UPI 37-4-105.1 \$1.00 + TAPPING FEE + 30' OF LATERAL	1/3/2002	S.F.	8,171	\$3,946.00
TOTAL COST FOR EASEMENTS FOR PHASE 1 – VILLAGE OF POMEROY (SOUTH)				\$3,946.00

PHASE 2A – SPRINGVIEW MANOR & SOUTH BONSALE SCHOOL ROAD

GRANTOR	DATE	UNIT	QTY	ORIGINAL COST
HERMAN & DOROTHY IGLESIAS UPI 37-2-48 & 37-2-50.1	7/27/2005	S.F.	26,910	\$1.00
GEORGE K. SR., AND RUTH ANN WHISLER UPI 37-2-32 \$1.00 + TAPPING FEE + 30' OF LATERAL	7/19/2006	S.F.		\$3,946.00
EUGENE J. AND ANN M. LAFFERTY UPI 37-2-20	4/4/2006	S.F.	3,750	\$1.00
GEORGE C. AND SANDRA J. DEVINE UPI 37-2-29.4	5/4/2006	S.F.	2,754	\$1.00
MICHAEL H. AND DENISE D. GALLIMORE UPI 37-2-29.5	5/7/2005	S.F.	2,596	\$1.00
WILLIAM J. AND BEVERLY K MURRAY UPI 37-2-29.8	4/25/2005	S.F.	2,692	\$1.00
STANLY M AND CATHERINE E KRYZANAUSKAS UPI 37-2-29.2	4/27/2005	S.F.	2,500	\$1.00
CRAIG M AND TERESA A. PAPPAS UPI 37-2-29.10	4/21/2005	S.F.	2,500	\$1.00
ANTHONY AND SHERRY ROMASCO UPI 37-2-29.3	5/12/2005	S.F.	2,500	\$1.00
LARK AND THERESA KEMPER UPI 37-2-29.11	5/12/2005	S.F.	2,500	\$1.00
ROBERT AND EMILY HARKINS UPI 37-2-29.6	11/21/2005	S.F.	401	\$1.00
FRANK GEISSLER UPI 37-2-29.9	12/15/2004	S.F.	11,643	\$1.00
SCOTT LONGACRE AND PATRICIA LYNN CHAMBERS UPI 37-2-29.23	5/12/2005	S.F.	2,906	\$1.00
JOSEPH M, III AND DEBORAH A. MATONI UPI 37-2-29.24	5/6/2005	S.F.	2,405	\$1.00
KENNETH ALLEN & CHERYL ANN DAVIS UPI 37-2-29.25	4/29/2005	S.F.	400	\$1.00
HARRY R FIRESTONE UPI 37-2-29.12	5/11/2005	S.F.	400	\$1.00
JOHN TREGO, SR. UPI 37-2-29.13	11/15/2005	S.F.	2,500	\$1.00
H. BROOKE LUEY UPI 37-2-29.14	5/12/2005	S.F.	2,506	\$1.00
FRANZ GEISSLER UPI 37-2-29	12/15/2004	S.F.	9,176	\$1.00

GRANTOR	DATE	UNIT	QTY	ORIGINAL COST
RICHARD A AND ROSE A. WHITMAN UPI 37-2-29.15	5/11/2005	S.F.	6,299	\$1.00
BONNIE L. AND JAMES A. GRANNELLS UPI 37-2-29.16	5/3/2005	S.F.	3,891	\$1.00
THOMAS J. STOLTZFUS UPI 37-2-29.16	5/4/2005	S.F.	5,257	\$1.00
BESSIE M. JOHNSON UPI 37-2-29.16	5/12/2005	S.F.	7,327	\$1.00
JAMES G AND JANE D. ROPER UPI 37-2-29.20	5/2/2005	S.F.	9,657	\$1.00
CHARLES L. WITHERSPOON UPI 37-2-29.19	5/3/2005	S.F.	12,314	\$1.00
THOMAS D. AND PATRICIA J. HINES UPI 37-2-29.18	5/2/2005	S.F.	5,294	\$1.00
TOTAL COST FOR EASEMENTS FOR PHASE 2A – SPRINGVIEW MANOR & SOUTH BONSALL SCHOOL ROAD				\$3,971.00

PHASE 2B – VILLAGE OF SADBURYVILLE

GRANTOR	DATE	UNIT	QTY	ORIGINAL COST
JOHN H LYMBERIS AND FOTIOS & YIOTA L. PETROPOULOS UPI 37-2Q-30	6/15/2004	S.F.	8,291	\$1.00
SADBURY ASSOCIATES, L.P. UPI 37-4-40	6/22/2004	S.F.	637891	\$1.00
SADBURYVILLE VOLUNTEER FIRE COMPANY UPI 37-4-55	12/22/2004	S.F.	4,620	\$1.00
SADBURYVILLE VOLUNTEER FIRE COMPANY UPI 37-2Q-44 & 37-4C-11.1	12/28/2004	S.F.	6,129	\$1.00
JOHN H LYMBERIS UPI 37-2Q-13	7/1/2008	S.F.	3,324	\$1.00
THOMAS R. AND NANCY J. GREENFIELD UPI 37-2Q-12	6/10/2008	S.F.	1,820	\$1.00
CHRISTOPHER G. AND HEATHER A. HERSHEY UPI 37-2Q-11	6/10/2008	S.F.	1,114	\$1.00
JOHN W. AND KATHLEEN A. COLDREN UPI 37-2Q-10	5/29/08	S.F.	1,731	\$1.00
TOTAL COST FOR EASEMENTS FOR PHASE 2B – VILLAGE OF SADBURYVILLE				\$8.00

PHASE 3A – POMEROY HEIGHTS (WASHINGTON LANE & LINCOLN AVENUE)

GRANTOR	DATE	UNIT	QTY	ORIGINAL COST
CHARLES N BURNETT, JR. AND MICHAEL R. SHORT (ORIGINALLY PART OF QUARRY RIDGE SUBDIVISION) UPI 37-4-139	12/2004	S.F.	5,400 +/-	\$0.00
ANGELA M MARTIN (ORIGINALLY PART OF QUARRY RIDGE SUBDIVISION) UPI 37-4-53.96	12/2004	S.F.	1,875 +/-	\$0.00
BAKARI & JENNIFER L GREEN (ORIGINALLY PART OF QUARRY RIDGE SUBDIVISION) UPI 37-4-53.95	12/2004	S.F.	1,875 +/-	\$0.00
TOTAL COST FOR EASEMENTS FOR PHASE 3 – POMEROY HEIGHTS – WASHINGTON LANE & LINCOLN AVENUE				\$0.00

PHASE 3B – POMEROY HEIGHTS (REEL STREET)

GRANTOR	DATE	UNIT	QTY	ORIGINAL COST
COSMOS DEVELOPMENT COMPANY UPI 37-4-165 UPI 37-4-166	2/5/2003	S.F.	3,062	\$1.00
TOTAL COST FOR EASEMENTS FOR PHASE 3B – POMEROY HEIGHTS – REEL STREET				\$1.00

PHASE 3B – POMEROY HEIGHTS (NORTH STREET & STOVE PIPE HILL ROAD)

GRANTOR	DATE	UNIT	QTY	ORIGINAL COST
RAYMOND JR. & CAMILLA A. BERKEY UPI 37-4G-35	7/24/2008	S.F.	355	\$1.00
HARMUN DEVELOPMENT UPI 37-4G-36	9/19/2008	S.F.	1,550	\$1.00
ERIC J. MARCELLA UPI 37-4G-37	9/29/2008	S.F.	474	\$1.00
TOTAL COST FOR EASEMENTS FOR PHASE 3B – POMEROY HEIGHTS – NORTH STREET & STOVE PIPE HILL ROAD				\$3.00

PHASE 4 – VALLEY ROAD

GRANTOR	DATE	UNIT	QTY	ORIGINAL COST
ANN B. MCGRAIL UPI 37-4-69	4/7/2010	S.F.	7,348	\$1.00
ZOUHONG YIN & XIQUIN QUIN UPI 37-4-88	4/7/2010	S.F.	16,588	\$1.00
STEVEN AND ROSEMARIE CRANDALL UPI 37-4-88.1	8/2/2010	S.F.	21,015	\$1.00
RALPH T. & BETTY J. GARRIS UPI 37-4-82	3/14/2010	S.F.	2,074	\$1.00
RALPH T. & BETTY J. GARRIS UPI 37-4-81	3/14/2010	S.F.	3,001	\$1.00
RALPH T. & BETTY J. GARRIS UPI 37-4-80.1	3/14/2010	S.F.	215	\$1.00
RALPH T. & BETTY J. GARRIS UPI 37-4-80	3/14/2010	S.F.	4,643	\$1.00
MICHAEL F. AND ALIAH M. KINNEY UPI 37-4-78	1/29/2010	S.F.	1,250	\$1.00
WILBUR N. AND ALICE V. MARSH UPI 37-4-77	1/19/2010	S.F.	2,500	\$1.00
CHRISTOPHER AND KATHLEEN BOWSER UPI 37-4-86	7/27/2010	S.F.	2,840	\$1.00
ROBERT P. & VICTORIA G. NUNEMAKER UPI 37-4-85	4/29/2010	S.F.	1,878	\$1.00
LYNN J. HANNAWAY UPI 37-4-69.4	1/15/2010	S.F.	12,557	\$1.00
VALLEY EAST PROPERTIES, LLC UPI 37-4-69.1	3/12/2010	S.F.	23,212	\$1.00
TOTAL COST FOR EASEMENTS FOR PHASE 4 – VALLEY ROAD				\$13.00

SADSBURY CROSSING (CARR SUBDIVISION)

GRANTOR	DATE	UNIT	QTY	ORIGINAL COST
DAVID J CARR SR. UPI 37-3-23 UPI 37-3-23.15 UPI 37-3-23.16	9/24/2001	S.F.		\$0.00
TOTAL COST FOR EASEMENTS FOR SADSBURY CROSSING				\$0.00

QUARRY RIDGE

GRANTOR	DATE	UNIT	QTY	ORIGINAL COST
COSMOS DEVELOPMENT COMPANY UPI 37-4-53.39 UPI 37-4-53.41 UPI 37-4-53.78	12/7/2004	S.F.	23,122	\$1.00
TOTAL COST FOR EASEMENTS FOR QUARRY RIDGE				\$1.00

SADSBURY VILLAGE

GRANTOR	DATE	UNIT	QTY	ORIGINAL COST
SADSBURY ASSOCIATES, L.P. UPI 37-4-235	9/19/2006	S.F.	38,323	\$1.00
TOTAL COST FOR EASEMENTS FOR SADSBURY VILLAGE				\$1.00

OCTORARA GLEN

GRANTOR	DATE	UNIT	QTY	ORIGINAL COST
OCTORARA GLEN COMMUNITY ASSOC. UPI 37-4-234	10/7/2008	S.F.	6,036	\$1.00
TOTAL COST FOR EASEMENTS FOR OCTORARA GLEN				\$1.00

COWAN ESTATES

GRANTOR	DATE	UNIT	QTY	ORIGINAL COST
COSMOS PROPERTIES, L.P. UPI 37-4-17.10 UPI 37-4-17.12	10/24/2014	S.F.	31,886	\$1.00
TOTAL COST FOR EASEMENTS FOR COWAN ESTATES				\$1.00

MAST PROPERTIES

GRANTOR	DATE	UNIT	QTY	ORIGINAL COST
HAROLD K. MAST AND DANIEL L. MAST UPI 37-1-26 UPI 37-1-26.1	3/8/2016	S.F.		\$1.00
TOTAL COST FOR EASEMENTS FOR MAST PROPERTIES				\$1.00

**SADSBURY TOWNSHIP
SANITARY SEWER SYSTEM**

ACCOUNT 354 - STRUCTURES

ORIGINAL COST AS OF DECEMBER 31, 2016

SSC – STOTTSVILLE PUMP STATION

ITEM	YEAR INSTALLED	UNIT	QTY	ORIGINAL COST
EROSION & SEDIMENT CONTROL	1999	L.S..	1	\$1,000.00
MAINTENANCE & PROTECTION OF TRAFFIC	1999	L.S.	1	\$2,500.00
ID-2 BITUMINOUS WEARING COURSE	1999	S.Y.	40	\$200.00
BITUMINOUS CONCRETE BASE COURSE	1999	S.Y.	40	\$600.00
2A STONE	1999	S.Y.	50	\$400.00
SITWORK	1999	L.S.	1	\$25,000.00
FENCE	1999	L.F.	285	\$10,260.00
10' DIAMETER WET WELL	1999	L.S.	1	\$75,000.00
SEWAGE WASTE GRINDER	1999	L.S.	1	\$35,000.00
ID-2 WEARING – PENNDOT ROADWAY	1999	S.Y.	40	\$200.00
ID-2 BINDER – PENNDOT ROADWAY	1999	S.Y.	40	\$240.00
BCBC – PENNDOT ROADWAY	1999	S.Y.	40	\$600.00
SEEDING	1999	S.Y.	1,200	\$1,560.00
TOTAL COST ACCOUNT 354 – STRUCTURES STOTTSVILLE PUMP STATION				\$152,560.00

**SADSBURY TOWNSHIP
SANITARY SEWER SYSTEM**

ACCOUNT 355 – POWER GENERATING EQUIPMENTS

ORIGINAL COST AS OF DECEMBER 31, 2016

SSC – STOTTSVILLE PUMP STATION

ITEM	YEAR INSTALLED	UNIT	QTY	ORIGINAL COST
135 KW NATURAL GAS GENERATOR	1999	L.S..	1	40,000.00
TOTAL COST ACCOUNT 355 – POWER GENERATING EQ. STOTTSVILLE PUMP STATION				\$40,000.00

**SADSBURY TOWNSHIP
SANITARY SEWER SYSTEM**

ACCOUNT 360 – COLLECTION MAINS & ACCESSORIES - FORCE

ORIGINAL COST AS OF DECEMBER 31, 2016

SSC

ITEM	YEAR INSTALLED	UNIT	QTY	ORIGINAL COST
10" SDR-26 PVC	1999	L.F.	3,400	85,000.00
CONCRETE CLEAN-OUT MANHOLES	1999	EA.	3	7,500.00
TOTAL COST ACCOUNT 360 COLLECTION MAINS & ACCESS. - FORCE SADSBURY SEWER CORPORATION				\$92,500.00

**SADSBURY TOWNSHIP
SANITARY SEWER SYSTEM**

ACCOUNT 361 – COLLECTION MAINS & ACCESSORIES - GRAVITY

ORIGINAL COST AS OF DECEMBER 31, 2016

SADSBURY SEWER CORPORATION

ITEM	YEAR INSTALLED	UNIT	QTY	ORIGINAL COST
SEGMENT #1 – RR CROSSING TO PUMP STATION				
15" SDR-35 PVC	1999	L.F.	2,800	\$100,632.00
12" SDR-35 PVC	1999	L.F.	900	\$34,146.00
12" DIP w/STEEL CASING BORE & JACK	1999	L.F.	349	\$179,433.00
CONCRETE MANHOLE w/ FRAME & COVER	1999	EA.	14	\$35,000.00
CONCRETE MANHOLE w/ WATERTIGHT FRAME & COVER	1999	EA.	4	\$10,400.00
SEGMENT #2 – NORTH GREENBELT DR. TO RR CROSSING				
12" SDR-35 PVC	1999	L.F.	1,650	\$55,250.00
12" DIP w/CONC. ENCASEMENT STREAM CROSSING	1999	L.F.	64	\$6,400.00
CONCRETE MANHOLE w/ FRAME & COVER	1999	EA.	4	\$6,400.00
CONCRETE MANHOLE w/ WATERTIGHT FRAME & COVER	1999	EA.	5	\$8,500.00
SEGMENT #3 – WICK PROPERTY TO NORTH GREENBELT DRIVE				
12" SDR-35 PVC	1999	L.F.	2,150	\$69,574.00
8" SDR-35 PVC	1999	L.F.	2,800	\$79,408.00
12" DIP w/CONC. ENCASEMENT STREAM CROSSING	1999	L.F.	61	\$6,355.00
8" DIP w/STEEL CASING BORE & JACK	1999	L.F.	164	\$69,240.00
CONCRETE MANHOLE w/ WATERTIGHT FRAME & COVER	1999	EA.	23	\$39,100.00

SEGMENT #4 – OLD WILMINGTON RD. & QUARRY RD.				
10" SDR-35 PVC	1999	L.F.	2,650	\$81,594.00
8" SDR-35 PVC	1999	L.F.	1,000	\$32,790.00
10" DIP w/CONC. ENCASEMENT STREAM CROSSING	1999	L.F.	102	\$7,070.00
CONCRETE MANHOLE w/ FRAME & COVER	1999	EA.	16	\$25,600.00
CONCRETE MANHOLE w/ WATERTIGHT FRAME & COVER	1999	EA.	2	\$3,400.00
SEGMENT #5 – NORTH OF BUSINESS ROUTE 30				
8" SDR-35 PVC	1999	L.F.	2,500	\$71,950.00
CONCRETE MANHOLE w/ FRAME & COVER	1999	EA.	11	\$17,600.00
CONCRETE MANHOLE w/ WATERTIGHT FRAME & COVER	1999	EA.	2	\$3,400.00
TOTAL COST ACCOUNT 361 COLLECTION MAINS & ACCESS.-GRAVITY SADBURY SEWER CORPORATION				\$943,242.00

PHASE 1A – VILLAGE OF POMEROY (NORTH)

ITEM	YEAR INSTALLED	UNIT	QTY	ORIGINAL COST
8" SDR-35 PVC – 0-10 FT DEEP	2000	L.F.	5,620	\$403,348.00
8" SDR-35 PVC – 10-14 FT DEEP	2000	L.F.	1,681	\$130,731.00
8" SDR-35 PVC – OVER 14 FT DEEP	2000	L.F.	559	\$47,946.00
CONCRETE MANHOLE W/ FRAME & COVER – 0-10 FT DEEP	2000	EA.	30	\$51,000.00
CONCRETE MANHOLE W/ FRAME & COVER – 10-14 FT DEEP	2000	EA.	9	\$19,800.00
CONCRETE MANHOLE W/ FRAME & COVER – OVER 14 FT DEEP	2000	EA.	4	\$10,400.00
TOTAL COST ACCOUNT 361 COLLECTION MAINS & ACCESS.-GRAVITY PHASE 1A				\$663,225.00

PHASE 1B – VILLAGE OF POMEROY (SOUTH)

ITEM	YEAR INSTALLED	UNIT	QTY	ORIGINAL COST
8" SDR-35 PVC – 0-8 FT DEEP	2005	L.F.	174	\$16,283.00
8" SDR-35 PVC – 8-10 FT DEEP	2005	L.F.	468	\$45,200.00
8" SDR-35 PVC – 10-12 FT DEEP	2005	L.F.	639	\$70,022.00
8" SDR-35 PVC – 12-14 FT DEEP	2005	L.F.	207	\$25,581.00
8" SDR-35 PVC – 14-16 FT DEEP	2005	L.F.	85	\$11,779.00
CONCRETE MANHOLE W/ FRAME & COVER – 0-8 FT DEEP	2005	EA.	4	\$7,200.00
CONCRETE MANHOLE W/ FRAME & COVER – 8-10 FT DEEP	2005	EA.	2	\$4,200.00
CONCRETE MANHOLE W/ FRAME & COVER – 10-12 FT DEEP	2005	EA.	1	\$2,500.00
CONCRETE MANHOLE W/ FRAME & COVER – 14-16 FT DEEP	2005	EA.	2	\$7,000.00
CONCRETE DOGHOUSE MANHOLE W/ FRAME & COVER	2005	EA.	1	\$2,000.00
TOTAL COST ACCOUNT 361 COLLECTION MAINS & ACCESS.-GRAVITY PHASE 1B				\$191,765.00

PHASE 2A – VILLAGE OF SADBURYVILLE (NORTH OF ROUTE 30 BYPASS)

ITEM	YEAR INSTALLED	UNIT	QTY	ORIGINAL COST
8" SDR-35 PVC – 0-8 FT DEEP	2007	L.F.	1,299	\$105,609.00
8" SDR-35 PVC – 8-10 FT DEEP	2007	L.F.	2,980	\$272,074.00
8" SDR-35 PVC – 10-12 FT DEEP	2007	L.F.	1,706	\$172,818.00
8" SDR-35 PVC – 12-14 FT DEEP	2007	L.F.	2,073	\$228,652.00
8" SDR-35 PVC – 14-16 FT DEEP	2007	L.F.	637	\$81,727.00
8" DIP – 0-8 FT DEEP	2007	L.F.	30	\$3,159.00
8" DIP – 14-16 FT DEEP	2007	L.F.	240	\$33,192.00
8" DIP – OVER 16 FT DEEP	2007	L.F.	175	\$33,828.00
8" DIP w/24" STEEL CASING BORE & JACK – ROUTE 30 BYPASS	2007	L.F.	185	\$191,995.00
CONCRETE MANHOLE w/ FRAME & COVER – 0-8 FT DEEP	2007	EA.	9	\$22,725.00
CONCRETE MANHOLE w/ FRAME & COVER – 8-10 FT DEEP	2007	EA.	12	\$30,000.00
CONCRETE MANHOLE w/ FRAME & COVER – 10-12 FT DEEP	2007	EA.	5	\$13,700.00
CONCRETE MANHOLE w/ FRAME & COVER – 12-14 FT DEEP	2007	EA.	7	\$23,100.00
CONCRETE MANHOLE w/ FRAME & COVER – 14-16 FT DEEP	2007	EA.	5	\$19,000.00
CONCRETE MANHOLE w/ FRAME & COVER – OVER 16 FT DEEP	2007	EA.	2	\$10,000.00
TOTAL COST ACCOUNT 361 COLLECTION MAINS & ACCESS.-GRAVITY PHASE 2A				\$1,241,579.00

PHASE 2B – VILLAGE OF SADBURYVILLE (SOUTH OF ROUTE 30 BYPASS)

ITEM	YEAR INSTALLED	UNIT	QTY	ORIGINAL COST
8" SDR-35 PVC – 0-8 FT DEEP	2009	L.F.	260	\$31,634.00
8" SDR-35 PVC – 8-10 FT DEEP	2009	L.F.	766	\$94,540.00
8" SDR-35 PVC – 10-12 FT DEEP	2009	L.F.	129	\$9,910.00
CONCRETE MANHOLE W/ FRAME & COVER – 0-8 FT DEEP	2009	EA.	1	\$2,550.00
CONCRETE MANHOLE W/ FRAME & COVER – 8-10 FT DEEP	2009	EA.	2	\$5,340.00
CONCRETE MANHOLE W/ FRAME & COVER – 10-12 FT DEEP	2009	EA.	1	\$3,050.00
TOTAL COST ACCOUNT 361 COLLECTION MAINS & ACCESS.-GRAVITY PHASE 2B				\$147,024.00

PHASE 3A – WASHINGTON LANE AND LINCOLN AVENUE (INCLUDES REEL STREET)

ITEM	YEAR INSTALLED	UNIT	QTY	ORIGINAL COST
8" SDR-35 PVCP – 0-8 FT DEEP	2005	L.F.	696	\$55,569.00
8" SDR-35 PVCP – 8-10 FT DEEP	2005	L.F.	4,193	\$347,348.00
8" SDR-35 PVCP – 10-12 FT DEEP	2005	L.F.	2,097	\$200,977.00
8" SDR-35 PVCP – 12-14 FT DEEP	2005	L.F.	932	\$102,371.00
8" SDR-35 PVCP – 14-16 FT DEEP	2005	L.F.	980	\$122,342.00
CONCRETE MANHOLE W/ FRAME & COVER– 0-8 FT DEEP	2005	EA.	7	\$13,800.00
CONCRETE MANHOLE W/ FRAME & COVER– 8-10 FT DEEP	2005	EA.	12	\$31,500.00
CONCRETE MANHOLE W/ FRAME & COVER– 10-12 FT DEEP	2005	EA.	7	\$17,500.00
CONCRETE MANHOLE W/ FRAME & COVER– 12-14 FT DEEP	2005	EA.	3	\$9,000.00
CONCRETE MANHOLE W/ FRAME & COVER– 14-16 FT DEEP	2005	EA.	2	\$7,000.00
CONCRETE MANHOLE W/ FRAME & COVER– OVER16 FT DEEP	2005	EA.	2	\$8,000.00
TOTAL COST ACCOUNT 361 COLLECTION MAINS & ACCESS.-GRAVITY PHASE 3A				\$915,407.00

PHASE 3A – WASHINGTON LANE EXTENSION

ITEM	YEAR INSTALLED	UNIT	QTY	ORIGINAL COST
8" SDR-35 PVCP – 6-10 FT DEEP	2009	L.F.	337	\$7,751.00
8" SDR-35 PVCP – 10-14 FT DEEP	2009	L.F.	344	\$8,600.00
CONCRETE MANHOLE W/ FRAME & COVER– 0-8 FT DEEP	2009	EA.	2	\$6,203.00
TOTAL COST ACCOUNT 361 COLLECTION MAINS & ACCESS.-GRAVITY PHASE 3A – WASHINGTON LANE EXT.				\$22,554.00

PHASE 3A – WAVERLY BLVD. EXTENSION

ITEM	YEAR INSTALLED	UNIT	QTY	ORIGINAL COST
8" SDR-35 PVC P – 6-10 FT DEEP	2011	L.F.	160	\$4,416.00
8" SDR-35 PVC P – 10-14 FT DEEP	2011	L.F.	680	\$20,400.00
CONCRETE MANHOLE W/ FRAME & COVER-- 0-8 FT DEEP	2011	EA.	5	\$11,856.00
TOTAL COST ACCOUNT 361 COLLECTION MAINS & ACCESS.-GRAVITY PHASE 3A – WAVERLY BLVD EXT.				\$36,672.00

PHASE 3B – SOUTH OF WASHINGTON LANE – NORTH OF CONRAIL/AMTRAK

ITEM	YEAR INSTALLED	UNIT	QTY	ORIGINAL COST
8" SDR-35 PVC – 0-8 FT DEEP GREENBELT DRIVE	2005	L.F.	375	\$20,636.00
8" SDR-35 PVC – 12-14 FT DEEP GREENBELT DRIVE	2005	L.F.	50	\$4,255.00
CONCRETE MANHOLE W/ FRAME & COVER – 0-8 FT DEEP GREENBELT DRIVE	2005	EA.	1	\$1,800.00
CONCRETE MANHOLE W/ FRAME & COVER – 12-14 FT DEEP GREENBELT DRIVE	2005	EA.	1	\$5,000.00
8" SDR-35 PVC – 0-8 FT DEEP	2009	L.F.	1,035	\$98,977.00
8" SDR-35 PVC – 8-10 FT DEEP	2009	L.F.	482	\$46,937.00
8" SDR-35 PVC – 10-12 FT DEEP	2009	L.F.	213	\$21,701.00
8" SDR-35 PVC – 12-14 FT DEEP	2009	L.F.	154	\$16,652.00
8" SDR-35 PVC – 14-16 FT DEEP	2009	L.F.	120	\$14,686.00
8" DIP – 0-8 FT DEEP	2009	L.F.	75	\$8,204.00
8" DIP – 8-10 FT DEEP	2009	L.F.	13	\$1,458.00
8" DIP – 10-12 FT DEEP	2009	L.F.	84	\$9,881.00
8" DIP – 12-14 FT DEEP	2009	L.F.	17	\$2,132.00
8" DIP – 14-16 FT DEEP	2009	L.F.	111	\$15,499.00
8" DIP – OVER 16 FT DEEP	2009	L.F.	154	\$26,277.00
CONCRETE MANHOLE W/ FRAME & COVER – 0-8 FT DEEP	2009	EA.	4	\$10,200.00
CONCRETE MANHOLE W/ FRAME & COVER – 8-10 FT DEEP	2009	EA.	2	\$5,320.00
CONCRETE MANHOLE W/ FRAME & COVER – 10-12 FT DEEP	2009	EA.	1	\$3,050.00
CONCRETE MANHOLE W/ FRAME & COVER – 14-16 FT DEEP	2009	EA.	2	\$7,050.00
CONCRETE MANHOLE W/ FRAME & COVER – OVER 16 FT DEEP	2009	EA.	1	\$4,780.00
TOTAL COST ACCOUNT 361 COLLECTION MAINS & ACCESS.-GRAVITY PHASE 3B				\$324,495.00

PHASE 4 – VALLEY ROAD

ITEM	YEAR INSTALLED	UNIT	QTY	ORIGINAL COST
8" SDR-35 PVC – 0-8 FT DEEP	2011	L.F.	2,396	\$204,259.00
8" SDR-35 PVC – 8-10 FT DEEP	2011	L.F.	780	\$68,055.00
8" SDR-35 PVC – 10-12 FT DEEP	2011	L.F.	180	\$16,065.00
8" SDR-35 PVC – 12-14 FT DEEP	2011	L.F.	113	\$10,312.00
8" SDR-35 PVC – 14-16 FT DEEP	2011	L.F.	60	\$5,595.00
8" SDR-35 PVC – OVER 16 FT DEEP	2011	L.F.	50	\$4,763.00
8" DIP w/ 24" STEEL CASING BORE & JACK STREAM CROSSING	2011	L.F.	75	\$20,850.00
8" DIP – 8-10 FT DEEP	2011	L.F.	0	\$0.00
8" DIP – 10-12 FT DEEP	2011	L.F.	0	\$0.00
8" DIP – 12-14 FT DEEP	2011	L.F.	15	\$1,519.00
8" DIP – 14-16 FT DEEP	2011	L.F.	25	\$2,581.00
8" DIP – OVER 16 FT DEEP	2011	L.F.	350	\$36,838.00
CONCRETE MANHOLE w/ FRAME & COVER – 0-8 FT DEEP	2011	EA.	6	\$14,400.00
CONCRETE MANHOLE w/ FRAME & COVER – 8-10 FT DEEP	2011	EA.	12	\$31,200.00
CONCRETE MANHOLE w/ FRAME & COVER – 10-12 FT DEEP	2011	EA.	1	\$2,800.00
CONCRETE MANHOLE w/ FRAME & COVER – 12-14 FT DEEP	2011	EA.	2	\$6,000.00
CONCRETE MANHOLE w/ FRAME & COVER – 14-16 FT DEEP	2011	EA.	0	\$0.00
CONCRETE MANHOLE w/ FRAME & COVER – OVER 16 FT DEEP	2011	EA.	0	\$0.00
CONCRETE DOGHOUSE MANHOLE w/ FRAME & COVER	2011	EA.	1	\$4,000.00
TOTAL COST ACCOUNT 361 COLLECTION MAINS & ACCESS.-GRAVITY PHASE 4				\$429,237.00

SADSBURY CROSSING

ITEM	YEAR INSTALLED	UNIT	QTY	ORIGINAL COST
8" SDR-35 PVC	2001	L.F.	996	\$24,960.00
CONCRETE MANHOLE W/ FRAME & COVER	2001	EA.	8	\$12,680.00
TOTAL COST ACCOUNT 361 COLLECTION MAINS & ACCESS.-GRAVITY SADSBURY CROSSING				\$37,640.00

QUARRY RIDGE

ITEM	YEAR INSTALLED	UNIT	QTY	ORIGINAL COST
PHASE I				
8" SDR-35 PVC	1999	L.F.	1,864	\$46,600.00
8" DIP	1999	L.F.	717	\$31,548.00
CONCRETE MANHOLE W/ FRAME & COVER	1999	EA.	13	\$23,220.00
PHASE II				
8" SDR-35 PVC	2001	L.F.	2,275	\$56,875.00
8" DIP	2001	L.F.	298	\$13,112.00
CONCRETE MANHOLE W/ FRAME & COVER	2001	EA.	10	\$15,000.00
PHASE III				
8" SDR-35 PVC	2001	L.F.	1,966	\$49,150.00
8" DIP	2001	L.F.	216	\$9,504.00
CONCRETE MANHOLE W/ FRAME & COVER	2001	EA.	11	\$16,800.00
PHASE IV				
8" SDR-35 PVC	2002	L.F.	2,278	\$56,950.00
CONCRETE MANHOLE W/ FRAME & COVER	2002	EA.	11	\$16,500.00
TOTAL COST ACCOUNT 361 COLLECTION MAINS & ACCESS.-GRAVITY QUARRY RIDGE				\$335,259.00

SADBURY VILLAGE

ITEM	YEAR INSTALLED	UNIT	QTY	ORIGINAL COST
8" SDR-35 PVC	2006	L.F.	5,019	\$125,475.00
CONCRETE MANHOLE W/ FRAME & COVER	2006	EA.	26	\$41,500.00
TOTAL COST ACCOUNT 361 COLLECTION MAINS & ACCESS.-GRAVITY SADBURY VILLAGE				\$166,975.00

OCTORARA GLEN

ITEM	YEAR INSTALLED	UNIT	QTY	ORIGINAL COST
8" SDR-35 PVC	2006	L.F.	3,523	\$68,699.00
CONCRETE MANHOLE W/ FRAME & COVER	2006	EA.	23	\$59,170.00
TOTAL COST ACCOUNT 361 COLLECTION MAINS & ACCESS.-GRAVITY SADBURY VILLAGE				\$127,869.00

COWAN ESTATES (CAPPED SEWERS)

ITEM	YEAR INSTALLED	UNIT	QTY	ORIGINAL COST
8" SDR-35 PVC	2013	L.F.	1,902	\$49,452.00
CONCRETE MANHOLE W/ FRAME & COVER	2013	EA.	18	\$36,000.00
TOTAL COST ACCOUNT 361 COLLECTION MAINS & ACCESS.-GRAVITY COWAN ESTATES				\$85,452.00

**SADSBURY TOWNSHIP
SANITARY SEWER SYSTEM**

ACCOUNT 363 – SERVICES

ORIGINAL COST AS OF DECEMBER 31, 2016

PHASE 1A – VILLAGE OF POMEROY (NORTH)

ITEM	YEAR INSTALLED	UNIT	QTY	ORIGINAL COST
8" X 4" LATERAL WYE	2000	EA.	115	\$2,300.00
8" X 6" LATERAL WYE	2000	EA.	8	\$160.00
4" SDR-35 PVC LATERAL	2000	L.F.	1,952	\$40,750.00
6" SDR-35 PVC LATERAL	2000	L.F.	201	\$4,602.00
TOTAL COST ACCOUNT 363 - SERVICES PHASE 1A				\$47,812.00

PHASE 1B – VILLAGE OF POMEROY (SOUTH)

ITEM	YEAR INSTALLED	UNIT	QTY	ORIGINAL COST
8" X 6" LATERAL WYE	2005	EA.	19	\$1,520.00
6" SDR-35 PVC LATERAL	2005	L.F.	354	\$17,890.00
TOTAL COST ACCOUNT 363 - SERVICES PHASE 1B				\$19,410.00

PHASE 2A – VILLAGE OF SADSBURYVILLE (NORTH OF ROUTE 30 BYPASS)

ITEM	YEAR INSTALLED	UNIT	QTY	ORIGINAL COST
8" X 6" LATERAL WYE	2007	EA.	48	\$3,072.00
6" SDR-35 PVC LATERAL	2007	L.F.	474	\$40,935.00
TOTAL COST ACCOUNT 363 - SERVICES PHASE 2A				\$44,007.00

PHASE 2B – VILLAGE OF SADBURYVILLE (SOUTH OF ROUTE 30 BYPASS)

ITEM	YEAR INSTALLED	UNIT	QTY	ORIGINAL COST
8" X 6" LATERAL WYE	2004	EA.	10	\$1,250.00
6" SDR-35 PVC LATERAL	2004	L.F.	250	\$7,500.00
8" X 6" LATERAL WYE	2004	EA.	12	\$5,220.00
6" SDR-35 PVC LATERAL	2004	L.F.	155	\$4,993.00
TOTAL COST ACCOUNT 363 - SERVICES PHASE 2B				\$18,963.00

PHASE 3A – WASHINGTON LANE AND LINCOLN AVENUE (INCLUDES REEL STREET)

ITEM	YEAR INSTALLED	UNIT	QTY	ORIGINAL COST
8" X 6" LATERAL WYE	2005	EA.	142	\$11,360.00
6" SDR-35 PVC LATERAL	2005	L.F.	2,300	\$116,420.00
TOTAL COST ACCOUNT 363 - SERVICES PHASE 3A AND REEL STREET				\$127,780.00

PHASE 3A – WASHINGTON LANE EXTENSION

ITEM	YEAR INSTALLED	UNIT	QTY	ORIGINAL COST
6" SDR-35 PVC LATERAL	2009	L.F.	16	\$560.00
TOTAL COST ACCOUNT 363 - SERVICES PHASE 3A WASHING LANE EXTENSION				\$560.00

PHASE 3B – SOUTH OF WASHINGTON LANE – NORTH OF CONRAIL/AMTRAK

ITEM	YEAR INSTALLED	UNIT	QTY	ORIGINAL COST
8" X 6" LATERAL WYE GREENBELT DRIVE	2007	EA.	3	\$240.00
6" SDR-35 PVC LATERAL GREENBELT DRIVE	2007	L.F.	75	\$3,780.00
8" X 6" LATERAL WYE - PVC	2009	EA.	15	\$6,525.00
8" X 6" LATERAL WYE - DIP	2009	EA.	6	\$6,000.00
6" SDR-35 PVC LATERAL	2009	L.F.	498	\$15,877.00
TOTAL COST ACCOUNT 363 - SERVICES PHASE 3B INCLUDING GREENBELT DRIVE				\$32,422.00

PHASE 4 – VALLEY ROAD

ITEM	YEAR INSTALLED	UNIT	QTY	ORIGINAL COST
8" X 6" LATERAL WYE	2011	EA.	28	\$1,400.00
6" SDR-35 PVC LATERAL	2011	L.F.	622	\$35,610.00
TOTAL COST ACCOUNT 363 - SERVICES PHASE 4				\$37,010.00

SADSBURY CROSSING

ITEM	YEAR INSTALLED	UNIT	QTY	ORIGINAL COST
6" SDR-35 PVC LATERAL	2001	L.F.	856	\$14,261.00
TOTAL COST ACCOUNT 363 - SERVICES SADSBURY CROSSING				\$14,261.00

QUARRY RIDGE

ITEM	YEAR INSTALLED	UNIT	QTY	ORIGINAL COST
6" SDR-35 PVC LATERAL – PHASE I	2000	L.F.	1,271	\$19,065.00
6" SDR-35 PVC LATERAL – PHASE II	2001	L.F.	1,049	\$15,735.00
6" SDR-35 PVC LATERAL – PHASE III	2001	L.F.	1,327	\$19,905.00
6" SDR-35 PVC LATERAL – PHASE IV	2002	L.F.	1,612	\$24,180.00
TOTAL COST ACCOUNT 363 - SERVICES QUARRY RIDGE				\$78,885.00

SADSBURY VILLAGE

ITEM	YEAR INSTALLED	UNIT	QTY	ORIGINAL COST
8" X 6" LATERAL WYE	2006	EA.	146	\$10,950.00
6" SDR-35 PVC LATERAL	2006	L.F.	5,110	\$76,650.00
TOTAL COST ACCOUNT 363 - SERVICES SADSBURY VILLAGE				\$87,600.00

OCTORARA GLEN

ITEM	YEAR INSTALLED	UNIT	QTY	ORIGINAL COST
8" X 6" LATERAL WYE	2006	EA.	44	\$7,040.00
6" SDR-35 PVC LATERAL	2006	L.F.	1,352	\$22,646.00
TOTAL COST ACCOUNT 363 - SERVICES OCTORARA GLEN				\$29,686.00

COWAN ESTATES

ITEM	YEAR INSTALLED	UNIT	QTY	ORIGINAL COST
6" SDR-35 PVC LATERAL	2013	L.F.	330	\$7,920.00
TOTAL COST ACCOUNT 363 - SERVICES COWAN ESTATES				\$7,920.00

**SADSBURY TOWNSHIP
SANITARY SEWER SYSTEM**

ACCOUNT 364 – FLOW METERS

ORIGINAL COST AS OF DECEMBER 31, 2016

ITEM	YEAR INSTALLED	UNIT	QTY	ORIGINAL COST
METER PIT W/ FLOW METER (FORCE MAIN)	1999	L.S.	1	\$25,000.00
SIGMA OPEN CHANNEL FLOW W/MANHOLE & TELEMETRY	2015	L.F.	1,075	\$73,731.00
TOTAL COST ACCOUNT 364 – FLOW METERS				\$98,731.00

**SADSBURY TOWNSHIP
SANITARY SEWER SYSTEM**

ACCOUNT 371 – PUMPING EQUIPMENT

ORIGINAL COST AS OF DECEMBER 31, 2016

ITEM	YEAR INSTALLED	UNIT	QTY	ORIGINAL COST
GORMAN RUPP T6A3-B PUMP STATION	1999	L.S.	1	\$225,000.00
TOTAL COST ACCOUNT 371 – PUMPING EQUIPMENT				\$225,000.00

APPENDIX A

ACCOUNT 353 – LAND / LAND RIGHTS

EASEMENTS & RIGHTS OF WAY

**SADSBURY TOWNSHIP
CHESTER COUNTY, PA**

SANITARY SEWER SYSTEM

**ASSESSMENT OF TANGIBLE ASSETS
PURSUANT TO
PUC CODE §1329(A)(4)**

JANUARY 30, 2017

ACCOUNT 353 – LAND / LAND RIGHTS

ORIGINAL COST AS OF DECEMBER 31, 2016

EASEMENTS

SADSBURY SEWER CORPORATION

GRANTOR	DATE	UNIT	QTY	ORIGINAL COST
JYF PARTNERS UPI 37-2Q-2	8/4/1999	S.F.	12,522.06	
HARRY & ATHENA LYMBERIS UPI 37-2-42	7/30/1999	S.F.	2,557.06	
JYF PARTNERS UPI 37-2-43	7/30/1999	S.F.	4,089.60	
LAWRENCE VANDYKE & RANDA LEAMY UPI 37-2-45.2	9/3/1999	S.F.	3,008.85	
ALBERT RUSSELL SCHAIBLE UPI 37-2-45	7/28/1999	S.F.	3,460.09	
ALBERT RUSSELL SCHAIBLE UPI 37-2-46	7/28/1999	S.F.	647.13	
JYF PARTNERS UPI 37-2-47	7/30/1999	S.F.	11,805.95	
HERMAN & DOROTHY IGLESIAS UPI 37-2-48	9/16/1999	S.F.	881.94	
HERMAN & DOROTHY IGLESIAS UPI 37-2-50.2	9/16/1999	S.F.	1,845.95	
HERMAN & DOROTHY IGLESIAS UPI 37-2-49	9/16/1999	S.F.	5,631.64	
JYF PARTNERS UPI 37-2-50.1	7/30/1999	S.F.	1,415.51	
SADSBURY ASSOCIATES, L.P. UPI 37-4-40	8/19/1999	S.F.	12,332.35	
FRANK WICK UPI 37-4-39.1	8/4/1999	S.F.	12,978.00	
SADSBURY TOWNSHIP UPI 37-4-37.1E	9/23/1999	S.F.	52,619.71	
AIM DEVELOPMENT CORPORATION UPI 37-4-56	7/28/1999	S.F.	5,660.43	

GRANTOR	DATE	UNIT	QTY	ORIGINAL COST
AIM DEVELOPMENT CORPORATION UPI 37-4-41	7/28/1999	S.F.	13,966.58	
AIM DEVELOPMENT CORPORATION UPI 37-4-46	7/28/1999	S.F.	15.65	
COSMOS DEVELOPMENT COMPANY UPI37-2-53	9/19/1999	S.F.	862.81	
PENGUIN INDUSTRIES UPI 37-4-44E	7/18/1999	S.F.	2,136.68 762.27	
SADSBURY TOWNSHIP UPI 37-4-44.1E	9/23/1999	S.F.	24,468.41	
SADSBURY TOWNSHIP UPI 37-4-42E	9/23/1999	S.F.	7,565.50 385.78	
SADSBURY TOWNSHIP UPI 37-4-43E	9/23/1999	S.F.	4,049.81	
SADSBURY TOWNSHIP UPI 37-4-94E	9/23/1999	S.F.	18,645.19	
ANN BEATRICE MCGRAIL UPI 37-4-69	7/30/1999	S.F.	28,558.05	
ANN BEATRICE MCGRAIL UPI 37-4-101	7/30/1999	S.F.	44,318.32	
CIGNATURE HOSPITALITY UPI 37-4-121	9/23/1999	S.F.	12,238.00	

PHASE 1A – VILLAGE OF POMEROY (NORTH)

GRANTOR	DATE	UNIT	QTY	ORIGINAL COST
ELMER, JR. AND DOROTHY M. LEAMY UPI 37-4M-21	11/1/1999	S.F.	3,006	
RANDY J AND KATHY S. MCCARRAHER UPI 37-4M-26	9/1/1999	S.F.	1,804	
THOMAS ROMINGER UPI37-4M-31	12/11/1999	S.F.	522	
MICHAEL J. AND PHYLLIS C. LOFTUS UPI 37-4M-36 & 37-4M-36.1	12/3/1999	S.F.	3,006	
FRANK WOLFE UPI 37-4M-37	9/13/1999	S.F.	3,125	
JOHN D. WARMIAK, III UPI 37-4M-40	12/11/1999	S.F.	450	
CHARLES F. AND DOROTHY L. GAY UPI 37-4M-44 & 37-4M-44.1	9/1/1999	S.F.	1,500	
VERNA E. FRIEDRICH UPI 37-4H-69	10/29/1999	S.F.	3,125	
RICHARD F. AND LINDA E. ARNER UPI 37-4M-49	9/3/1999	S.F.	1,881	
JOSEPH L. & TERRY L. DISCIULIO UPI 37-4-101	9/16/1999	S.F.	2,435	
ANDREW AND LEONA E. ZVODAR UPI 37-4H-70	9/9/1999	S.F.	1,522	
LISA M. SWISHER UPI 37-4L-36	12/2/1999	S.F.	1,646	
ANTHONY & SUSAN LIEFIELD-TRESSLET UPI 37-4L-37	11/27/1999	S.F.	1,650	
HORACE W. AND LARELDA M. LOWERY UPI 37-4L-41	10/13/1999	S.F.	2,360	
RONALD J. AND ANNETTE FISCHER UPI 37-4L-53	10/1/1999	S.F.	2,437	
LAWRENCE AND JULIA VANDYKE UPI 37-4L-11	8/23/1999	S.F.	3,345	
ANDREW O AND VERNA E. FRIEDRICH UPI 37-4M-45	8/23/1999	S.F.	5,250	
ROBERT AND NANCY R. PERRY UPI 37-4M-54	9/9/1999	S.F.	2,147	
POMEROY PARTNERSHIP UPI 37-4L-50	9/16/1999	S.F.	5,912	

GRANTOR	DATE	UNIT	QTY	ORIGINAL COST
JAMES W. AND DOROTHY M. ANDERSON UPI 37-4L-62.1	12/8/1999	S.F.	8,538	
ALTON L. AND MAE W. CROTHERS UPI 37-4L-54 UPI 37-4L-54 UPI 37-4L-57.1 UPI 37-4L-58	1/20/2000	S.F.	4,503	

PHASE 1B – VILLAGE OF POMEROY (SOUTH)

GRANTOR	DATE	UNIT	QTY	ORIGINAL COST
WILLIAM C AND MICHELLE C. WHITE UPI 37-4-105.1	1/3/2002	S.F.	8,171	

PHASE 2A – SPRINGVIEW MANOR & SOUTH BONSALE SCHOOL ROAD

GRANTOR	DATE	UNIT	QTY	ORIGINAL COST
HERMAN & DOROTHY IGLESIAS UPI 37-2-48 & 37-2-50.1	7/27/2005	S.F.	26,910	
GEORGE K. SR., AND RUTH ANN WHISLER UPI 37-2-32	7/19/2006	S.F.		
EUGENE J. AND ANN M. LAFFERTY UPI 37-2-20	4/4/2006	S.F.	3,750	
GEORGE C. AND SANDRA J. DEVINE UPI 37-2-29.4	5/4/2006	S.F.	2,754	
MICHAEL H. AND DENISE D. GALLIMORE UPI 37-2-29.5	5/7/2005	S.F.	2,596	
WILLIAM J. AND BEVERLY K MURRAY UPI 37-2-29.8	4/25/2005	S.F.	2,692	
STANLY M AND CATHERINE E KRYZANAUSKAS UPI 37-2-29.2	4/27/2005	S.F.	2,500	
CRAIG M AND TERESA A. PAPPAS UPI 37-2-29.10	4/21/2005	S.F.	2,500	
ANTHONY AND SHERRY ROMASCO UPI 37-2-29.3	5/12/2005	S.F.	2,500	
LARK AND THERESA KEMPER UPI 37-2-29.11	5/12/2005	S.F.	2,500	
ROBERT AND EMILY HARKINS UPI 37-2-29.6	11/21/2005	S.F.	401	
FRANK GEISSLER UPI 37-2-29.9	12/15/2004	S.F.	11,643	
SCOTT LONGACRE AND PATRICIA LYNN CHAMBERS UPI 37-2-29.23	5/12/2005	S.F.	2,906	
JOSEPH M, III AND DEBORAH A. MATONI UPI 37-2-29.24	5/6/2005	S.F.	2,405	
KENNETH ALLEN & CHERYL ANN DAVIS UPI 37-2-29.25	4/29/2005	S.F.	400	
HARRY R FIRESTONE UPI 37-2-29.12	5/11/2005	S.F.	400	
JOHN TREGO, SR. UPI 37-2-29.13	11/15/2005	S.F.	2,500	
H. BROOKE LUEY UPI 37-2-29.14	5/12/2005	S.F.	2,506	
FRANZ GEISSLER UPI 37-2-29	12/15/2004	S.F.	9,176	

GRANTOR	DATE	UNIT	QTY	ORIGINAL COST
RICHARD A AND ROSE A. WHITMAN UPI 37-2-29.15	5/11/2005	S.F.	6,299	
BONNIE L. AND JAMES A. GRANNELLS UPI 37-2-29.16	5/3/2005	S.F.	3,891	
THOMAS J. STOLTZFUS UPI 37-2-29.16	5/4/2005	S.F.	5,257	
BESSIE M. JOHNSON UPI 37-2-29.16	5/12/2005	S.F.	7,327	
JAMES G AND JANE D. ROPER UPI 37-2-29.20	5/2/2005	S.F.	9,657	
CHARLES L. WITHERSPOON UPI 37-2-29.19	5/3/2005	S.F.	12,314	
THOMAS D. AND PATRICIA J. HINES UPI 37-2-29.18	5/2/2005	S.F.	5,294	

PHASE 2B – VILLAGE OF SADBURYVILLE

GRANTOR	DATE	UNIT	QTY	ORIGINAL COST
JOHN H LYMBERIS AND FOTIOS & YIOTA L. PETROPOULOS UPI 37-2Q-30	6/15/2004	S.F.	8,291	
SADBURY ASSOCIATES, L.P. UPI 37-4-40	6/22/2004	S.F.	637891	
SADBURYVILLE VOLUNTEER FIRE COMPANY UPI 37-4-55	12/22/2004	S.F.	4,620	
SADBURYVILLE VOLUNTEER FIRE COMPANY UPI 37-2Q-44 & 37-4C-11.1	12/28/2004	S.F.	6,129	
JOHN H LYMBERIS UPI 37-2Q-13	7/1/2008	S.F.	3,324	
THOMAS R. AND NANCY J. GREENFIELD UPI 37-2Q-12	6/10/2008	S.F.	1,820	
CHRISTOPHER G. AND HEATHER A. HERSHEY UPI 37-2Q-11	6/10/2008	S.F.	1,114	
JOHN W. AND KATHLEEN A. COLDREN UPI 37-2Q-10	5/29/08	S.F.	1,731	

PHASE 3A – POMEROY HEIGHTS (WASHINGTON LANE & LINCOLN AVENUE)

GRANTOR	DATE	UNIT	QTY	ORIGINAL COST
CHARLES N BURNETT, JR. AND MICHAEL R. SHORT (ORIGINALLY PART OF QUARRY RIDGE SUBDIVISION) UPI 37-4-139	12/2004	S.F.	5,400 +/-	
ANGELA M MARTIN (ORIGINALLY PART OF QUARRY RIDGE SUBDIVISION) UPI 37-4-53.96	12/2004	S.F.	1,875 +/-	
BAKARI & JENNIFER L GREEN (ORIGINALLY PART OF QUARRY RIDGE SUBDIVISION) UPI 37-4-53.95	12/2004	S.F.	1,875 +/-	

PHASE 3B – POMEROY HEIGHTS (REEL STREET)

GRANTOR	DATE	UNIT	QTY	ORIGINAL COST
COSMOS DEVELOPMENT COMPANY UPI 37-4-165 UPI 37-4-166	2/5/2003	S.F.	3,062	\$1.00

PHASE 3B – POMEROY HEIGHTS (NORTH STREET & STOVE PIPE HILL ROAD)

GRANTOR	DATE	UNIT	QTY	ORIGINAL COST
RAYMOND JR. & CAMILLA A. BERKEY UPI 37-4G-35	7/24/2008	S.F.	355	
HARMUN DEVELOPMENT UPI 37-4G-36	9/19/2008	S.F.	1,550	
ERIC J. MARCELLA UPI 37-4G-37	9/29/2008	S.F.	474	

PHASE 4 – VALLEY ROAD

GRANTOR	DATE	UNIT	QTY	ORIGINAL COST
ANN B. MCGRAIL UPI 37-4-69	4/7/2010	S.F.	7,348	
ZOUHONG YIN & XIQUIN QUIN UPI 37-4-88	4/7/2010	S.F.	16,588	
STEVEN AND ROSEMARIE CRANDALL UPI 37-4-88.1	8/2/2010	S.F.	21,015	
RALPH T. & BETTY J. GARRIS UPI 37-4-82	3/14/2010	S.F.	2,074	
RALPH T. & BETTY J. GARRIS UPI 37-4-81	3/14/2010	S.F.	3,001	
RALPH T. & BETTY J. GARRIS UPI 37-4-80.1	3/14/2010	S.F.	215	
RALPH T. & BETTY J. GARRIS UPI 37-4-80	3/14/2010	S.F.	4,643	
MICHAEL F. AND ALIAH M. KINNEY UPI 37-4-78	1/29/2010	S.F.	1,250	
WILBUR N. AND ALICE V. MARSH UPI 37-4-77	1/19/2010	S.F.	2,500	
CHRISTOPHER AND KATHLEEN BOWSER UPI 37-4-86	7/27/2010	S.F.	2,840	
ROBERT P. & VICTORIA G. NUNEMAKER UPI 37-4-85	4/29/2010	S.F.	1,878	
LYNN J. HANNAWAY UPI 37-4-69.4	1/15/2010	S.F.	12,557	
VALLEY EAST PROPERTIES, LLC UPI 37-4-69.1	3/12/2010	S.F.	23,212	

SADSBURY CROSSING (CARR SUBDIVISION)

GRANTOR	DATE	UNIT	QTY	ORIGINAL COST
DAVID J CARR SR. UPI 37-3-23 UPI 37-3-23.15 UPI 37-3-23.16	9/24/2001	S.F.		

QUARRY RIDGE

GRANTOR	DATE	UNIT	QTY	ORIGINAL COST
COSMOS DEVELOPMENT COMPANY UPI 37-4-53.39 UPI 37-4-53.41 UPI 37-4-53.78	12/7/2004	S.F.	23,122	

SADBURY VILLAGE

GRANTOR	DATE	UNIT	QTY	ORIGINAL COST
SADBURY ASSOCIATES, L.P. UPI 37-4-235	9/19/2006	S.F.	38,323	

OCTORARA GLEN

GRANTOR	DATE	UNIT	QTY	ORIGINAL COST
OCTORARA GLEN COMMUNITY ASSOC. UPI 37-4-234	10/7/2008	S.F.	6,036	

COWAN ESTATES

GRANTOR	DATE	UNIT	QTY	ORIGINAL COST
COSMOS PROPERTIES, L.P. UPI 37-4-17.10 UPI 37-4-17.12	10/24/2014	S.F.	31,886	

MAST PROPERTIES

GRANTOR	DATE	UNIT	QTY	ORIGINAL COST
HAROLD K. MAST AND DANIEL L. MAST UPI 37-1-26 UPI 37-1-26.1	3/8/2016	S.F.		

APPENDIX B
DEPRECIABLE PLANT ACCOUNTS
PAYMENT RELEASE CERTIFICATES AND ESTIMATES

SADSBURY TOWNSHIP
CHESTER COUNTY, PA

SANITARY SEWER SYSTEM

ASSESSMENT OF TANGIBLE ASSETS
PURSUANT TO
PUC CODE §1329(A)(4)

JANUARY 30, 2017

**SADBURY SEWER CORPORATION
BID FORMAT
AB PROJECT NO. 8117**

QUANTITY	UNIT OF MEASUREMENT	DESCRIPTION OF ITEM	UNIT PRICE	TOTAL
SEGMENT #5 NORTH OF BUSINESS RT. 30				
1	L.S.	MOBILIZATION	2,500.-	2,500.-
1	L.S.	M&P OF TRAFFIC	1,000.-	1,000.-
1	L.S.	EROSION AND SEDIMENTATION CONTROL	500.-	500.-
2500	L.F.	8" PVC PIPE	26.-	65,000.-
11	EA.	MANHOLES	1,600.-	17,600.-
2	EA.	WATERTIGHT MANHOLES	1,700.-	3,400.-
900.0	S.Y.	SEEDING	1.30	1,170.-
50.0	S.Y.	ID -2 WEARING COURSE PENNDOT ROADWAY	5.00	250.-
50.0	S.Y.	ID -2 BINDER COURSE PENNDOT ROADWAY	6.00	300.-
50.0	S.Y.	BITUMINOUS CONCRETE BASE COURSE PENNDOT ROADWAY	15.00	750.-
60.0	S.Y.	2A STONE	8.00	480.-
		SUBTOTAL		92,950.-
SEGMENT #4 OLD WILMINGTON AND QUARRY ROADS				
1	L.S.	MOBILIZATION	2,500.-	2,500.-
1	L.S.	M&P OF TRAFFIC	5,000.-	5,000.-
1	L.S.	EROSION AND SEDIMENTATION CONTROL	500.-	500.-
1000	L.F.	8" PVC PIPE	28.-	28,000.-
2650	L.F.	10" PVC PIPE	26.-	68,900.-
16	EA.	MANHOLES	1,600.-	25,600.-
2	EA.	WATERTIGHT MANHOLES	1,700.-	3,400.-
1100.0	S.Y.	SEEDING	1.30	1,430.-
200.0	S.Y.	ID-2	5.00	1,000.-
20.0	S.Y.	ID-2 WEARING COURSE PENNDOT ROADWAY	5.00	100.-
20.0	S.Y.	ID-2 BINDER COURSE PENNDOT ROADWAY	6.00	120.-
200.0	S.Y.	BITUMINOUS CONCRETE BASE COURSE	15.00	3,000.-
20.0	S.Y.	BITUMINOUS CONCRETE BASE COURSE PENNDOT ROADWAY	15.00	300.-
250.0	S.Y.	2A STONE	8.00	2,000.-
25	S.Y.	DRIVEWAY RESTORATION	12.00	300.-
1	EA.	CREEK CROSSING (CONCRETE ENCASED)	3,500.-	3,500.-
50	L.F.	WATER MAIN CROSSING -CONCRETE ENCASEMENT	25.-	1,250.-
102	L.F.	10" DIP (FOR STREAM CROSSING)	35.-	3,570.-
		SUBTOTAL		150,470.-
SEGMENT #3 WICK & HANAWAY PROPERTY NEAR BUCK RUN AND NORTH GREENBELT DRIVE				
1	L.S.	SITE CLEARING	12,500.-	12,500.-
1	L.S.	EROSION AND SEDIMENTATION CONTROL	2,000.-	2,000.-
2800	L.F.	8" PVC PIPE	25.-	70,000.-
2150	L.F.	12" PVC PIPE	29.-	63,350.-
23	EA.	WATERTIGHT MANHOLES	1,700.-	39,100.-
2	EA.	BORE PITS	1,000.-	2,000.-
1700.0	S.Y.	SEEDING	1.30	2,210.-
1	EA.	CREEK CROSSING (CONCRETE ENCASED)	3,000.-	3,000.-
164	L.F.	TRANSCO BORE AND JACK OPERATION	400.-	65,600.-
61	L.F.	12" DIP (STREAM CROSSING)	55.-	3,355.-
164	L.F.	8" DIP (FOR BORE AND JACK OPERATION)	10.-	1,640.-
		SUBTOTAL		263,755.-

62,350

SADSBURY SEWER CORPORATION
 BID FORMAT
 AB PROJECT NO. #117

QUANTITY	UNIT OF MEASUREMENT	DESCRIPTION OF ITEM	UNIT PRICE	TOTAL
SEGMENT #2 NORTH GREENBELT DRIVE TO RR CROSSING				
1	L.S.	EROSION AND SEDIMENTATION CONTROL	500.-	500.-
1850	L.F.	12" PVC PIPE	29.-	47,850.-
4	EA.	MANHOLES	1,600.-	6,400.-
5	EA.	WATERTIGHT MANHOLES	1,700.-	8,500.-
1	L.S.	CREEK CROSSING (CONCRETE ENCASED)	3,000.-	3,000.-
64	L.F.	12" DIP (STREAM CROSSING)	50.-	3,200.-
1	L.S.	CLEARING	5,000.-	5,000.-
600 0	S.Y.	SEEDING	1.30	780.-
40	S.Y.	ID-2	5.00	200.-
40	S.Y.	BITUMINOUS CONCRETE BASE COURSE	15.00	600.-
40 0	S.Y.	2A STONE	8.00	320.-
		SUBTOTAL		76,350.-
SEGMENT #1 RR CROSSING TO SEWAGE PUMP STATION				
1	L.S.	EROSION AND SEDIMENTATION CONTROL	1,000.-	1,000.-
1	L.S.	M & P OF TRAFFIC	2,500.-	2,500.-
900	L.F.	12" PVC PIPE	34.-	30,600.-
2800	L.F.	15" PVC PIPE	32.-	89,600.-
349	L.F.	12" DIP (FOR BORE AND JACK OPERATIONS)	17.-	5,933.-
14	EA.	MANHOLES	2,500.-	35,000.-
4	EA.	WATERTIGHT MANHOLES	2,600.-	10,400.-
160	L.F.	ABANDONED RR -BORE AND JACK OPERATION (STEEL ENCASED)	475.-	76,000.-
170	L.F.	AMTRAK RR - BORE AND JACK OPERATION (STEEL ENCASED)	550.-	93,500.-
4	EA.	BORE PITS	1,000.-	4,000.-
1	L.S.	CLEARING	7,500.-	7,500.-
1200.0	S.Y.	SEEDING	1.30	1,560.-
40 0	S.Y.	ID-2 WEARING COURSE	5.00	200.-
25.0	S.Y.	ID-2 WEARING COURSE PENNDOT ROADWAY	5.00	125.-
25.0	S.Y.	ID-2 BINDER COURSE PENNDOT ROADWAY	6.00	150.-
40 0	S.Y.	BITUMINOUS CONCRETE BASE COURSE	15.00	600.-
25.0	S.Y.	BITUMINOUS CONCRETE BASE COURSE PENNDOT ROADWAY	15.00	375.-
70 0	S.Y.	2A STONE	8.00	560.-
		SUBTOTAL		359,603.-
FORCE MAIN AND PUMP STATION				
1	L.S.	EROSION AND SEDIMENTATION CONTROL	1,000.-	1,000.-
1	L.S.	MAINTENANCE AND PROTECTION OF TRAFFIC	2,500.-	2,500.-
3400	L.F.	10" FORCE MAIN	25.-	85,000.-
3	EA.	CLEAN OUT/ MAINTAIN PITS	2,500.-	7,500.-
1200 0	S.Y.	SEEDING	1.30	1,560.-
40 0	S.Y.	ID-2	5.00	200.-
40.0	S.Y.	BITUMINOUS CONCRETE BASE COURSE	15.00	600.-
50.0	S.Y.	2A STONE	8.00	400.-
1	L.S.	GORMAN RUPP PUMP STATION MODEL T8A3-B	225,000.-	225,000.-
1	L.S.	EMERGENCY GENERATOR (133 KW) NATURAL GAS	40,000.-	40,000.-
		COMPLETE WITH CONCRETE PAD		
1	L.S.	SITWORK	25,000.-	25,000.-
285	L.F.	FENCE	36.-	10,260.-
1	L.S.	10" DIAMETER WET WELL	75,000.-	75,000.-
1	L.S.	SEWAGE WASTE GRINDER	35,000.-	35,000.-
40	S.Y.	ID-2 WEARING COURSE PENNDOT ROADWAY	5.00	200.-
40	S.Y.	ID-2 BINDER COURSE PENNDOT ROADWAY	6.00	240.-
40	S.Y.	BITUMINOUS CONCRETE BASE COURSE PENNDOT ROADWAY	15.00	600.-
		SUBTOTAL		510,060.-
		SUBTOTAL SEGMENT #5		92,956.-
		SUBTOTAL SEGMENT #4		150,470.-
		SUBTOTAL SEGMENT #3		263,755.-
		SUBTOTAL SEGMENT #2		76,350.-
		SUBTOTAL SEGMENT #1		359,603.-
		SUBTOTAL FORCE MAIN & PUMP STATION		510,060.-
20	DAYS	GEO-TECHNICAL SERVICE (COMPACTION)	160.-	3,200.-
2600	CY	ROCK EXCAVATION	35.-	91,000.-
		CONSTRUCTION COST		1,547,388.-
1	L.S.	ALTERNATE #1--OPEN CUT TRANSCO PIPELINE CROSSING		49,200.-
1	L.S.	ALTERNATE #2--ALTERNATIVE PUMP STATION		185,000.-
36	EA	SEWER LATERAL CONNECTIONS	650.-	23,400.-

Certificate No. For The Construction of Sanitary Sewers For The Village of Pomeroy

Contractor: Anrich, Inc.
 1271 South Gulph Road
 Wayne, Pa. 19087

Original Contract Price: \$ 711,000.00

Item No.	Quantity	Description	Unit Price	Contract Value	Quantity Completed	Quantity Remaining	\$ Amount Completed
1	Lump Sum	Main. & Prot. of Traffic	\$3,500.00	\$3,500.00	100%	0%	\$3,500.00
2	Lump Sum	Clear., Grubb., E & S Controls	\$5,000.00	\$5,000.00	100%	0%	\$5,000.00
3	4380 L.F.	8" SDR-35 PVC Pipe 0' to 10'	\$44.00	\$192,720.00	5620	-	\$247,280.00
4	2500 L.F.	8" SDR-35 PVC Pipe 10' to 14'	\$50.00	\$125,000.00	1681	\$19	\$84,050.00
5	980 L.F.	8" SDR-35 PVC Pipe Over 14'	\$58.00	\$56,840.00	559	421	\$32,422.00
6	22 Each	Precast Manholes 0' to 10'	\$1,600.00	\$35,200.00	30	-	\$48,000.00
7	15 Each	Precast Manholes 10' to 14'	\$2,200.00	\$33,000.00	9	6	\$19,800.00
8	8 Each	Precast Manholes Over 14'	\$2,600.00	\$20,800.00	4	4	\$10,400.00
9	30 V.F.	Drop Manhole Pipe Connection	\$100.00	\$3,000.00	30	0	\$3,000.00
10	116 Each	Lateral Wyes 8" x 4"	\$20.00	\$2,320.00	115	1	\$2,300.00
11	4 Each	Lateral Wyes 8" x 6"	\$20.00	\$80.00	8	-	\$160.00
12	2050 L.F.	4" SDR-35 PVC Lateral Pipe	\$20.00	\$41,000.00	1952	98	\$39,040.00
13	100 L.F.	6" SDR-35 PVC Lateral Pipe	\$22.00	\$2,200.00	201	-	\$4,421.00
14	116 Each	4" SDR-35 PVC Flange Cap	\$15.00	\$1,740.00	114	2	\$1,710.00
15	4 Each	6" SDR-35 PVC Flange Cap	\$15.00	\$60.00	12	-	\$180.00
16	25 L.F.	Concrete Encasement	\$50.00	\$1,250.00	25	0	\$1,250.00
17	1325 S.Y.	Temporary Trench Restoration	\$4.00	\$6,100.00	1529	-	\$6,116.00
18	1430 S.Y.	Township Trench Restoration	\$25.00	\$35,750.00	2260	-	\$56,500.00
19	95 S.Y.	Pa. DOT Trench Restoration	\$35.00	\$3,325.00	100	-	\$3,500.00
20	135 S.Y.	Driveway Restoration	\$15.00	\$2,025.00	152	-	\$2,280.00
21	745 S.Y.	Trench Restoration Outside Pav.	\$2.00	\$1,490.00	745	0	\$1,490.00
22	390 S.Y.	Township Alley Restoration	\$12.00	\$4,680.00	390	0	\$4,680.00
23	8145 C.Y.	Select 2RC Backfill	\$16.00	\$130,320.00	8145	0	\$130,320.00
24	200 C.Y.	Select 2B Stone	\$18.00	\$3,600.00	200	0	\$3,600.00
Total Amount of Completed Work							\$711,000.00
Less Retainage							\$0.00
Less Certificates # 1, #2, #3, #4, & #5							\$675,450.00
AMOUNT APPROVED FOR RELEASE THIS CERTIFICATE							\$35,550.00

James W. MacCombie, P.E., P.L.S.
 12/4/00

Certificate No. 15 & Final Sanitary Sewer Construction for Phases 1B, 3A, Reel Street & Greenbelt Drive

Contractor: N. Abbonizio Contractors, Inc.
 1250 Conshohocken Road
 Conshohocken, Pa. 19428
 Original Contract Price: \$1,170,980.00

Item No.	Quantity	Description	Unit Price	Contract Value	Quantity Completed	Quantity Remaining	\$ Amount Completed
1	Lump Sum	Main. & Prot. of Traffic	\$4,300.00	\$4,300.00	100%	0%	\$4,300.00
2	Lump Sum	Clear., Grubb., E & S Controls	\$100.00	\$100.00	100%	0%	\$100.00
3	250 L.F.	8" SDR-35 PVC Pipe 0' to 8'	\$40.00	\$10,000.00	174	76	\$6,960.00
4	490 L.F.	8" SDR-35 PVC Pipe 8' to 10'	\$43.00	\$21,070.00	468	22	\$20,124.00
5	675 L.F.	8" SDR-35 PVC Pipe 10' to 12'	\$56.00	\$37,800.00	639	36	\$35,784.00
6	275 L.F.	8" SDR-35 PVC Pipe 12' to 14'	\$70.00	\$19,250.00	207	68	\$14,490.00
7	75 L.F.	8" SDR-35 PVC Pipe 14' to 16'	\$85.00	\$6,375.00	85	0	\$7,225.00
8	4 Each	Precast Manholes 0' to 8'	\$1,800.00	\$7,200.00	4	0	\$7,200.00
9	2 Each	Precast Manholes 8' to 10'	\$2,100.00	\$4,200.00	2	0	\$4,200.00
10	1 Each	Precast Manhole 10' to 12'	\$2,500.00	\$2,500.00	1	0	\$2,500.00
11	2 Each	Precast Manholes 14' to 16'	\$3,500.00	\$7,000.00	2	0	\$7,000.00
12	1 Each	Precast Doghouse Manhole	\$2,000.00	\$2,000.00	1	0	\$2,000.00
13	20 Each	Lateral Wyes 8"x6"	\$80.00	\$1,600.00	19	1	\$1,520.00
14	250 L.F.	6" SDR-35 PVC Laterals	\$50.00	\$12,500.00	354	0	\$17,700.00
15	20 Each	6" Flange Cap	\$10.00	\$200.00	19	1	\$190.00
16	1,525 C.Y.	2A Modified Backfill	\$15.00	\$22,875.00	566	959	\$8,490.00
17	535 C.Y.	#57 Stone	\$19.00	\$10,165.00	280	255	\$5,320.00
18	20 S.Y.	6" B.C.B.C.	\$25.00	\$500.00	0	20	\$0.00
19	40 S.Y.	2" ID-2 Wearing Course	\$6.50	\$260.00	40	0	\$260.00
20	250 S.Y.	5" Superpave HMA Base	\$21.00	\$5,250.00	2384	0	\$50,064.00
21	250 S.Y.	2" Superpave HMA Binder	\$7.00	\$1,750.00	0	250	\$0.00
22	500 S.Y.	1 1/2" Superpave HMA Wear. Crse.	\$6.00	\$3,000.00	500	0	\$3,000.00
23	1,000 L.F.	Off Street Trench Restoration	\$2.00	\$2,000.00	2748	0	\$5,496.00
24	750 S.Y.	6" Min. Compacted Depth Restoration	\$8.00	\$6,000.00	750	0	\$6,000.00
25	500 L.F.	Temporary Paving	\$3.00	\$1,500.00	81	419	\$243.00
26	1,000 L.F.	Saw Cut	\$1.00	\$1,000.00	1000	0	\$1,000.00
27	Lump Sum	Main. & Prot. of Traffic	\$8,000.00	\$8,000.00	100%	0%	\$8,000.00
28	Lump Sum	Clear., Grubb., E & S Controls	\$100.00	\$100.00	100%	0%	\$100.00
29	250 L.F.	8" SDR-35 PVC Pipe 0' to 8'	\$40.00	\$10,000.00	696	0	\$27,840.00
30	1,500 L.F.	8" SDR-35 PVC Pipe 8' to 10'	\$43.00	\$64,500.00	4193	0	\$180,299.00
Sheet Total							\$427,405.00

Certificate No. 15 & Final Sanitary Sewer Construction for Phases 1B, 3A, Reel Street & Greenbelt Drive

Item No.	Quantity	Description	Unit Price	Contract Value	Quantity Completed	Quantity Remaining	\$ Amount Completed
31	4,350 L.F.	8" SDR-35 PVC Pipe 10' to 12'	\$56.00	\$243,600.00	2097	2233	\$117,432.00
32	750 L.F.	8" SDR-35 PVC Pipe 12' to 14'	\$70.00	\$52,500.00	932	0	\$65,240.00
33	700 L.F.	8" SDR-35 PVC Pipe 14' to 16'	\$85.00	\$59,500.00	980	0	\$83,300.00
34	3 Each	Precast Manholes 0' to 8'	\$1,800.00	\$5,400.00	7	0	\$12,600.00
35	6 Each	Precast Manholes 8' to 10'	\$2,100.00	\$12,600.00	15	0	\$31,500.00
36	9 Each	Precast Manholes 10' to 12'	\$2,500.00	\$22,500.00	7	2	\$17,500.00
37	4 Each	Precast Manhole 12' to 14'	\$3,000.00	\$12,000.00	3	1	\$9,000.00
38	1 Each	Precast Manhole 14' to 16'	\$3,500.00	\$3,500.00	2	0	\$7,000.00
39	1 Each	Precast Manhole 16'+	\$4,000.00	\$4,000.00	2	0	\$8,000.00
40	115 Each	Lateral Wyes 8"x6"	\$80.00	\$9,200.00	142	0	\$11,360.00
41	2,300 L.F.	6" SDR-35 PVC Lateral	\$50.00	\$115,000.00	2300	0	\$115,000.00
42	115 Each	6" Flange Cap	\$10.00	\$1,150.00	142	0	\$1,420.00
43	6,920 C.Y.	2A Modified Backfill	\$15.00	\$103,800.00	3515	3405	\$52,725.00
44	600 C.Y.	#57 Stone	\$19.00	\$11,400.00	600	0	\$11,400.00
45	75 L.F.	Concrete Encasement	\$30.00	\$2,250.00	0	75	\$0.00
46	3,850 S.Y.	6" B.C.B.C.	\$24.00	\$92,400.00	0	3850	\$0.00
47	3,850 S.Y.	2" ID-2 Wearing Course	\$6.50	\$25,025.00	425	3425	\$2,762.50
48	600 S.Y.	5" Superpave HMA Base Course	\$21.00	\$12,600.00	775	0	\$16,275.00
49	600 S.Y.	2" Superpave HMA Binder Course	\$6.00	\$3,600.00	15201	0	\$91,206.00
50	1,500 S.Y.	1 1/2" Superpave HMA Wear. Crse.	\$5.50	\$8,250.00	19011	0	\$104,560.50
51	450 L.F.	Off-Street Trench Restoration	\$2.00	\$900.00	13179	0	\$26,358.00
52	8,150 L.F.	Temporary Paving	\$2.00	\$16,300.00	7488	662	\$14,976.00
53	16,300 L.F.	Saw Cut	\$1.00	\$16,300.00	16300	0	\$16,300.00
54	35 L.F.	Repl. Exist. 6" Pipe with 14"x23" ROCP	\$106.00	\$3,710.00	35	0	\$3,710.00
55	35 L.F.	Repl. Exist. 15" Pipe with 18" RCCP	\$82.00	\$2,870.00	75	0	\$6,150.00
56	10 Y.F.	Drop Manhole Connection	\$200.00	\$2,000.00	6	4	\$1,200.00
57	Lump Sum	Main. & Prot. of Traffic	\$3,100.00	\$3,100.00	100%	0%	\$3,100.00
58	Lump Sum	Clear., Grubb., E & S Controls	\$100.00	\$100.00	100%	0%	\$100.00
59	375 L.F.	8" SDR-35 PVC Pipe 0' to 8"	\$40.00	\$15,000.00	375	0	\$15,000.00
60	50 L.F.	8" SDR-35 PVC Pipe 12' to 14'	\$70.00	\$3,500.00	50	0	\$3,500.00
61	1 Each	Precast Manhole 0' to 8'	\$1,800.00	\$1,800.00	1	0	\$1,800.00
62	1 Each	Precast Manhole 12' to 14'	\$3,000.00	\$3,000.00	1	0	\$3,000.00
63	3 Each	Lateral Wyes 8"x6"	\$80.00	\$240.00	3	0	\$240.00
64	75 L.F.	6" SDR-35 PVC Lateral Pipe	\$50.00	\$3,750.00	75	0	\$3,750.00
Sheet Total							\$857,465.00

Certificate No. 15 & Final Sanitary Sewer Construction for Phases 1B, 3A, Reel Street & Greenbelt Drive

Item No.	Quantity	Description	Unit Price	Contract Value	Quantity Completed	Quantity Remaining	\$ Amount Completed
65	3 Each	6" Flange Cap	\$10.00	\$30.00	3	0	\$30.00
66	135 C.Y.	2A Modified Backfill	\$15.00	\$2,025.00	111	24	\$1,665.00
67	50 C.Y.	#57 Stone	\$19.00	\$950.00	0	50	\$0.00
68	500 S.Y.	6" B.C.B.C.	\$24.00	\$12,000.00	0	500	\$0.00
69	750 S.Y.	2" ID-2 Wearing Course	\$6.50	\$4,875.00	48	702	\$312.00
70	80 L.F.	Off-Street Restoration	\$2.00	\$160.00	80	0	\$160.00
71	525 L.F.	Temporary Paving	\$2.00	\$1,050.00	0	525	\$0.00
72	1,050 L.F.	Saw Cut	\$1.00	\$1,050.00	1050	0	\$1,050.00
73	10 V.F.	Drop Manhole Connection	\$200.00	\$2,000.00	5	5	\$1,000.00
74	Lump Sum	Modify Existing Manhole	\$1,000.00	\$1,000.00	100%	0%	\$1,000.00
Sheet Total							\$5,217.00
Sheet 1 Total							\$427,405.00
Sheet 2 Total							\$857,465.00
TOTAL OF ALL COMPLETED WORK							\$1,290,087.00

TOTAL AMOUNT OF WORK COMPLETED \$1,290,087.00
LESS RETAINAGE \$0.00
LESS PREVIOUS RELEASE CERTIFICATES #1, #2, #3, #4, #5, #6, #7, #8, #9, #10, #11, #12, #13, & #14 \$1,257,834.83

TOTAL AMOUNT APPROVED FOR RELEASE THIS CERTIFICATE \$32,252.17

James W. MacCombie, P.E., P.L.S.
 Sadsbury Township Engineer (8/2/05)

Certificate No. 14 Sanitary Sewer Construction for Phases 2A and Springview Manor Sewers

Contractor: N. Abbonizio Contractors, Inc.
 1250 Conshohocken Road
 Conshohocken, Pa. 19428
 Original Contract Price: \$1,213,902.00

Item No.	Quantity	Description	Unit Price	Contract Value	Quantity Completed	Quantity Remaining	\$ Amount Completed
1	Lump Sum	Main. & Prot. of Traffic	\$17,750.00	\$17,750.00	100%	0%	\$17,750.00
2	Lump Sum	Clear., Grubb., E & S Controls	\$8,800.00	\$8,800.00	100%	0%	\$8,800.00
3	980 L.F.	8" SDR-35 PVC Pipe 0' to 8'	\$55.00	\$53,900.00	1259	0	\$69,245.00
4	1,645 L.F.	8" SDR-35 PVC Pipe 8' to 10'	\$65.00	\$106,925.00	2242	0	\$145,730.00
5	625 L.F.	8" SDR-35 PVC Pipe 10' to 12'	\$75.00	\$46,875.00	964	0	\$72,300.00
6	1,265 L.F.	8" SDR-35 PVC Pipe 12' to 14'	\$85.00	\$107,525.00	1537	0	\$130,645.00
7	135 L.F.	8" SDR-35 PVC Pipe 14' to 16'	\$102.00	\$13,770.00	340	0	\$34,680.00
8	90 L.F.	8" Ductile Iron Pipe 8' to 10'	\$79.00	\$7,110.00	30	60	\$2,370.00
9	360 L.F.	8" Ductile Iron Pipe 14' to 16'	\$112.00	\$40,320.00	240	120	\$26,880.00
10	255 L.F.	8" Ductile Iron Pipe 16'+	\$167.00	\$42,585.00	175	80	\$29,225.00
11	185 L.F.	8" Ductile Iron Pipe in Casing	\$91.00	\$16,835.00	185	0	\$16,835.00
12	185 L.F.	Bore and Jack 24" Schedule 40 Casing	\$936.00	\$173,160.00	185	0	\$173,160.00
13	2 Each	Precast Manholes 0' to 8'	\$2,200.00	\$4,400.00	4	0	\$8,800.00
14	6 Each	Precast Manholes 8' to 10'	\$2,500.00	\$15,000.00	12	0	\$30,000.00
15	4 Each	Precast Manholes 10' to 12'	\$2,900.00	\$11,600.00	3	1	\$8,700.00
16	5 Each	Precast Manholes 12' to 14'	\$3,300.00	\$16,500.00	5	0	\$16,500.00
17	3 Each	Precast Manholes 14' to 16'	\$3,800.00	\$11,400.00	3	0	\$11,400.00
18	2 Each	Precast Manholes 16'+	\$5,000.00	\$10,000.00	2	0	\$10,000.00
19	28 Each	Lateral Wyes 8"x6"	\$64.00	\$1,792.00	48	0	\$3,072.00
20	280 L.F.	6" SDR-35 PVC Laterals	\$85.00	\$23,800.00	474	0	\$40,290.00
21	28 Each	6" Flange Cap	\$15.00	\$420.00	43	0	\$645.00
22	420 C.Y.	2A Modified Backfill	\$22.00	\$9,240.00	229	191	\$5,038.00
23	625 C.Y.	#57 Stone	\$30.00	\$18,750.00	157	468	\$4,710.00
24	110 S.Y.	5' B.C.B.C.	\$35.00	\$3,850.00	50	60	\$1,750.00
25	350 S.Y.	1" ID-2 Wearing Course	\$10.00	\$3,500.00	350	0	\$3,500.00
26	15 S.Y.	2" ID-2 Wearing Course Driveway Restr.	\$82.00	\$1,230.00	15	0	\$1,230.00
27	5,000 L.F.	Off Street Trench Restoration	\$4.00	\$20,000.00	6115	0	\$24,460.00
28	215 L.F.	Temporary Paving	\$5.00	\$1,075.00	140	75	\$700.00
29	430 L.F.	Saw Cut	\$2.00	\$860.00	285	145	\$570.00
30	20 V.F.	Drop Manhole Connection	\$150.00	\$3,000.00	11.5	8.5	\$1,715.00
31	Lump Sum	Fill Void between Casing and Carrier Pipe	\$2,000.00	\$2,000.00	100.00%	0.00%	\$2,000.00
Sheet Total				\$793,972.00			\$902,710.00

Certificate No. 14 Sanitary Sewer Construction for Phases 2A and Springview Manor Sewers

Item No.	Quantity	Description	Unit Price	Contract Value	Quantity Completed	Quantity Remaining	\$ Amount Completed
32	Lump Sum	Main. & Prot. of Traffic	\$6,500.00	\$6,500.00	100%	0%	\$6,500.00
33	Lump Sum	Clear., Grubb., E & S Controls	\$2,250.00	\$2,250.00	100%	0%	\$2,250.00
34	635 L.F.	8" SDR-35 PVC Pipe 0' to 8'	\$55.00	\$34,925.00	40	595	\$2,200.00
35	65 L.F.	8" SDR-35 PVC Pipe 8' to 10'	\$65.00	\$4,225.00	229	0	\$14,885.00
36	65 L.F.	8" SDR-35 PVC Pipe 10' to 12'	\$75.00	\$4,875.00	488	0	\$36,600.00
37	165 L.F.	8" SDR-35 PVC Pipe 12' to 14'	\$85.00	\$14,025.00	0	165	\$0.00
38	3 Each	Precast Manholes 0' to 8'	\$2,200.00	\$6,600.00	2	1	\$4,400.00
39	1 Each	Precast Manholes 10' to 12'	\$2,500.00	\$2,500.00	2	0	\$5,000.00
40	12 Each	Lateral Wyes 8"x6"	\$64.00	\$768.00	9	3	\$576.00
41	250 L.F.	6" SDR-35 PVC Lateral	\$65.00	\$16,250.00	143	107	\$9,295.00
42	12 Each	6" Flange Cap	\$15.00	\$180.00	9	3	\$135.00
43	450 C.Y.	2A Modified Backfill	\$22.00	\$9,900.00	160	290	\$3,520.00
44	110 C.Y.	#57 Stone	\$30.00	\$3,300.00	70	40	\$2,100.00
45	445 S.Y.	5" B.C.B.C.	\$28.00	\$12,460.00	0	445	\$0.00
46	1,600 S.Y.	2" ID-2 Wearing Course	\$8.00	\$12,800.00	1600	0	\$12,800.00
47	165 L.F.	Off-Street Trench Restoration	\$5.00	\$825.00	165	0	\$825.00
48	765 L.F.	Temporary Paving	\$5.00	\$3,825.00	0	765	\$0.00
49	1,550 L.F.	Saw Cut	\$1.00	\$1,550.00	510	1040	\$510.00
50	10 Y.F.	Drop Manhole Connection	\$150.00	\$1,500.00	2	8	\$300.00
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51	Lump Sum	Main. & Prot. of Traffic	\$11,500.00	\$11,500.00	100%	0%	\$11,500.00
52	Lump Sum	Clear., Grubb., E & S Controls	\$4,500.00	\$4,500.00	100%	0%	\$4,500.00
53	245 L.F.	8" SDR-35 PVC Pipe 0' to 10'	\$65.00	\$15,925.00	509	0	\$33,085.00
54	105 L.F.	8" SDR-35 PVC Pipe 10' to 12'	\$75.00	\$7,875.00	254	0	\$19,050.00
55	310 L.F.	8" SDR-35 PVC Pipe 12' to 14'	\$85.00	\$26,350.00	536	0	\$45,560.00
56	875 L.F.	8" SDR-35 PVC Pipe 14' to 16'	\$102.00	\$89,250.00	297	578	\$30,294.00
57	2 Each	Precast Manhole 0' to 10'	\$2,500.00	\$5,000.00	3	0	\$7,500.00
58	1 Each	Precast Manhole 12' to 14'	\$3,300.00	\$3,300.00	2	0	\$6,600.00
59	4 Each	Precast Manhole 14' to 16'	\$3,800.00	\$15,200.00	2	2	\$7,600.00
60	8 Each	Lateral Wyes 8"x6"	\$64.00	\$512.00	18	0	\$1,152.00
61	125 L.F.	6" SDR-35 PVC Lateral Pipe	\$85.00	\$10,625.00	651	0	\$55,335.00
62	8 Each	6" Flange Cap	\$15.00	\$120.00	18	0	\$270.00
63	1,370 C.Y.	2A Modified Backfill	\$22.00	\$30,140.00	333	1037	\$7,316.00
64	195 C.Y.	#57 Stone	\$30.00	\$5,850.00	30	165	\$900.00
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Sheet Total				\$365,405.00			\$332,568.00

Certificate No. 14 Sanitary Sewer Construction for Phases 2A and Springview Manor Sewers

Item No.	Quantity	Description	Unit Price	Contract Value	Quantity Completed	Quantity Remaining	\$ Amount Completed
65	620 S.Y.	5" B.C.B.C.	\$28.00	\$17,360.00	130	490	\$3,640.00
66	2,325 S.Y.	2" ID-2 Wearing Course	\$8.00	\$18,600.00	2916	0	\$23,328.00
67	400 L.F.	Off-Street Restoration	\$5.00	\$2,000.00	520	0	\$2,600.00
68	1,200 L.F.	Temporary Paving	\$5.00	\$6,000.00	65	1135	\$325.00
69	2,400 L.F.	Saw Cut	\$1.00	\$2,400.00	413	1987	\$413.00
70	115 S.Y.	5" Superpave HMA Base Course PG 64-22	\$37.00	\$4,255.00	114	1	\$4,218.00
71	115 S.Y.	2" Superpave HMA Binder Course PG64-22	\$14.00	\$1,610.00	5877	0	\$82,278.00
72	230 S.Y.	1-1/2" Superpave HMA Wearing Crse. PG64-22	\$10.00	\$2,300.00	230	0	\$2,300.00
				\$54,525.00			\$119,102.00
Sheet Total							\$119,102.00
Sheet 1 Total							\$902,710.00
Sheet 2 Total							\$332,568.00
TOTAL OF ALL COMPLETED WORK							\$1,354,380.00

TOTAL AMOUNT OF WORK COMPLETED	\$1,354,380.00
LESS RETAINAGE	\$0.00
LESS PREVIOUS RELEASE CERTIFICATES #1, #2, #3, #4, #5, #6, #7, #8, #9, #10, #11, #12, & #13	<u>\$1,315,411.50</u>
TOTAL AMOUNT APPROVED FOR FINAL RELEASE THIS CERTIFICATE	\$38,968.50

James W. MacCombie, P.E., P.L.S.
Sadsbury Township Engineer (12/4/07)

CONSTRUCTION OF SANITARY SEWER EXTENSION - PHASE 2B & 3B
Sadsbury Township, Chester County
Wexcon Inc.
379 Tilden Road, Mohrsville, PA 19541

RELEASE REQUEST: # 5 - FINAL
DATE: 7/31/2009

ITEM	DESCRIPTION	UNIT	QTY	UNIT PRICE	CONTRACT VALUE	QUANTITY COMPLETED	QUANTITY REMAINING	TOTAL COMPLETED	TOTAL REMAINING
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PHASE 2B - Morris Lane & Lincoln Highway Extension

1	Maintenance & Protection of Traffic	L.S.	1	\$3,760.00	\$3,760.00	100%	0%	\$3,760.00	\$0.00
2	Clearing, Grubbing & Erosion Control	L.S.	1	\$1,880.00	\$1,880.00	100%	0%	\$1,880.00	\$0.00
3	8" SDR-35 PVC 0-8 Feet	L.F.	115	\$45.25	\$5,203.75	260.00	0.00	\$11,765.00	\$0.00
4	8" SDR-35 PVC 8-10 Feet	L.F.	670	\$47.00	\$31,490.00	766.00	0.00	\$36,002.00	\$0.00
5	8" SDR-35 PVC 10-12 Feet	L.F.	355	\$51.50	\$18,282.50	129.00	0.00	\$6,643.50	\$0.00
6	Pre-Cast Manhole 0-8 Feet	EA.	1	\$2,550.00	\$2,550.00	1.00	0.00	\$2,550.00	\$0.00
7	Pre-Cast Manhole 8-10 Feet	EA.	2	\$2,670.00	\$5,340.00	2.00	0.00	\$5,340.00	\$0.00
8	Pre-Cast Manhole 10-12 Feet	EA.	1	\$3,050.00	\$3,050.00	1.00	0.00	\$3,050.00	\$0.00
9	Lateral Wyes	EA.	15	\$435.00	\$6,525.00	12.00	0.00	\$5,220.00	\$0.00
10	6" SDR-35 PVC Lateral	L.F.	170	\$31.25	\$5,312.50	155.00	0.00	\$4,843.75	\$0.00
11	6" SDR-35 PVC Flange Cap and Lateral Marker	EA.	15	\$15.00	\$225.00	10.00	0.00	\$150.00	\$0.00
12	2A Modified Backfill	C.Y.	1,035	\$34.00	\$35,190.00	237.25	797.75	\$8,066.50	\$27,123.50
13	#57 Stone Bedding	C.Y.	125	\$43.00	\$5,375.00	14.00	111.00	\$602.00	\$4,773.00
14	2" Superpave HMA Binder Morris Overlay	S.Y.	1,700	\$12.50	\$21,250.00	1720.00	0.00	\$21,500.00	\$0.00
15	1 1/2" Superpave HMA Wearing Morris Overlay	S.Y.	1,700	\$9.00	\$15,300.00	1720.00	0.00	\$15,480.00	\$0.00
16	2" Bituminous Wearing Driveway Restoration	S.Y.	40	\$55.00	\$2,200.00	0.00	40.00	\$0.00	\$2,200.00
17	Typical Off-Street Restoration-PADOT ROW	L.F.	400	\$5.50	\$2,200.00	400.00	0.00	\$2,200.00	\$0.00
18	Temporary Paving	L.F.	800	\$8.25	\$6,600.00	395.00	405.00	\$3,258.75	\$3,341.25
19	Saw Cut	L.F.	1,750	\$1.25	\$2,187.50	114.00	0.00	\$142.50	\$0.00
20	Drop Manhole Connection	V.F.	6	\$325.00	\$1,950.00	8.08	0.00	\$2,626.00	\$0.00
21	Core Drill Existing Manhole	EA.	1	\$1,560.00	\$1,560.00	3.00	0.00	\$4,680.00	\$0.00
22	5" Superpave HMA Base PADOT Restoration	S.Y.	45	\$50.00	\$2,250.00	40.00	5.00	\$2,000.00	\$250.00
23	2" Superpave HMA Binder PADOT Restoration	S.Y.	45	\$15.00	\$675.00	40.00	5.00	\$600.00	\$75.00
24	1 1/2" Superpave HMA Wearing PADOT Restoration	S.Y.	40	\$12.00	\$480.00	35.00	5.00	\$420.00	\$60.00
25	Line Stripping, Stop Bar, Pavement Markings	L.S.	1	\$1,650.00	\$1,650.00	0%	100%	\$0.00	\$1,650.00
Subtotal - Phase 2B					\$182,486.25	78.24%	21.76%	\$142,780.00	\$39,472.75

Phase 2B Alternates

A-1	5' Sidewalk	S.Y.	275	\$70.00	\$19,250.00	281	0	\$19,670.00	\$0.00
A-2	Dry Laid Stone Retaining Wall	S.F.	250	\$5.50	\$1,375.00	250	0	\$1,375.00	\$0.00
Subtotal - Phase 2B - Alternatives					\$20,625.00	102.04%	-2.04%	\$21,045.00	\$0.00

ITEM	DESCRIPTION	UNIT	QTY	UNIT PRICE	CONTRACT VALUE	QUANTITY COMPLETED	QUANTITY REMAINING	TOTAL COMPLETED	TOTAL REMAINING
PHASE 3B - Stove Pipe Hill Road, North Street and Old Wilmington Road									
26	Maintenance & Protection of Traffic	L.S.	1	\$7,550.00	\$7,550.00	100%	0%	\$7,550.00	\$0.00
27	Clearing, Grubbing & Erosion Control	L.S.	1	\$2,685.00	\$2,685.00	100%	0%	\$2,685.00	\$0.00
28	8" SDR-35 PVC 0-8 Feet	L.F.	950	\$45.00	\$42,750.00	1035.00	0.00	\$46,575.00	\$0.00
29	8" SDR-35 PVC 8-10 Feet	L.F.	570	\$46.75	\$26,647.50	482.25	0.00	\$22,545.19	\$0.00
30	8" SDR-35 PVC 10-12 Feet	L.F.	180	\$51.25	\$9,225.00	213.00	0.00	\$10,916.25	\$0.00
31	8" SDR-35 PVC 12-14 Feet	L.F.	170	\$57.50	\$9,775.00	154.00	0.00	\$8,855.00	\$0.00
32	8" SDR-35 PVC 14-16 Feet	L.F.	120	\$71.75	\$8,610.00	120.00	0.00	\$8,610.00	\$0.00
33	8" Ductile Iron Pipe 0-8 Feet	L.F.	15	\$58.75	\$881.25	75.00	0.00	\$4,406.25	\$0.00
34	8" Ductile Iron Pipe 8-10 Feet	L.F.	15	\$61.50	\$922.50	13.00	0.00	\$799.50	\$0.00
35	8" Ductile Iron Pipe 10-12 Feet	L.F.	40	\$67.00	\$2,680.00	84.00	0.00	\$5,628.00	\$0.00
36	8" Ductile Iron Pipe 12-14 Feet	L.F.	40	\$74.75	\$2,990.00	17.00	0.00	\$1,270.75	\$0.00
37	8" Ductile Iron Pipe 14-16 Feet	L.F.	155	\$89.00	\$13,795.00	111.00	0.00	\$9,879.00	\$0.00
38	8" Ductile Iron Pipe 16+ Feet	L.F.	135	\$120.00	\$16,200.00	154.00	0.00	\$18,480.00	\$0.00
39	Pre-Cast Manhole 0-8 Feet	L.F.	4	\$2,550.00	\$10,200.00	4.00	0.00	\$10,200.00	\$0.00
40	Pre-Cast Manhole 8-10 Feet	L.F.	3	\$2,660.00	\$7,980.00	2.00	0.00	\$5,320.00	\$0.00
41	Pre-Cast Manhole 10-12 Feet	L.F.	1	\$3,050.00	\$3,050.00	1.00	0.00	\$3,050.00	\$0.00
42	Pre-Cast Manhole 14-16 Feet	L.F.	1	\$3,525.00	\$3,525.00	2.00	0.00	\$7,050.00	\$0.00
43	Pre-Cast Manhole 16+ Feet	L.F.	1	\$4,780.00	\$4,780.00	1.00	0.00	\$4,780.00	\$0.00
44	Lateral Wyes - SDR-35 PVC	EA.	15	\$435.00	\$6,525.00	15.00	0.00	\$6,525.00	\$0.00
45	Lateral Wyes - Ductile Iron	EA.	5	\$1,000.00	\$5,000.00	6.00	0.00	\$6,000.00	\$0.00
46	6" SDR-35 PVC Lateral	L.F.	460	\$31.25	\$14,375.00	497.50	0.00	\$15,546.88	\$0.00
47	6" SDR-35 PVC Flange Cap and Lateral Marker	EA.	20	\$15.00	\$300.00	22.00	0.00	\$330.00	\$0.00
48	2A Modified Backfill	C.Y.	2,365	\$34.00	\$80,410.00	349.90	2015.10	\$11,896.60	\$68,513.40
49	#57 Stone Bedding	C.Y.	50	\$40.00	\$2,000.00	0.00	50.00	\$0.00	\$2,000.00
50	2" Superpave HMA Binder Morris Overlay	S.Y.	3,705	\$11.25	\$41,681.25	4208.00	0.00	\$47,340.00	\$0.00
51	1 1/2" Superpave HMA Wearing Morris Overlay	S.Y.	3,705	\$8.25	\$30,566.25	4208.00	0.00	\$34,716.00	\$0.00
52	Typical Off-Street Restoration	L.F.	1,125	\$5.50	\$6,187.50	1125.00	0.00	\$6,187.50	\$0.00
53	Temporary Paving	L.F.	1,715	\$8.25	\$14,148.75	1304.00	411.00	\$10,758.00	\$3,390.75
54	Saw Cut	L.F.	3,430	\$1.25	\$4,287.50	0.00	3430.00	\$0.00	\$4,287.50
55	5" Superpave HMA Base PADOT Restoration	S.Y.	25	\$81.00	\$2,025.00	22.50	2.50	\$1,822.50	\$202.50
56	2" Superpave HMA Binder PADOT Restoration	S.Y.	25	\$27.00	\$675.00	22.50	2.50	\$607.50	\$67.50
57	1 1/2" Superpave HMA Wearing PADOT Restoration	S.Y.	50	\$22.00	\$1,100.00	40.00	10.00	\$880.00	\$220.00
58	Line Stripping, Stop Bar, Pavement Markings	L.S.	1	\$4,050.00	\$4,050.00	0%	100%	\$0.00	\$4,050.00
Subtotal - Phase 3B					\$387,577.50	82.88%	17.12%	\$321,209.91	\$82,731.65

ITEM	DESCRIPTION	UNIT	QTY	UNIT PRICE	CONTRACT VALUE	QUANTITY COMPLETED	QUANTITY REMAINING	TOTAL COMPLETED	TOTAL REMAINING
	Subtotal - Phase 2B				\$182,486.25	78.24%	21.76%	\$142,780.00	\$39,472.75
	Subtotal - Phase 2B - Alternatives				\$20,625.00	102.04%	-2.04%	\$21,045.00	\$0.00
	Subtotal - Phase 3B				\$387,577.50	82.88%	17.12%	\$321,209.91	\$82,731.65
	TOTAL CONTRACT AMOUNT				\$590,688.75	82.11%	17.89%	\$485,034.91	\$122,204.40
	TOTAL AMOUNT OF WORK COMPLETED							\$485,034.91	
	LESS RETAINAGE- 0%							\$0.00	
	LESS PREVIOUS CERTIFICATES							\$443,703.94	
	TOTAL AMOUNT APPROVED THIS CERTIFICATE - FINAL							\$41,330.97	

James W. MacCombie, P.E., P.L.S.
Sadsbury Township Engineer

Date

SITE IMPROVEMENT ESCROW RELEASE WORKSHEET
ALL COUNTY PARTNERSHIPS VALLEY VIEW BUSINESS PARK
WASHINGTON LANE IMPROVEMENTS
Sadsbury Township, Chester County, PA

RELEASE REQUEST: # 3
DATE: 10/5/2009

ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	ESCROW AMOUNT	PREV. REL.	THIS RELEASE	TOTAL RELEASE	TOTAL REMAINING
1	<u>Construction Layout</u>								
A	Layout	L.S.	1	\$10,995.00	\$10,995.00	\$10,995.00	\$0.00	\$10,995.00	\$0.00
	Subtotal				\$10,995.00	\$10,995.00	\$0.00	\$10,995.00	\$0.00
2	<u>Clearing</u>								
A	Clearing	L.S.	1	\$7,750.00	\$7,750.00	\$7,750.00	\$0.00	\$7,750.00	\$0.00
	Subtotal				\$7,750.00	\$7,750.00	\$0.00	\$7,750.00	\$0.00
3	<u>Earthwork</u>								
A	Sawcut	L.F.	6,000	\$3.00	\$18,000.00	\$18,000.00	\$0.00	\$18,000.00	\$0.00
B	Remove Guiderail Permanently	L.S.	1	\$2,000.00	\$2,000.00	\$2,000.00	\$0.00	\$2,000.00	\$0.00
C	Cut	C.Y.	2,295	\$3.00	\$6,885.00	\$6,885.00	\$0.00	\$6,885.00	\$0.00
D	Fill	C.Y.	390	\$2.50	\$975.00	\$975.00	\$0.00	\$975.00	\$0.00
E	Waste (Stockpile onsite)	C.Y.	1,905	\$0.50	\$952.50	\$952.50	\$0.00	\$952.50	\$0.00
F	Topsoil Respread	C.Y.	515	\$2.50	\$1,287.50	\$1,287.50	\$0.00	\$1,287.50	\$0.00
	Subtotal				\$30,100.00	\$30,100.00	\$0.00	\$30,100.00	\$0.00
4	<u>Storm Sewer Construction</u>								
A	18" RCP (0-6 Vertical Feet)	L.F.	1,286	\$30.50	\$39,223.00	\$39,223.00	\$0.00	\$39,223.00	\$0.00
B	24" HDPE	L.F.	9	\$32.00	\$288.00	\$288.00	\$0.00	\$288.00	\$0.00
C	Type S Inlets	EA.	5	\$1,200.00	\$6,000.00	\$6,000.00	\$0.00	\$6,000.00	\$0.00
D	Manhole	EA.	1	\$1,500.00	\$1,500.00	\$1,500.00	\$0.00	\$1,500.00	\$0.00
E	18" RCP FES	EA.	1	\$500.00	\$500.00	\$500.00	\$0.00	\$500.00	\$0.00
F	Tie into existing 15" RCP	EA.	1	\$1,000.00	\$1,000.00	\$1,000.00	\$0.00	\$1,000.00	\$0.00
G	R-4 Rip-Rap	TN.	28	\$22.00	\$616.00	\$616.00	\$0.00	\$616.00	\$0.00
	Subtotal				\$49,127.00	\$49,127.00	\$0.00	\$49,127.00	\$0.00
5	<u>Curbing</u>								
A	18" Curb Washington Lane/Rt 30	L.F.	150	\$15.00	\$2,250.00	\$2,250.00	\$0.00	\$2,250.00	\$0.00
	Subtotal				\$2,250.00	\$2,250.00	\$0.00	\$2,250.00	\$0.00

ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	ESCROW AMOUNT	PREV. REL.	THIS RELEASE	TOTAL RELEASE	TOTAL REMAINING
6	<u>Washington Lane Widen & Overlay</u>								
A	Fine Grade	S.Y.	4,605	\$5.50	\$25,327.50	\$25,327.50	\$0.00	\$25,327.50	\$0.00
B	Township 8" 2A Mod Subbase	S.Y.	4,545	\$7.00	\$31,815.00	\$31,815.00	\$0.00	\$31,815.00	\$0.00
C	Township 5" BCBC	S.Y.	4,545	\$14.00	\$63,630.00	\$63,630.00	\$0.00	\$63,630.00	\$0.00
D	Township 2" ID-2 Wearing	S.Y.	10,570	\$8.00	\$84,560.00	\$84,560.00	\$0.00	\$84,560.00	\$0.00
E	PennDOT 6" 2A Mod Subbase	S.Y.	60	\$6.00	\$360.00	\$360.00	\$0.00	\$360.00	\$0.00
F	PennDOT 6" BCBC	S.Y.	60	\$16.00	\$960.00	\$960.00	\$0.00	\$960.00	\$0.00
G	PennDOT 2" ID-2 Binder	S.Y.	60	\$7.50	\$450.00	\$450.00	\$0.00	\$450.00	\$0.00
h	PennDOT 1 1/2" ID-2 Wearing	S.Y.	60	\$6.00	\$360.00	\$360.00	\$0.00	\$360.00	\$0.00
	Subtotal				\$207,462.50	\$207,462.50	\$0.00	\$207,462.50	\$0.00
7	<u>Washington Lane Offsite Gravity Sanitary Sewer</u>								
A	8" SDR 35 PVC 6/10	L.F.	337	\$23.00	\$7,751.00	\$7,751.00	\$0.00	\$7,751.00	\$0.00
B	8" SDR 35 PVC 10/14	L.F.	344	\$25.00	\$8,600.00	\$8,600.00	\$0.00	\$8,600.00	\$0.00
C	6" SDR 35 Sewer Lateral	L.F.	16	\$35.00	\$560.00	\$560.00	\$0.00	\$560.00	\$0.00
D	Manholes (6/10) 48"	EA.	2	\$1,600.00	\$3,200.00	\$3,200.00	\$0.00	\$3,200.00	\$0.00
E	Tie into Existing Manhole	EA.	1	\$2,000.00	\$2,000.00	\$2,000.00	\$0.00	\$2,000.00	\$0.00
F	Testing	EA.	671	\$0.75	\$503.25	\$503.25	\$0.00	\$503.25	\$0.00
G	Manhole Testing	EA.	2	\$250.00	\$500.00	\$500.00	\$0.00	\$500.00	\$0.00
	Subtotal				\$23,114.25	\$23,114.25	\$0.00	\$23,114.25	\$0.00
8	<u>As-Built</u>								
A	As-Built Sewer Line	L.S.	1	\$2,000.00	\$2,000.00	\$0.00	\$2,000.00	\$2,000.00	\$0.00
	Subtotal				\$2,000.00	\$0.00	\$2,000.00	\$2,000.00	\$0.00

ITEM	DESCRIPTION	UNIT QUANTITY	UNIT PRICE	ESCROW AMOUNT	PREV. REL.	THIS RELEASE	TOTAL RELEASE	TOTAL REMAINING
	Sub-Total Item 1 - Layout			\$10,995.00	\$10,995.00	\$0.00	\$10,995.00	\$0.00
	Sub-Total Item 2 - Clearing			\$7,750.00	\$7,750.00	\$0.00	\$7,750.00	\$0.00
	Sub-Total Item 3 - Earthwork			\$30,100.00	\$30,100.00	\$0.00	\$30,100.00	\$0.00
	Sub-Total Item 4 - Storm Sewer			\$49,127.00	\$49,127.00	\$0.00	\$49,127.00	\$0.00
	Sub-Total Item 5 - Curbing			\$2,250.00	\$2,250.00	\$0.00	\$2,250.00	\$0.00
	Sub-Total Item 6 - Washington Lane Widen & Overlay			\$207,462.50	\$207,462.50	\$0.00	\$207,462.50	\$0.00
	Sub-Total Item 7 - Washington Lane Offsite Sanitary Sewer			\$23,114.25	\$23,114.25	\$0.00	\$23,114.25	\$0.00
	Sub-Total Item 8 - As-Builts			\$2,000.00	\$0.00	\$2,000.00	\$2,000.00	\$0.00
	SUBTOTAL			\$332,798.75	\$330,798.75	\$2,000.00	\$332,798.75	\$0.00
	10% CONTINGENCY			\$33,279.88	\$7,000.00	\$26,279.88	\$33,279.88	\$0.00
				\$366,078.63		\$28,279.88	\$366,078.63	\$0.00
	RETAINAGE 0.00%							
	Reduction of Previously Held Retainage (7,853.48 - 1,963.37)				\$5,890.11	\$8,444.97	\$14,335.08	
	TOTAL IMPROVEMENT COST			\$366,078.63	\$329,353.79	\$36,724.84	\$366,078.63	\$0.00
	Township Engineer Inspections 7% Construction Cost			\$23,295.91	\$6,521.25	\$16,774.66	\$23,295.91	\$0.00
	TOTAL ESCROW			\$389,374.54	\$335,875.04	\$53,499.50	\$389,374.54	\$0.00

TOTAL AMOUNT APPROVED FOR THIS CERTIFICATE FOR ALL COUNTY PARTNERSHIP VALLEY VIEW BUSINESS PARK - WASHINGTON LANE IMPROVEMENTS

\$53,499.50

James W. MacCombie, P.E., P.L.S.
Sadsbury Township Engineer

Date

SITE IMPROVEMENT ESCROW RELEASE WORKSHEET
ALL COUNTY PARTNERSHIPS VALLEY VIEW BUSINESS PARK
WAVERLY BLVD.
Sadsbury Township, Chester County, PA

RELEASE REQUEST: # 2
DATE: 5/3/2011

ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	ESCROW AMOUNT	PREV. REL.	THIS RELEASE	TOTAL RELEASE	TOTAL REMAINING
1	<u>Construction Layout</u>								
A	Layout	Days	4	\$1,140.00	\$4,104.00	\$4,104.00	\$0.00	\$4,104.00	\$0.00
	Subtotal				\$4,104.00	\$4,104.00	\$0.00	\$4,104.00	\$0.00
2	<u>Construction Stakeout</u>								
A	Mobilization	EA	1	\$3,024.00	\$3,024.00	\$3,024.00	\$0.00	\$3,024.00	\$0.00
	Subtotal				\$3,024.00	\$3,024.00	\$0.00	\$3,024.00	\$0.00
3	<u>Erosion & Sedimentation Control</u>								
A	Construction Entrance	EA	1	\$3,360.00	\$3,360.00	\$3,360.00	\$0.00	\$3,360.00	\$0.00
	Subtotal				\$3,360.00	\$3,360.00	\$0.00	\$3,360.00	\$0.00
4	<u>Earthwork</u>								
A	Strip Topsoil	C.Y.	1,140	\$1.80	\$2,052.00	\$1,537.99	\$514.01	\$2,052.00	\$0.00
B	Cut	C.Y.	703	\$1.92	\$1,349.76	\$1,349.76	\$0.00	\$1,349.76	\$0.00
C	Fill	C.Y.	608.80	\$0.72	\$438.34	\$438.34	\$0.00	\$438.34	\$0.00
D	Spoil	C.Y.	94.20	\$0.36	\$33.91	\$33.91	\$0.00	\$33.91	\$0.00
	Subtotal				\$3,874.01	\$3,360.00	\$514.01	\$3,874.01	\$0.00
5	<u>Sanitary Sewer Construction</u>								
A	8" SDR 35 PVC 6/10	L.F.	160	\$27.60	\$4,416.00	\$4,416.00	\$0.00	\$4,416.00	\$0.00
B	8" SDR 35 PVC 10/14	L.F.	680	\$30.00	\$20,400.00	\$20,400.00	\$0.00	\$20,400.00	\$0.00
C	Manholes (6/10) 48"	EA	5	\$1,920.00	\$9,600.00	\$9,600.00	\$0.00	\$9,600.00	\$0.00
D	Testing	L.F.	840	\$0.90	\$756.00	\$756.00	\$0.00	\$756.00	\$0.00
E	Manhole Vacuum Testing	EA	5	\$300.00	\$1,500.00	\$1,500.00	\$0.00	\$1,500.00	\$0.00
	Subtotal				\$36,672.00	\$36,672.00	\$0.00	\$36,672.00	\$0.00
6	<u>Force Main Construction</u>								
A	2.5" SDR 21	L.F.	450	\$12.00	\$5,400.00	\$5,400.00	\$0.00	\$5,400.00	\$0.00
B	6" SDR 26	L.F.	450	\$14.40	\$6,480.00	\$6,480.00	\$0.00	\$6,480.00	\$0.00
C	2.5" & 6" Air Release Chambers	EA	1.00	\$6,600.00	\$6,600.00	\$6,600.00	\$0.00	\$6,600.00	\$0.00
D	Testing	L.F.	450.00	\$0.90	\$405.00	\$405.00	\$0.00	\$405.00	\$0.00
	Subtotal				\$18,885.00	\$18,885.00	\$0.00	\$18,885.00	\$0.00

ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	ESCROW AMOUNT	PREV. REL.	THIS RELEASE	TOTAL RELEASE	TOTAL REMAINING
7	<u>Storm Sewer Construction</u>								
A	18" RCP	L.F.	474	\$36.60	\$17,348.40	\$17,348.40	\$0.00	\$17,348.40	\$0.00
B	Type C Inlets - 2'x4'	EA	2	\$1,440.00	\$2,880.00	\$2,880.00	\$0.00	\$2,880.00	\$0.00
	Subtotal				\$20,228.40	\$20,228.40	\$0.00	\$20,228.40	\$0.00
8	<u>Curb</u>								
A	Dig & Bacfill	L.F.	1,495	\$2.40	\$3,588.00	\$3,588.00	\$0.00	\$3,588.00	\$0.00
B	7" x 8" x 18" Conc. Curb	L.F.	1,495	\$13.14	\$19,644.30	\$19,644.30	\$0.00	\$19,644.30	\$0.00
	Subtotal				\$23,232.30	\$23,232.30	\$0.00	\$23,232.30	\$0.00
9	<u>Paving</u>								
A	Fine Grade	S.F.	15,649.20	\$0.12	\$1,877.90	\$1,877.90	\$0.00	\$1,877.90	\$0.00
B	10 3A Modified	S.Y.	1,738.80	\$9.18	\$15,962.18	\$15,962.18	\$0.00	\$15,962.18	\$0.00
C	2.5" ID2 SRL-H Binder Course	S.Y.	1,738.80	\$8.76	\$15,231.89	\$15,231.89	\$0.00	\$15,231.89	\$0.00
D	Clean & Tack	S.Y.	1,738.80	\$0.42	\$730.30	\$0.00	\$0.00	\$0.00	\$730.30
E	1.5 ID-2A Wearing	S.Y.	1,738.80	\$7.02	\$12,206.38	\$0.00	\$0.00	\$0.00	\$12,206.38
	Subtotal				\$46,008.65	\$33,071.97	\$0.00	\$33,071.97	\$12,936.68
10	<u>Respread & Grade Topsoil</u>								
A	Right-of-way	C.Y.	218.40	\$6.00	\$1,310.40	\$1,310.40	\$0.00	\$1,310.40	\$0.00
	Subtotal				\$1,310.40	\$1,310.40	\$0.00	\$1,310.40	\$0.00
11	<u>Seed & Mulch</u>								
A	Right-of-way	C.Y.	1,290.80	\$0.36	\$464.69	\$464.69	\$0.00	\$464.69	\$0.00
	Subtotal				\$464.69	\$464.69	\$0.00	\$464.69	\$0.00
12	<u>Landscaping</u>								
A	White Ash	EA	12	\$198.00	\$2,376.00	\$2,376.00	\$0.00	\$2,376.00	\$0.00
B	Red Sunset Maple	EA	7	\$198.00	\$1,386.00	\$1,386.00	\$0.00	\$1,386.00	\$0.00
C	White Oak	EA	12.00	\$198.00	\$2,376.00	\$2,376.00	\$0.00	\$2,376.00	\$0.00
D	American Sweetgum	EA	5.00	\$198.00	\$990.00	\$990.00	\$0.00	\$990.00	\$0.00
	Subtotal				\$7,128.00	\$7,128.00	\$0.00	\$7,128.00	\$0.00
13	<u>Miscellaneous</u>								
A	Installation of Survey Monuments	EA	10	\$300.00	\$3,000.00	\$0.00	\$0.00	\$0.00	\$3,000.00
B	As-Built Survey Plans	LS	1	\$3,000.00	\$3,000.00	\$0.00	\$0.00	\$0.00	\$3,000.00
	Subtotal				\$6,000.00	\$0.00	\$0.00	\$0.00	\$6,000.00

ITEM	DESCRIPTION	UNIT QUANTITY	UNIT PRICE	ESCROW AMOUNT	PREV. REL.	THIS RELEASE	TOTAL RELEASE	TOTAL REMAINING
	Sub-Total Item 1 - Layout			\$4,104.00	\$4,104.00	\$0.00	\$4,104.00	\$0.00
	Sub-Total Item 2 - Construction Layout			\$3,024.00	\$3,024.00	\$0.00	\$3,024.00	\$0.00
	Sub-Total Item 3 - Erosion & Sedimentation Control			\$3,360.00	\$3,360.00	\$0.00	\$3,360.00	\$0.00
	Sub-Total Item 4 - Earthwork			\$3,874.01	\$3,360.00	\$514.01	\$3,874.01	\$0.00
	Sub-Total Item 5 - Sanitary Sewer Construction			\$36,672.00	\$36,672.00	\$0.00	\$36,672.00	\$0.00
	Sub-Total Item 6 - Force Main Construction			\$18,885.00	\$18,885.00	\$0.00	\$18,885.00	\$0.00
	Sub-Total Item 7 - Storm Sewer Construction			\$20,228.40	\$20,228.40	\$0.00	\$20,228.40	\$0.00
	Sub-Total Item 8 - Curb			\$23,232.30	\$23,232.30	\$0.00	\$23,232.30	\$0.00
	Sub-Total Item 9 - Paving			\$46,008.65	\$33,071.97	\$0.00	\$33,071.97	\$12,936.68
	Sub-Total Item 10 - Respread & Grade Topsoil			\$1,310.40	\$1,310.40	\$0.00	\$1,310.40	\$0.00
	Sub-Total Item 11 - Seed & Mulch			\$464.69	\$464.69	\$0.00	\$464.69	\$0.00
	Sub-Total Item 12 - Landscaping			\$7,128.00	\$7,128.00	\$0.00	\$7,128.00	\$0.00
	Sub-Total Item 13 - Miscellaneous			\$6,000.00	\$0.00	\$0.00	\$0.00	\$6,000.00

SUBTOTAL	\$174,291.44	\$154,840.76	\$514.01	\$155,354.77	\$18,936.68
10% CONTINGENCY	\$17,429.14	\$0.00	\$15,535.48	\$15,535.48	\$1,893.66
	\$191,720.58		\$16,049.49	\$170,890.25	\$20,830.34
RETAINAGE 0%		\$3,871.02	\$0.00	\$3,871.02	
TOTAL IMPROVEMENT COST	\$191,720.58	\$150,969.74	\$16,049.49	\$167,019.23	
RELEASE RETAINAGE PREVIOUSLY HELD			\$3,871.02		
Township Engineer Inspections 7% Construction Cost	\$12,200.40	\$0.00	\$0.00	\$0.00	\$12,200.40
TOTAL ESCROW	\$203,920.98	\$150,969.74	\$19,920.51	\$170,890.25	\$33,030.74

TOTAL AMOUNT APPROVED FOR THIS CERTIFICATE FOR ALL COUNTY PARTNERSHIP
VALLEY VIEW BUSINESS PARK - WAVERLY BLVD

\$19,920.51

James W. MacCombie, P.E., P.L.S.
Sadsbury Township Engineer

Date

CONSTRUCTION OF SANITARY SEWER EXTENSION - PHASE 4

Sadsbury Township, Chester County

Pact Construction, Inc.

P.O. Box 74 554 Route 31, Ringoes, NJ 08551

RELEASE REQUEST: # 5 - FINAL

DATE: 9/19/2011

ITEM	DESCRIPTION	UNIT	QTY	UNIT PRICE	CONTRACT VALUE	QUANTITY COMPLETED	QUANTITY REMAINING	TOTAL COMPLETED	TOTAL REMAINING
PHASE 4 - VALLEY ROAD									
1	Maintenance & Protection of Traffic	L.S.	1	\$2,000.00	\$2,000.00	100%	0%	\$2,000.00	\$0.00
2	Clearing, Grubbing & Erosion Control	L.S.	1	\$4,100.00	\$4,100.00	100%	0%	\$4,100.00	\$0.00
3	8" SDR-35 PVC 0-8 Feet	L.F.	1,420	\$68.00	\$96,560.00	2396	-976	\$162,928.00	-\$66,368.00
4	8" SDR-35 PVC 8-10 Feet	L.F.	1,625	\$70.00	\$113,750.00	780	845	\$54,600.00	\$59,150.00
5	8" SDR-35 PVC 10-12 Feet	L.F.	100	\$72.00	\$7,200.00	180	-80	\$12,960.00	-\$5,760.00
6	8" SDR-35 PVC 12-14 Feet	L.F.	240	\$74.00	\$17,760.00	113	127	\$8,362.00	\$9,398.00
7	8" SDR-35 PVC 14-16 Feet	L.F.	50	\$76.00	\$3,800.00	60	-10	\$4,560.00	-\$760.00
8	8" SDR-35 PVC 16+ Feet	L.F.	50	\$78.00	\$3,900.00	50	0	\$3,900.00	\$0.00
9	8" DIP 0-8 Feet installed in Casing Pipe	L.F.	75	\$78.00	\$5,850.00	75	0	\$5,850.00	\$0.00
10	8" DIP 8-10 Feet	L.F.	50	\$80.00	\$4,000.00	0	50	\$0.00	\$4,000.00
11	8" DIP 10-12 Feet	L.F.	20	\$82.00	\$1,640.00	0	20	\$0.00	\$1,640.00
12	8" DIP 12-14 Feet	L.F.	20	\$84.00	\$1,680.00	15	5	\$1,260.00	\$420.00
13	8" DIP 14-16 Feet	L.F.	75	\$86.00	\$6,450.00	25	50	\$2,150.00	\$4,300.00
14	8" DIP 16+ Feet	L.F.	290	\$88.00	\$25,520.00	350	-60	\$30,800.00	-\$5,280.00
15	Bore and Jack 24" Schedule 80 Casing Pipe	L.F.	50	\$300.00	\$15,000.00	50	0	\$15,000.00	\$0.00
16	Pre-Cast Manhole 0-8 Feet	EA.	5	\$2,400.00	\$12,000.00	6	-1	\$14,400.00	-\$2,400.00
17	Pre-Cast Manhole 8-10 Feet	EA.	8	\$2,600.00	\$20,800.00	12	-4	\$31,200.00	-\$10,400.00
18	Pre-Cast Manhole 10-12 Feet	EA.	2	\$2,800.00	\$5,600.00	1	1	\$2,800.00	\$2,800.00
19	Pre-Cast Manhole 12-14 Feet	EA.	1	\$3,000.00	\$3,000.00	2	-1	\$6,000.00	-\$3,000.00
20	Pre-Cast Manhole 14-16 Feet	EA.	2	\$3,200.00	\$6,400.00	0	2	\$0.00	\$6,400.00
21	Pre-Cast Manhole 16+ Feet	EA.	1	\$3,400.00	\$3,400.00	0	1	\$0.00	\$3,400.00
22	Pre-Cast Doghouse Manhole 10-12 Feet	EA.	1	\$4,000.00	\$4,000.00	1	0	\$4,000.00	\$0.00
23	Concrete Encasement	L.F.	20	\$50.00	\$1,000.00	20	0	\$1,000.00	\$0.00
24	Lateral Wyes 8" x 6"	EA.	25	\$50.00	\$1,250.00	28	-3	\$1,400.00	-\$150.00
25	6" SDR-35 PVC Lateral	L.F.	625	\$55.00	\$34,375.00	622	3	\$34,210.00	\$165.00
26	6" SDR-35 PVC Flange Cap and Lateral Marker	EA.	25	\$50.00	\$1,250.00	28	-3	\$1,400.00	-\$150.00
27	2A Modified Backfill	C.Y.	1,000	\$12.00	\$12,000.00	1000	0	\$12,000.00	\$0.00
28	#57 Stone Bedding	C.Y.	150	\$20.00	\$3,000.00	150	0	\$3,000.00	\$0.00
29	2" Superpave HMA Binder	S.Y.	1,250	\$10.00	\$12,500.00	1250	0	\$12,500.00	\$0.00
30	1 1/2" Superpave HMA Wearing	S.Y.	1,250	\$8.00	\$10,000.00	1250	0	\$10,000.00	\$0.00
31	2" Bituminous Wearing Driveway Restoration	S.Y.	75	\$30.00	\$2,250.00	75	0	\$2,250.00	\$0.00
32	Saw Cut	L.F.	1,000	\$3.00	\$3,000.00	135	865	\$405.00	\$2,595.00
33	Temporary Paving	L.F.	500	\$6.00	\$3,000.00	500	0	\$3,000.00	\$0.00
34	5" Superpave HMA Base PADOT Restoration	S.Y.	25	\$60.00	\$1,500.00	25	0	\$1,500.00	\$0.00
35	2" Superpave HMA Binder PADOT Restoration	S.Y.	25	\$50.00	\$1,250.00	25	0	\$1,250.00	\$0.00
36	1 1/2" Superpave HMA Wearing PADOT Restoration	S.Y.	25	\$25.00	\$625.00	25	0	\$625.00	\$0.00
37	Typical Off-Street Restoration-PADOT ROW	L.F.	25	\$12.00	\$300.00	25	0	\$300.00	\$0.00
37	Typical Off-Street Restoration-	L.F.	2,900	\$5.00	\$14,500.00	2900	0	\$14,500.00	\$0.00
Subtotal - Phase 4					\$466,210.00	100.00%	0.00%	\$466,210.00	\$0.00

ITEM	DESCRIPTION	UNIT	QTY	UNIT PRICE	CONTRACT VALUE	QUANTITY COMPLETED	QUANTITY REMAINING	TOTAL COMPLETED	TOTAL REMAINING
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PHASE 4 - VALLEY ROAD - Alternates

A-1	8" C-900 0-8 Feet Installed in Casing Pipe	L.F.	75	\$73.00	\$5,475.00	0	75	\$0.00	\$5,475.00
A-2	8" C-900 8-10 Feet	L.F.	50	\$75.00	\$3,750.00	0	50	\$0.00	\$3,750.00
A-3	8" C-900 10-12 Feet	L.F.	20	\$77.00	\$1,540.00	0	20	\$0.00	\$1,540.00
A-4	8" C-900 12-14 Feet	L.F.	20	\$79.00	\$1,580.00	0	20	\$0.00	\$1,580.00
A-5	8" C-900 14-16 Feet	L.F.	75	\$81.00	\$6,075.00	0	75	\$0.00	\$6,075.00
A-6	8" C-900 16+ Feet	L.F.	290	\$83.00	\$24,070.00	0	290	\$0.00	\$24,070.00

Subtotal -Alternates

\$42,490.00 0.00% 100.00% \$0.00 \$42,490.00

Subtotal - Phase 4

\$466,210.00 100.00% 0.00% \$466,210.00 \$0.00

Subtotal - Alternatives

\$42,490.00 0.00% 100.00% \$0.00 \$42,490.00

TOTAL CONTRACT AMOUNT

\$508,700.00 91.65% 8.35% \$466,210.00 \$42,490.00

TOTAL AMOUNT OF WORK COMPLETED

\$466,210.00

LESS RETAINAGE- 0%

\$0.00

LESS PREVIOUS CERTIFICATES

\$459,216.85

TOTAL AMOUNT APPROVED THIS CERTIFICATE - FINAL

\$6,993.15

**Payable to: Pact Construction, Inc
P.O. Box 74, 554 Route 31
Ringoos, NJ 08551**

James W. MacCombie, P.E., P.L.S.
Sadsbury Township Engineer

Date

Certificate No. 10 Public Improvements Release for the David J. Carr Sr. Subdivision

Item No.	Quantity	Description	Unit Price	Contract Value	Quantity Completed	Quantity Remaining	\$ Amount Completed
1	1 Each	Construction Entrance	\$1,500.00	\$1,500.00	1	0	\$1,500.00
2	940 L.F.	Silt Fence 30" High	\$2.85	\$2,679.00	940	0	\$2,679.00
3	75 L.F.	Super Silt Fence	\$10.00	\$750.00	75	0	\$750.00
4	1 Each	Temporary Riser	\$450.00	\$450.00	1	0	\$450.00
5	1 Each	Energy Dissipator	\$2,310.00	\$2,310.00	1	0	\$2,310.00
6	1 Each	Stilling Basin	\$1,410.00	\$1,410.00	1	0	\$1,410.00
7	3130 S.Y.	Slope Mat 3:1	\$1.00	\$3,130.00	3130	0	\$3,130.00
8	5240 S.Y.	Slope Mat 5:1	\$1.50	\$7,860.00	5240	0	\$7,860.00
9	140 S.Y.	Sed. Basin em. sply. Mat.	\$3.25	\$455.00	140	0	\$455.00
10	140 S.Y.	Det. Pond em. sply. Mat.	\$3.25	\$455.00	140	0	\$455.00
11	760 S.Y.	Perm. Swale Mat.	\$2.60	\$1,976.00	760	0	\$1,976.00
12	2191 S.Y.	Seeding & Mulching	\$0.75	\$1,643.25	2191	0	\$1,643.25
13	Lump Sum	Clearing & Grubbing	\$3,990.00	\$3,990.00	100%	0%	\$3,990.00
14	Lump Sum	Mowing	\$1,000.00	\$1,000.00	100%	0%	\$1,000.00
15	3032 C.Y.	Strip Topsoil	\$1.12	\$3,395.84	3032	0	\$3,395.84
16	2191 C.Y.	Replace Topsoil	\$3.87	\$8,479.17	2191	0	\$8,479.17
17	10,200 C.Y.	Cuts & Fills	\$2.34	\$23,868.00	10200	0	\$23,868.00
18	10,000 S.Y.	Grade Basin to Temp. Grades	\$0.23	\$2,300.00	10000	0	\$2,300.00
19	1870 C.Y.	Grade Pond to Perm. Grades	\$2.34	\$4,375.80	1870	0	\$4,375.80
20	4200 S.Y.	Grade Paving	\$0.34	\$1,428.00	4200	0	\$1,428.00
21	950 S.Y.	Grade Sidewalks & Aprons	\$1.69	\$1,605.50	950	0	\$1,605.50
22	Lump Sum	Grade Spillway	\$230.00	\$230.00	100%	0%	\$230.00
23	420 L.F.	Grade Swale	\$1.69	\$709.80	420	0	\$709.80
24	940 L.F.	Safety Fence	\$2.12	\$1,992.80	940	0	\$1,992.80
25	8 Each	Sanitary Manholes	\$1,500.00	\$12,000.00	8	0	\$12,000.00
26	1 Each	Manhole Tie-in	\$680.00	\$680.00	1	0	\$680.00
27	996 L.F.	8" SDR-35 Pipe	\$25.00	\$24,900.00	996	0	\$24,900.00
28	856 L.F.	6" SDR-35 Lateral Pipe	\$16.66	\$14,260.96	856	0	\$14,260.96
29	Lump Sum	Testing	\$570.00	\$570.00	100%	0%	\$570.00
30	10 Each	Inlets	\$1,500.00	\$15,000.00	10	0	\$15,000.00
31	1 Each	Double Inlet	\$2,000.00	\$2,000.00	1	0	\$2,000.00
32	1 Each	Outlet Structure	\$2,280.00	\$2,280.00	1	0	\$2,280.00
33	3 Each	Headwalls	\$760.00	\$2,280.00	3	0	\$2,280.00
34	3 Each	Storm Manholes	\$1,500.00	\$4,500.00	3	0	\$4,500.00
35	2 Each	Anti-Seep Collars	\$310.00	\$620.00	2	0	\$620.00
Sub-Total				\$157,084.12			\$157,084.12

Certificate No. 10 Public Improvements Release for the David J. Carr Sr. Subdivision

Item No.	Quantity	Description	Unit Price	Contract Value	Quantity Completed	Quantity Remaining	\$ Amount Completed
36	125 L.F.	15" ALCMP	\$21.50	\$2,687.50	125	0	\$2,687.50
37	176 L.F.	21" ALCMP	\$25.00	\$4,400.00	176	0	\$4,400.00
38	334 L.F.	24" ALCMP	\$36.50	\$10,187.00	334	0	\$10,187.00
39	280 L.F.	27" ALCMP	\$38.00	\$10,640.00	280	0	\$10,640.00
40	255 L.F.	30" ALCMP	\$46.50	\$11,857.50	255	0	\$11,857.50
41	Lump Sum	Stone for Forebay	\$1,800.00	\$1,800.00	100%	0%	\$1,800.00
42	1900 L.F.	Curb Excavation	\$1.50	\$2,850.00	1900	0	\$2,850.00
43	1900 L.F.	Curb	\$9.50	\$18,050.00	1900	0	\$18,050.00
44	8520 S.F.	Stone Base Sidewalk & Aprons	\$3.81	\$32,461.20	8520	0	\$32,461.20
45	44 L.F.	Sawcut	\$5.00	\$220.00	44	0	\$220.00
46	4200 S.Y.	8" Stone Base	\$10.00	\$42,000.00	4200	0	\$42,000.00
47	4200 S.Y.	2" ID-2A Binder Course	\$4.41	\$18,522.00	4200	0	\$18,522.00
48	4200 S.Y.	1.5" ID-2A Wearing Course	\$5.51	\$23,142.00	4200	0	\$23,142.00
49	Lump Sum	Traffic Signage	\$570.00	\$570.00	100%	0%	\$570.00
50	4 Each	Street Lights	\$1,700.00	\$6,800.00	4	0	\$6,800.00
51	32 Each	Street Trees	\$300.00	\$9,600.00	32	0	\$9,600.00
52	Lump Sum	Pond Landscaping	\$3,000.00	\$3,000.00	0%	100%	\$0.00
53	Lump Sum	Survey Stakeout	\$8,800.00	\$8,800.00	100%	0%	\$8,800.00
54	Lump Sum	As Built Plan	\$5,800.00	\$5,800.00	52%	48%	\$3,000.00
55	11 Each	Concrete Monuments	\$100.00	\$1,100.00	11	0	\$1,100.00
56	23 Each	Concrete Lot Corner Markers	\$50.00	\$1,150.00	23	0	\$1,150.00
57	35 Each	Steel Pin Lot Corner Markers	\$50.00	\$1,750.00	35	0	\$1,750.00
	Lump Sum	10% Contingency	\$37,282.81	\$37,282.81	83.41%	16.59%	\$31,097.97
	Lump Sum	5% Construction Inspection	\$21,908.08	\$21,908.08	57.39%	42.61%	\$12,572.50
Sub-Total This Sheet				\$276,578.09			\$255,257.67
Sub-Total Sheet 1				\$157,084.12			\$157,084.12
TOTAL AMOUNT OF WORK COMPLETED							\$412,341.79

Certificate No. 10 Public Improvements Release for the David J. Carr Sr. Subdivision

TOTAL AMOUNT OF ESCROW	\$432,078.96
AMOUNT OF REMAINING WORK	<u>\$19,737.17</u>
AMOUNT OF WORK COMPLETED	\$412,341.79
LESS RETAINAGE	\$19,988.46
LESS CERTIFICATES #1 , #2, #3, #4, #5, #6, #7, #8, & #9	<u>\$377,773.33</u>
AMOUNT APPROVED FOR RELEASE THIS CERTIFICATE	\$14,580.00

James W. MacCombie, P.E., P.L.S.
Sadsbury Township Engineer (12/2/03)

610-356-9550
FAX 610-356-5032

Herbert E. MacCombie, Jr., P.E.

CONSULTING ENGINEERS & SURVEYORS, INC.
1000 PALMERS MILL ROAD
MEDIA, PA 19063

Herbert E. MacCombie, Jr., P.E., P.L.S. (1926-1994)
James W. MacCombie, P.E., P.L.S.
Herbert E. MacCombie, III, Technician

REPLY TO:
P.O. BOX 118
BROOMALL, PA 19008-0118

May 28, 1999

Board of Supervisors
Sadsbury Township
P.O. Box 261
Sadsburyville, Pa. 19369

Attention: Lisa Myers, Secretary

Re: Quarry Ridge Subdivision
Escrow Fund Tabulation

Dear Board of Supervisors:

Please be advised our office has reviewed the revised "Escrow Fund Tabulation for Public Improvements" for Phases I, II, III & IV of the Quarry Ridge Subdivision prepared by Nave, Newell, and Stampfl, Ltd dated 3/17/99 with latest revisions dated 5/10/99.

The revisions provided by the applicant appear to address the recommendation of our previous comments based on our review letter of May 6, 1999. Additionally the applicant has submitted a copy of the Water Plan Extension Agreement between City of Coatesville Authority and Cosmos Development Company which appears acceptable in lieu of Escrowing Funds for Public Water Service.

Please contact our office if you have any questions.

Very truly yours,


James W. MacCombie, P.E.

Copy: Cosmos Development
Nave, Newell & Stampfl, LTD
Vince Pompo, Esq.

NAVE, NEWELL, AND STAMPFL, LTD
QUARRY RIDGE SUBDIVISION- Phase I
SADSBURY TOWNSHIP, CHESTER COUNTY, PA
ESCROW FUND TABULATION FOR PUBLIC IMPROVEMENTS

Date: 3/17/99

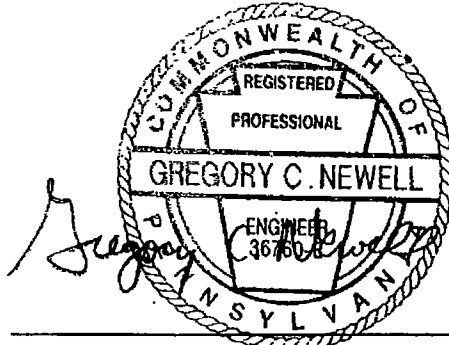
97-081

Date: 5/10/99 (Revised)

Description	Quantity	Units	Unit Price	Total
Roadway Improvements				
7"x8" Concrete Curb	6,201	LF	9.50	\$ 58,910
Concrete Mountable Curb	123	LF	12.00	\$ 1,476
Conc. Sidewalk 4" Depth (incl. Subbase)	540	SY	22.50	\$ 12,150
8" 3A Modified Stone Base	8,753	SY	10.00	\$ 87,530
2" Bituminous Binder Course	9,262	SY	4.25	\$ 39,364
1.5" Bituminous Wearing Course	9,301	SY	3.00	\$ 27,903
6" 2A Modified Stone Base	509	SY	8.00	\$ 4,072
8" B.C.B.C.	509	SY	15.00	\$ 7,635
Cut	29,896	CY	2.25	\$ 67,266
Fill	10,037	CY	1.75	\$ 17,565
				\$ 387,000
Erosion Controls				
Silt Fence	2,190	LF	2.00	\$ 4,380
Rock Construction Entrance	2	EA	1,500.00	\$ 3,000
Inlet Protection	6	EA	150.00	\$ 900
Permanent Stabilization		LS	10,000.00	\$ 10,000
Temporary Seeding		LS	1,000.00	\$ 1,000
Stone Filter Berms	6	EA	100.00	\$ 600
Temporary Riser	1	EA	1,115.00	\$ 1,115
Swales	4,659	SY	1.70	\$ 7,920
Plywood Baffles	68	LF	15.00	\$ 1,020
Erosion Control Matting	15,875	SY	3.50	\$ 55,563
Rock Basin	1	EA	1,500.00	\$ 1,500
				\$ 86,998
Manholes				
8" PVC SDR35	1,864	LF	25.00	\$ 46,600
8" Class 52 DIP	717	LF	44.00	\$ 31,548
Precast Concrete Manholes	13	EA	1,500.00	\$ 19,500
6" PVC SDR35 Lateral	1,271	LF	15.00	\$ 19,065
Furnish and Place Drop Manholes	37	VF	60.00	\$ 2,220
Tie Into Existing Manhole	1	EA	1,500.00	\$ 1,500
				\$ 120,433
Miscellaneous				
Clearing & Grubbing / Haul Away		LS	32,100.00	\$ 32,100
Concrete Monuments	27	EA	125.00	\$ 3,375
Capital Imp. Contribution to Gen. Fund		LS	12,000.00	\$ 12,000
Playground Equipment		LS	6,000.00	\$ 6,000
Stop Signs, etc.	5	EA	100.00	\$ 500
Street Signs	9	EA	125.00	\$ 1,125
Street Lights	4	EA	1,500.00	\$ 6,000
As-Built Plan		LS	4,000.00	\$ 4,000
Construction Stakeout		LS	12,400.00	\$ 12,400
Iron Pins at Property Corners	86	EA	75.00	\$ 6,450
Maint. And Protection of Traffic		LS	1,000.00	\$ 1,000
				\$ 81,950
Sub-Total				\$ 616,251

NAVE, NEWELL, AND STAMPFL, LTD QUARRY RIDGE SUBDIVISION- Phase I SADSBURY TOWNSHIP, CHESTER COUNTY, PA ESCROW FUND TABULATION FOR PUBLIC IMPROVEMENTS				
Date: 3/17/99		97-081		
Date: 5/10/99 (Revised)				
Description	Quantity	Units	Unit Price	Total
Sewer				
15" RCP	26	LF	21.00	\$ 546
18" RCP	127	LF	27.50	\$ 3,493
24" RCP	220	LF	39.50	\$ 8,690
15" ADS	1,866	LF	20.00	\$ 37,320
18" ADS	244	LF	24.00	\$ 5,856
24" ADS	227	LF	28.00	\$ 6,356
Precast Concrete Sewer Manhole	2	EA	1,500.00	\$ 3,000
Precast Type C Inlet	17	EA	1,200.00	\$ 20,400
Precast Type M Inlet	3	EA	1,200.00	\$ 3,600
Modified Precast Type C Inlet	1	EA	1,400.00	\$ 1,400
Double Precast Type C Inlet	5	EA	1,700.00	\$ 8,500
Type D-W Endwall	2	EA	1,200.00	\$ 2,400
Anti-Seep Collar	1	EA	200.00	\$ 200
Detention Basin Construction		LS	28,500.00	\$ 28,500
Rip Rap	526	TONS	20.00	\$ 10,520
				\$ 140,731
Landscaping				
Green Mtn. Sugar Maple 2"-2 1/2" Cal.	4	EA	280.00	\$ 1,120
Village Green Zelkova 2"-2 1/2" Cal.	15	EA	330.00	\$ 4,950
Bradford Pear 2"-2 1/2" Cal.	40	EA	280.00	\$ 11,200
American Red Maple 2"-2 1/2" Cal.	3	EA	300.00	\$ 900
Sawtooth Oak 2 1/2"-3" Cal.	37	EA	395.00	\$ 14,615
				\$ 19,785
Sub-total				\$ 173,566
Sub-total Pg. 1				\$ 616,251
10 % Contingency				\$ 78,982
5 % Construction Inspection				\$ 39,491
Total				\$ 908,200

I hereby certify to the best of my knowledge and belief that the cost of completion of the required public improvements for the "Quarry Ridge" Subdivision as indicated herein are fair and reasonable.



Gregory C. Newell, P.E. PA License #: 36760-E

NAVE, NEWELL, AND STAMPFL, LTD
QUARRY RIDGE SUBDIVISION- Phase II
SADSBURY TOWNSHIP, CHESTER COUNTY, PA
ESCROW FUND TABULATION FOR PUBLIC IMPROVEMENTS

Date: 3/17/99

97-081

Date: 5/10/99 (Revised)

Description	Quantity	Units	Unit Price	Total
Roadway Improvements				
7"x8" Concrete Curb	4,388	LF	9.50	\$ 41,686
Conc. Sidewalk 4" Depth (incl. Subbase	706	SY	22.50	\$ 15,885
8" 3A Modified Stone Base	6,075	SY	10.00	\$ 60,750
2" Bituminous Binder Course	6,075	SY	4.25	\$ 25,819
1.5" Bituminous Wearing Course	6,075	SY	3.00	\$ 18,225
Cut	16,118	CY	2.25	\$ 36,266
Fill	15,302	CY	1.75	\$ 26,779
				\$ 225,200
Erosion Controls				
Silt Fence	1,175	LF	2.00	\$ 2,350
Rock Construction Entrance	2	EA	1,500.00	\$ 3,000
Inlet Protection	17	EA	150.00	\$ 2,550
Permanent Stabilization		LS	10,500.00	\$ 10,500
Temporary Seeding		LS	1,000.00	\$ 1,000
Stone Filter Berms	2	EA	100.00	\$ 200
Temporary Riser (Trap #1)	1	EA	785.00	\$ 785
Embankment Trap Outlet (Trap #2)	1	EA	839.00	\$ 839
Sediment Trap	2	EA	2,800.00	\$ 5,600
Swales	4,473	SY	1.70	\$ 7,604
Erosion Control Matting	5,532	SY	3.50	\$ 19,362
Rock Basin	1	SY	1,500.00	\$ 1,500
				\$ 55,290
Sanitary Sewer				
8" PVC SDR35	2,275	LF	25.00	\$ 56,875
8" Class 52 DIP	298	LF	44.00	\$ 13,112
Precast Concrete Manholes	10	EA	1,500.00	\$ 15,000
6" PVC SDR35 Lateral	1,049	LF	15.00	\$ 15,735
				\$ 100,722
Miscellaneous				
Concrete Monuments	12	EA	125.00	\$ 1,500
Stop Signs, etc.	2	EA	100.00	\$ 200
Street Signs	2	EA	125.00	\$ 250
As-Built Plan		LS	4,000.00	\$ 4,000
Construction Stakeout		LS	11,155.00	\$ 11,155
Iron Pins at Property Corners	75	EA	75.00	\$ 5,625
Clearing & Grubbing / Haul Away		LS	7,900.00	\$ 7,900
				\$ 30,630
Sub-Total				\$ 412,051

NAVE, NEWELL, AND STAMPFL, LTD
QUARRY RIDGE SUBDIVISION- Phase II
SADSBURY TOWNSHIP, CHESTER COUNTY, PA
ESCROW FUND TABULATION FOR PUBLIC IMPROVEMENTS

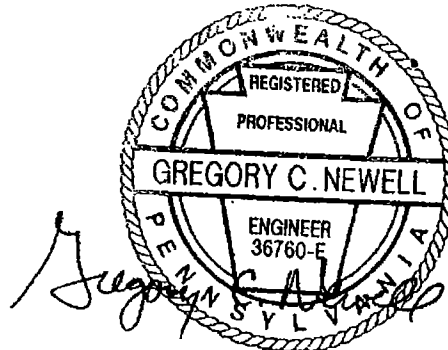
Date: 3/17/99

97-081

Date: 5/10/99 (Revised)

Description	Quantity	Units	Unit Price	Total
Storm Sewer				
15" ADS	706	LF	20.00	\$ 14,120
18" ADS	264	LF	24.00	\$ 6,336
24" ADS	25	LF	28.00	\$ 700
30" ADS	175	LF	36.00	\$ 6,300
36" ADS	1,747	LF	40.00	\$ 69,880
Precast Concrete Sewer Manhole	2	EA	1,500.00	\$ 3,000
Precast Type C Inlet	5	EA	1,200.00	\$ 6,000
Precast Type M Inlet	2	EA	1,200.00	\$ 2,400
Modified Precast Type C Inlet	9	EA	1,400.00	\$ 12,600
Modified Precast Type M Inlet	1	EA	1,400.00	\$ 1,400
Double Precast Type C Inlet	1	EA	1,700.00	\$ 1,700
Double Precast Type M Inlet	1	EA	1,700.00	\$ 1,700
(36") Type D-W Endwall	1	EA	1,400.00	\$ 1,400
Rip Rap	140	TONS	20.00	\$ 2,800
				\$ 130,880
Landscaping				
Green Mtn. Sugar Maple 2"-2 1/2" Cal.	6	EA	280.00	\$ 1,680
Village Green Zelkova 2"-2 1/2" Cal.	2	EA	330.00	\$ 660
Summit Ash 2"-2 1/2" Cal.	34	EA	200.00	\$ 6,800
American Red Maple 2"-2 1/2" Cal.	20	EA	300.00	\$ 6,000
				\$ 15,140
Sub-total				\$ 145,476
Sub-total Pg. 1				\$ 412,051
10 % Contingency				\$ 55,753
5 % Construction Inspection				\$ 27,876
Total				\$ 541,550

I hereby certify to the best of my knowledge and belief that the cost of completion of the required public improvements for the "Quarry Ridge" Subdivision as indicated herein are fair and reasonable.



Gregory C. Newell, P.E. PA License #: 36760-E

NAVE, NEWELL, AND STAMPFL, LTD
QUARRY RIDGE SUBDIVISION- Phase III
SADSBURY TOWNSHIP, CHESTER COUNTY, PA
ESCROW FUND TABULATION FOR PUBLIC IMPROVEMENTS

Date: 3/17/99

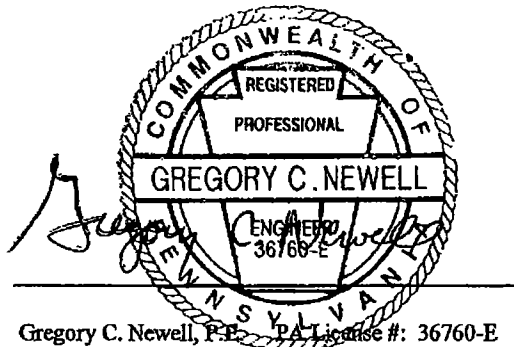
97-081

Date: 5/10/99 (Revised)

Description	Quantity	Units	Unit Price	Total
Roadway Improvements				
7" x 8" Concrete Curb	4,268	LF	9.50	\$ 40,546
Conc. Sidewalk 4" Depth (incl. Subbase	400	SY	22.50	\$ 9,000
8" 3A Modified Stone Base	6,711	SY	10.00	\$ 67,110
2" Bituminous Binder Course	6,711	SY	4.25	\$ 28,522
1.5" Bituminous Wearing Course	6,711	SY	3.00	\$ 20,133
Cut	14,504	CY	2.25	\$ 32,634
Fill	23,736	CY	1.75	\$ 41,538
				\$ 289,483
Erosion Controls				
Silt Fence	2,085	LF	2.00	\$ 4,170
Permanent Stabilization		LS	15,200.00	\$ 15,200
Temporary Seeding		LS	1,000.00	\$ 1,000
Rock Construction Entrance	1	EA	1,500.00	\$ 1,500
Swale	7,105	SY	1.70	\$ 12,079
Stone Filter Berms	6	EA	100.00	\$ 600
Plywood Baffles	140	LF	15.00	\$ 2,100
Rock Basin	2	EA	1,500.00	\$ 3,000
Erosion Control Matting	13,714	SY	3.50	\$ 47,999
Temporary Riser	1	EA	1,153.00	\$ 1,153
				\$ 88,801
Sanitary Sewer				
8" PVC SDR35	1,966	LF	25.00	\$ 49,150
8" Class 52 DIP	216	LF	44.00	\$ 9,504
Precast Concrete Manholes	11	EA	1,500.00	\$ 16,500
6" PVC SDR35 Lateral	1,327	LF	15.00	\$ 19,905
Furnish and Place Drop Manholes	5.0	VF	60.00	\$ 300
				\$ 95,359
Miscellaneous				
Concrete Monuments	20	EA	125.00	\$ 2,500
Playground Equipment		LS	6,000.00	\$ 6,000
Stop Signs, etc.	4	EA	100.00	\$ 400
Street Signs	2	EA	125.00	\$ 250
As-Built Plan		LS	4,000.00	\$ 4,000
Construction Stakeout		LS	12,395.00	\$ 12,395
Iron Pins at Property Corners	81	EA	75.00	\$ 6,075
Clearing & Grubbing / Haul Away		LS	7,288.00	\$ 7,288
				\$ 38,908
Sub-Total				\$ 462,550

NAVE, NEWELL, AND STAMPFL, LTD QUARRY RIDGE SUBDIVISION- Phase III SADSBURY TOWNSHIP, CHESTER COUNTY, PA ESCROW FUND TABULATION FOR PUBLIC IMPROVEMENTS				
Date: 3/17/99		97-081		
Date: 5/10/99 (Revised)				
Description	Quantity	Units	Unit Price	Total
Storm Sewers				
15" ADS	1,071	LF	20.00	\$ 21,420
18" ADS	372	LF	24.00	\$ 8,928
24" ADS	1,247	LF	28.00	\$ 34,916
36" ADS	415	LF	40.00	\$ 16,600
Precast Concrete Sewer Manhole	3	EA	1,500.00	\$ 4,500
Precast Type C Inlet	4	EA	1,200.00	\$ 4,800
Precast Type M Inlet	5	EA	1,200.00	\$ 6,000
Modified Precast Type C Inlet	8	EA	1,400.00	\$ 11,200
Double Precast Type C Inlet	4	EA	1,700.00	\$ 6,800
Type D-W Endwall	3	EA	1,200.00	\$ 3,600
(36") Type D-W Endwall	1	EA	1,400.00	\$ 1,400
Detention Basin Construction		LS	38,275.00	\$ 38,275
Rip Rap	536	TONS	20.00	\$ 10,720
Anti-Seep Collars	2	EA	200.00	\$ 400
				\$ 169,559
Landscaping				
Green Mtn. Sugar Maple 2"-2 1/2" Cal.	14	EA	280.00	\$ 3,920
Village Green Zelkova 2"-2 1/2" Cal.	25	EA	330.00	\$ 8,250
Red Oak 2 1/2"-3" Cal.	7	EA	400.00	\$ 2,800
American Red Maple 2"-2 1/2" Cal.	15	EA	300.00	\$ 4,500
				\$ 19,470
Sub-total				\$ 189,029
Sub-total Pg. 1				\$ 462,550
10 % Contingency				\$ 65,158
5 % Construction Inspection				\$ 32,579
Total				\$ 570,266

I hereby certify to the best of my knowledge and belief that the cost of completion of the required public improvements for the "Quarry Ridge" Subdivision as indicated herein are fair and reasonable.



 Gregory C. Newell, P.E. PA License #: 36760-E

NAVE, NEWELL, AND STAMPFL, LTD
QUARRY RIDGE SUBDIVISION- Phase IV
SADSBURY TOWNSHIP, CHESTER COUNTY, PA
ESCROW FUND TABULATION FOR PUBLIC IMPROVEMENTS

Date: 3/17/99

97-081

Date: 5/10/99 (Revised)

Description	Quantity	Units	Unit Price	Total
Roadway Improvements				
7"x8" Concrete Curb	5,098	LF	9.50	\$ 48,431
Conc. Sidewalk 4" Depth (incl. Subbase)	603	SY	22.50	\$ 13,568
8" 3A Modified Stone Base	7,745	SY	10.00	\$ 77,450
2" Bituminous Binder Course	7,745	SY	4.25	\$ 32,916
1.5" Bituminous Wearing Course	7,745	SY	3.00	\$ 23,235
Cut	12,186	CY	2.25	\$ 27,419
Fill	5,638	CY	1.75	\$ 9,867
				\$ 232,885
Erosion Controls				
Silt Fence	1,908	LF	2.00	\$ 3,816
Straw Bale Barrier	392	LF	1.50	\$ 588
Sediment Trap	3	EA	4,000.00	\$ 12,000
Inlet Protection	23	EA	150.00	\$ 3,450
Permanent Stabilization		LS	9,800.00	\$ 9,800
Temporary Seeding		LS	1,000.00	\$ 1,000
Rock Construction Entrance	2	EA	1,500.00	\$ 3,000
Diversion Swale	1,535	SY	1.70	\$ 2,610
Erosion Control Matting	8,348	SY	3.50	\$ 29,218
Embankment Trap Outlets	3	EA	450.00	\$ 1,350
				\$ 66,832
Sanitary Sewer				
8" PVC SDR35	2,278	LF	25.00	\$ 56,950
Precast Concrete Manholes	11	EA	1,500.00	\$ 16,500
6" PVC SDR35 Lateral	1,612	LF	15.00	\$ 24,180
				\$ 97,630
Miscellaneous				
Concrete Monuments	19	EA	125.00	\$ 2,375
Stop Signs, etc.	4	EA	100.00	\$ 400
Street Signs	2	EA	125.00	\$ 250
Street Lights	1	EA	1,500.00	\$ 1,500
As-Built Plan		LS	4,000.00	\$ 4,000
Construction Stakeout		LS	11,155.00	\$ 11,155
Iron Pins at Property Corners	91	EA	75.00	\$ 6,825
Clearing & Grubbing / Haul Away		LS	4,445.00	\$ 4,445
				\$ 30,950
Sub-Total				\$ 428,296

NAVE, NEWELL, AND STAMPFL, LTD
QUARRY RIDGE SUBDIVISION- Phase IV
SADSBURY TOWNSHIP, CHESTER COUNTY, PA
ESCROW FUND TABULATION FOR PUBLIC IMPROVEMENTS

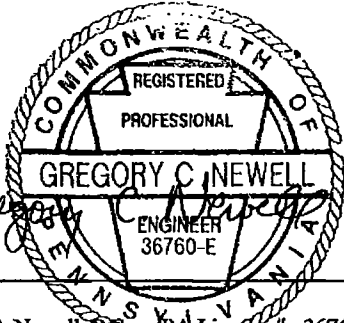
Date: 3/17/99

97-081

Date: 5/10/99 (Revised)

Description	Quantity	Units	Unit Price	Total
Storm Sewers				
15" ADS	1,089	LF	20.00	\$ 21,780
18" ADS	587	LF	24.00	\$ 14,088
24" ADS	185	LF	28.00	\$ 5,180
Precast Concrete Sewer Manhole	1	EA	1,500.00	\$ 1,500
Precast Type C Inlet	13	EA	1,200.00	\$ 15,600
Precast Type M Inlet	1	EA	1,200.00	\$ 1,200
Modified Precast Type C Inlet	4	EA	1,400.00	\$ 5,600
Double Precast Type C Inlet	3	EA	1,700.00	\$ 5,100
				\$ 70,048
Landscaping				
Green Mtn. Sugar Maple 2"-2 1/2" Cal.	12	EA	280.00	\$ 3,360
Village Green Zelkova 2"-2 1/2" Cal.	25	EA	330.00	\$ 8,250
Red Oak 2 1/2"-3" Cal.	22	EA	400.00	\$ 8,800
Summit Ash 2"-2 1/2" Cal.	26	EA	200.00	\$ 5,200
				\$ 25,610
Sub-total				\$ 95,658
Sub-total Pg. 1				\$ 428,296
10 % Contingency				\$ 52,395
5 % Construction Inspection				\$ 26,198
Total				\$ 502,987

I hereby certify to the best of my knowledge and belief that the cost of completion of the required public improvements for the "Quarry Ridge" Subdivision as indicated herein are fair and reasonable.



 Gregory C. Newell, P.E. PA License #: 36760-E

Certificate No. 23 Public Improvements Release for the Sadsbury Village Development

Item No.	Quantity	Description	Unit Price	Contract Value	Quantity Completed	Quantity Remaining	\$ Amount Completed
1	Lump Sum	Clearing and Grubbing	\$13,335.00	\$13,335.00	100%	0%	\$13,335.00
2	20,400 C.Y.	Strip Topsoil	\$1.10	\$22,440.00	20400	0	\$22,440.00
3	22,325 C.Y.	Cut	\$1.75	\$39,068.75	22325	0	\$39,068.75
4	25,410 C.Y.	Fill	\$0.00	\$0.00	25410	0	\$0.00
5	3,850 C.Y.	Borrow	\$5.00	\$19,250.00	3850	0	\$19,250.00
6	2 Each	Construction Entrance	\$1,500.00	\$3,000.00	2	0	\$3,000.00
7	2,810 L.F.	18" Silt Fence	\$2.50	\$7,025.00	2810	0	\$7,025.00
8	325 L.F.	30" Silt Fence	\$3.00	\$975.00	325	0	\$975.00
9	1,200 L.F.	Orange Safety Fence	\$2.20	\$2,640.00	1200	0	\$2,640.00
10	42 Each	Inlet Protection	\$100.00	\$4,200.00	42	0	\$4,200.00
11	675 S.Y.	Interceptor Swales	\$2.25	\$1,518.75	675	0	\$1,518.75
12	Lump Sum	Temporary Seeding	\$25,000.00	\$25,000.00	100%	0%	\$25,000.00
13	Lump Sum	Permanent Seeding	\$30,000.00	\$30,000.00	100%	0%	\$30,000.00
14	2 Each	Temporary Riser	\$1,500.00	\$3,000.00	2	0	\$3,000.00
15	2 Each	Temp. Sediment Traps	\$4,000.00	\$8,000.00	2	0	\$8,000.00
16	675 S.Y.	Erosion Control Matting	\$3.50	\$2,362.50	675	0	\$2,362.50
17	120 Tons	Rip-Rap R-4 & R-5	\$27.00	\$3,240.00	120	0	\$3,240.00
18	1 Each	18" DW Endwall	\$1,250.00	\$1,250.00	1	0	\$1,250.00
19	2 Each	24" DW Endwall	\$1,500.00	\$3,000.00	2	0	\$3,000.00
20	1 Each	42" DW Endwall	\$2,500.00	\$2,500.00	1	0	\$2,500.00
21	910 L.F.	15" ACMP - 16 Gauge	\$21.50	\$19,565.00	910	0	\$19,565.00
22	462 L.F.	15" RCP Class 3 w/gaskets	\$23.50	\$10,857.00	462	0	\$10,857.00
23	34 L.F.	18" RCP O-Ring Barrell	\$52.00	\$1,768.00	34	0	\$1,768.00
24	220 L.F.	18" ACMP - 16 Gauge	\$24.00	\$5,280.00	220	0	\$5,280.00
25	732 L.F.	24" ACMP - 16 Gauge	\$30.00	\$21,960.00	732	0	\$21,960.00
26	196 L.F.	30" ACMP - 16 Gauge	\$35.00	\$6,860.00	196	0	\$6,860.00
27	314 L.F.	36" ACMP - 14 Gauge	\$37.50	\$11,775.00	314	0	\$11,775.00
28	94 L.F.	42" ACMP - 14 Gauge	\$42.50	\$3,995.00	94	0	\$3,995.00
29	22 Each	Type "C" Inlet	\$1,250.00	\$27,500.00	22	0	\$27,500.00
30	16 Each	Type "C" Inlet Modified	\$1,600.00	\$25,600.00	16	0	\$25,600.00
31	4 Each	Type "M" Inlet	\$1,325.00	\$5,300.00	4	0	\$5,300.00
32	112 L.F.	24" RCP Class 3 w/gaskets	\$38.00	\$4,256.00	112	0	\$4,256.00
33	40 L.F.	18" RCP Class 3 w/gaskets	\$27.50	\$1,100.00	40	0	\$1,100.00
34	46 L.F.	24" RCP O-Ring Joints	\$48.00	\$2,208.00	46	0	\$2,208.00
Sub-Total				\$339,829.00			\$339,829.00

Certificate No. 23 Public Improvements Release for the Sadsbury Village Development

Item No.	Quantity	Description	Unit Price	Contract Value	Quantity Completed	Quantity Remaining	\$ Amount Completed
35	2 Each	Outlet Structure	\$1,675.00	\$3,350.00	2	0	\$3,350.00
36	2 Each	Anti-Seep Collars	\$1,000.00	\$2,000.00	2	0	\$2,000.00
37	1,120 S.F.	Emergency Spillway	\$0.75	\$840.00	1120	0	\$840.00
38	2 Each	Infiltration Channel	\$4,500.00	\$9,000.00	2	0	\$9,000.00
39	Lump Sum	Plunge Pool Basin "A"	\$500.00	\$500.00	100%	0%	\$500.00
40	70 L.F.	18" RCP Water Tight Joints	\$47.50	\$3,325.00	70	0	\$3,325.00
41	Lump Sum	Detention Basin "A"	\$20,000.00	\$20,000.00	100%	0%	\$20,000.00
42	Lump Sum	Detention Basin "B"	\$22,500.00	\$22,500.00	100%	0%	\$22,500.00
43	1 Each	Tie In to Existing Manhole	\$1,500.00	\$1,500.00	1	0	\$1,500.00
44	25 Each	Sanitary Manhole	\$1,500.00	\$37,500.00	25	0	\$37,500.00
45	1 Each	Sanitary Drop Manhole	\$2,500.00	\$2,500.00	1	0	\$2,500.00
46	5,019 L.F.	8" PVC SDR-35	\$25.00	\$125,475.00	5019	0	\$125,475.00
47	5,110 L.F.	6" PVC SDR-35 Laterals	\$15.00	\$76,650.00	5110	0	\$76,650.00
48	146 Each	6" PVC Lateral Wye Conn.	\$75.00	\$10,950.00	146	0	\$10,950.00
49	38,875 S.F.	Grade and Seed Easement	\$0.04	\$1,555.00	38875	0	\$1,555.00
50	Lump Sum	Main. & Prot. of Traffic	\$5,000.00	\$5,000.00	100%	0%	\$5,000.00
51	7,863 L.F.	7"x8"x18" Concrete Curb	\$9.50	\$74,698.50	7863	0	\$74,698.50
52	10,675 S.Y.	8" CABC	\$10.00	\$106,750.00	10675	0	\$106,750.00
53	10,675 S.Y.	1.5" ID-2 Binder Course	\$3.50	\$37,362.50	10675	0	\$37,362.50
54	10,675 S.Y.	1" ID-2 Wearing Course	\$3.00	\$32,025.00	10675	0	\$32,025.00
55	3,365 S.Y.	10" CABC (Heavy Paving)	\$12.50	\$42,062.50	3365	0	\$42,062.50
56	3,365 S.Y.	1.5" Binder (Heavy Paving)	\$3.50	\$11,777.50	3365	0	\$11,777.50
57	3,365 S.Y.	1" Wearing (Heavy Paving)	\$3.00	\$10,095.00	3365	0	\$10,095.00
58	660 L.F.	Curb Demolition	\$3.50	\$2,310.00	660	0	\$2,310.00
59	660 L.F.	Saw Cut	\$2.50	\$1,650.00	660	0	\$1,650.00
60	910 S.Y.	8" 2A Modified	\$9.50	\$8,645.00	910	0	\$8,645.00
61	910 S.Y.	8" BCBC	\$18.25	\$16,607.50	910	0	\$16,607.50
62	910 S.Y.	2" ID-2 Binder	\$4.25	\$3,867.50	910	0	\$3,867.50
63	910 S.Y.	1.5" Wearing Course	\$3.50	\$3,185.00	910	0	\$3,185.00
64	12 Each	Handicap Ramps	\$600.00	\$7,200.00	12	0	\$7,200.00
65	2,500 S.Y.	Conc. Sidewalk 4" Depth	\$24.50	\$61,250.00	2500	0	\$61,250.00
66	1,500 S.Y.	Conc. Sidewalk 6" Depth	\$36.75	\$55,125.00	1500	0	\$55,125.00
67	9 Each	Green Mtn. Sugar Maple	\$345.00	\$3,105.00	9	0	\$3,105.00
68	19 Each	Pin Oak	\$535.00	\$10,165.00	19	0	\$10,165.00
69	15 Each	Aristocrab Pear	\$335.00	\$5,025.00	15	0	\$5,025.00
Sub-Total				\$815,551.00			\$815,551.00

Certificate No. 23 Public Improvements Release for the Sadsbury Village Development

Item No.	Quantity	Description	Unit Price	Contract Value	Quantity Completed	Quantity Remaining	\$ Amount Completed
70	15 Each	October Glory Red Maple	\$345.00	\$5,175.00	15	0	\$5,175.00
71	50 Each	Norway Spruce	\$88.50	\$4,425.00	50	0	\$4,425.00
72	54 Each	Eastern White Pine	\$73.50	\$3,969.00	54	0	\$3,969.00
73	33 Each	Konse Dogwood	\$108.00	\$3,564.00	33	0	\$3,564.00
74	8 Each	Red Sade Jade Crab	\$263.00	\$2,104.00	8	0	\$2,104.00
75	28 Each	Shadblow Service Berry	\$270.00	\$7,560.00	28	0	\$7,560.00
76	24 Each	Autumn Flowering Cherry	\$345.00	\$8,280.00	24	0	\$8,280.00
77	250 Each	Blue Princess Holly	\$50.00	\$12,500.00	250	0	\$12,500.00
78	245 Each	Dense Yew	\$38.50	\$9,432.50	245	0	\$9,432.50
79	147 Each	Dwarf Feathergills	\$32.50	\$4,777.50	147	0	\$4,777.50
80	495 Each	Delaware Valley White Azalea	\$32.50	\$16,087.50	495	0	\$16,087.50
81	495 Each	Little Princess Spirea	\$45.50	\$22,522.50	495	0	\$22,522.50
82	730 Each	Sargent Juniper	\$28.00	\$20,440.00	730	0	\$20,440.00
83	10 Each	Red Maple	\$345.00	\$3,450.00	10	0	\$3,450.00
84	10 Each	Weeping Willow	\$143.00	\$1,430.00	10	0	\$1,430.00
85	10 Each	Sycamore	\$143.00	\$1,430.00	10	0	\$1,430.00
86	26 Each	Red Twig Dogwood	\$68.50	\$1,781.00	26	0	\$1,781.00
87	30 Each	Summer Sweet Clethra	\$68.50	\$2,055.00	30	0	\$2,055.00
88	12 Each	Common Winterberry	\$68.50	\$822.00	12	0	\$822.00
89	6 Each	Stop Signs	\$100.00	\$600.00	6	0	\$600.00
90	6 Each	Street Signs	\$125.00	\$750.00	6	0	\$750.00
91	2 Each	Right Turn Only Sign	\$100.00	\$200.00	2	0	\$200.00
92	8 Each	Parking Lot Lights	\$1,500.00	\$12,000.00	8	0	\$12,000.00
93	45 Each	Concrete Monuments	\$125.00	\$5,625.00	45	0	\$5,625.00
94	30 Each	Iron Pipe Corner Points	\$75.00	\$2,250.00	30	0	\$2,250.00
95	2 Each	Utility Pole Relocation	\$2,500.00	\$5,000.00	2	0	\$5,000.00
96	1,500 S.Y.	4' Wide Walking Trail	\$18.50	\$27,750.00	1500	0	\$27,750.00
97	Lump Sum	Playground 40'x40'	\$30,000.00	\$30,000.00	100%	0%	\$30,000.00
98	1 Each	Gazebo	\$2,250.00	\$2,250.00	1	0	\$2,250.00
99	Lump Sum	Construction Stakeset	\$37,500.00	\$37,500.00	100.00%	0.00%	\$37,500.00
100	Lump Sum	As Built Plans	\$8,000.00	\$8,000.00	100%	0%	\$8,000.00
101	Lump Sum	Traffic Signal Contribution	\$60,000.00	\$60,000.00	100.00%	0.00%	\$60,000.00
102	Lump Sum	Line Painting	\$2,250.00	\$2,250.00	100%	0%	\$2,250.00
	Lump Sum	10% Contingency	\$148,136.00	\$148,136.00	100.00%	0.00%	\$148,136.00
	Lump Sum	5% Construction Inspection	\$74,068.00	\$74,068.00	100.00%	0.00%	\$74,068.00
Sub-Total This Sheet				\$548,184.00			\$548,184.00

Certificate No. 23 Public Improvements Release for the Sadsbury Village Development

Item No.	Quantity	Description	Unit Price	Contract Value	Quantity Completed	Quantity Remaining	\$ Amount Completed
Sub-Total Sheet 1				\$339,829.00			\$339,829.00
Sub-Total Sheet 2				\$815,551.00			\$815,551.00
Sub-Total Sheet 3				\$548,184.00			\$548,184.00
TOTAL AMOUNT OF WORK COMPLETED							\$1,703,564.00

TOTAL AMOUNT OF ESCROW	\$1,703,564.00
AMOUNT OF REMAINING WORK	<u>\$0.00</u>
AMOUNT OF WORK COMPLETED	\$1,703,564.00
 LESS RETAINAGE	 \$0.00
 LESS CERTIFICATES #1 through #22	 <u>\$1,690,453.80</u>
 AMOUNT APPROVED FOR RELEASE THIS CERTIFICATE	 \$13,110.20

James W. MacCombie, P.E., P.L.S.
 Sadsbury Township Engineer
 (10/3/06)

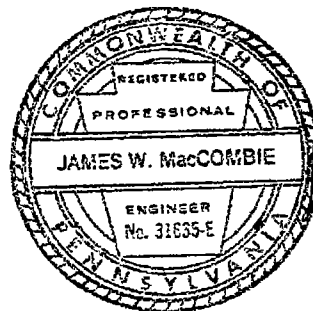
Certificate No. 12 Public Improvements Octorara Glen Subdivision

Item No.	Quantity	Description	Unit Price	Contract Value	Quantity Completed	Quantity Remaining	\$ Amount Completed
1	Lump Sum	Boundary Survey	\$2,500.00	\$2,500.00	100%	0%	\$2,500.00
2	Lump Sum	Construction Stakeout	\$12,600.00	\$12,600.00	100.00%	0.00%	\$12,600.00
3	22 Each	Concrete Monuments	\$150.00	\$3,300.00	0	22	\$0.00
4	42 Each	Iron Pins	\$80.00	\$3,360.00	0	42	\$0.00
5	Lump Sum	As Built Plan	\$3,500.00	\$3,500.00	0%	100%	\$0.00
6	5 Acres	Clearing	\$3,500.00	\$17,500.00	5	0	\$17,500.00
7	30,155 C.Y.	Strip Topsoil	\$1.75	\$52,771.25	30155	0	\$52,771.25
8	37,240 C.Y.	Cut ROW	\$1.75	\$65,170.00	37240	0	\$65,170.00
9	27,490 C.Y.	Fill	\$0.90	\$24,741.00	27490	0	\$24,741.00
10	259,600 C.Y.	Rough Grading	\$0.03	\$7,788.00	259600	0	\$7,788.00
11	764,550 S.Y.	Ro Grade Site	\$0.02	\$15,291.00	764550	0	\$15,291.00
12	100 Tons	Rip-Rap at Endwalls	\$30.20	\$3,020.00	100	0	\$3,020.00
13	Lump Sum	Forebay & Sand	\$12,280.00	\$12,280.00	0%	100%	\$0.00
14	3,523 L.F.	8" SDR-35 Pipe	\$19.50	\$68,698.50	3523	0	\$68,698.50
15	1,352 L.F.	6" SDR-35 Pipe	\$16.75	\$22,646.00	1352	0	\$22,646.00
16	22 Each	Manholes	\$2,460.00	\$54,120.00	22	0	\$54,120.00
17	2 Each	Drop Connections	\$1,000.00	\$2,000.00	2	0	\$2,000.00
18	1 Each	Drop Manhole	\$3,050.00	\$3,050.00	1	0	\$3,050.00
19	1 Each	Stream Crossing	\$2,000.00	\$2,000.00	1	0	\$2,000.00
20	20 L.F.	Concrete Encasement	\$55.00	\$1,100.00	20	0	\$1,100.00
21	44 Each	Laterals	\$160.00	\$7,040.00	44	0	\$7,040.00
22	Lump Sum	Easement Restoration	\$1,875.00	\$1,875.00	100%	0%	\$1,875.00
23	1 Each	Stream Crossing	\$2,500.00	\$2,500.00	1	0	\$2,500.00
24	Lump Sum	Testing	\$3,650.00	\$3,650.00	100.00%	0.00%	\$3,650.00
25	1,139 L.F.	15" Pipe	\$19.00	\$21,641.00	1139	0	\$21,641.00
26	875 L.F.	18" Pipe	\$21.25	\$18,593.75	875	0	\$18,593.75
27	57 L.F.	36" Pipe	\$42.50	\$2,422.50	57	0	\$2,422.50
28	1,299 L.F.	24" Pipe	\$26.75	\$34,748.25	1299	0	\$34,748.25
29	104 L.F.	30" Pipe	\$37.00	\$3,848.00	104	0	\$3,848.00
30	11 Each	Type C Special Inlets	\$1,900.00	\$20,900.00	11	0	\$20,900.00
31	25 Each	Type C Inlets	\$1,400.00	\$35,000.00	25	0	\$35,000.00
32	3 Each	DW Endwalls	\$4,475.00	\$13,425.00	3	0	\$13,425.00
33	1 Each	Type M Inlet	\$1,300.00	\$1,300.00	1	0	\$1,300.00
34	430 L.F.	36" Perforated Pipe	\$29.66	\$12,755.00	430	0	\$12,755.00
35	2,060 L.F.	Super Silt Fence	\$4.87	\$10,030.00	2060	0	\$10,030.00
Sheet Sub-Total				\$567,164.25			\$544,544.25

Certificate No. 12 Public Improvements Octorara Glen Subdivision

Item No.	Quantity	Description	Unit Price	Contract Value	Quantity Completed	Quantity Remaining	S Amount Completed
36	3,850 L.F.	18" Silt Fence	\$1.60	\$6,160.00	3850	0	\$6,160.00
37	36 Each	Inlet Protection	\$85.00	\$3,060.00	0	36	\$0.00
38	60,367 S.F.	Temporary Seeding	\$0.02	\$1,207.34	60367	0	\$1,207.34
39	1 Each	Construction Entrance	\$2,750.00	\$2,750.00	1	0	\$2,750.00
40	44,031 S.F.	Curlex	\$0.47	\$20,555.60	44031	0	\$20,555.60
41	7,175 L.F.	Concrete Curb	\$7.50	\$53,812.50	7175	0	\$53,812.50
42	24,880 S.F.	4" Sidewalk	\$2.15	\$53,492.00	19536	5344	\$42,002.40
43	3,520 S.F.	6" Sidewalk	\$2.35	\$8,272.00	1680	1840	\$3,948.00
44	44 Each	Concrete Aprons	\$455.00	\$20,020.00	33	11	\$15,015.00
45	12 Each	Handicap Ramps	\$250.00	\$3,000.00	10	2	\$2,500.00
46	11,588 S.Y.	6" 2A Modified	\$5.80	\$67,210.40	11588	0	\$67,210.40
47	11,588 S.Y.	4" B.C.B.C.	\$7.10	\$82,247.80	11588	0	\$82,247.80
48	11,588 S.Y.	1-1/2" ID-2 Wearing Crse.	\$4.25	\$49,249.00	0	11588	\$0.00
49	11,588 S.Y.	Clean Tc Seal	\$0.20	\$2,317.60	0	11588	\$0.00
50	1,425 S.Y.	Walking Trail	\$3.50	\$4,987.50	0	1425	\$0.00
51	8 Each	Street Signs	\$100.00	\$800.00	8	0	\$800.00
52	208 Each	Street Trees	\$350.00	\$72,800.00	0	208	\$0.00
53	Lump Sum	10% Contingency	\$101,910.60	\$101,910.60	0.00%	100.00%	\$0.00
54	Lump Sum	5% Construction Inspection	\$50,955.30	\$50,955.30	62.25%	37.75%	\$31,721.83
Sub-Total This Sheet				\$604,807.64			\$329,929.87
Sub-Total Sheet 1				\$567,164.25			\$544,544.25
Total Amount of Work Completed							\$874,474.12

TOTAL AMOUNT OF ESCROW	\$1,171,971.89
AMOUNT OF REMAINING WORK	\$297,497.77
AMOUNT OF WORK COMPLETED	\$874,474.12
LESS RETAINAGE	\$42,137.61
LESS CERTIFICATES #1, #2, #3, #4, #5, #6, #7, #8, #9, #10, & #11	\$819,620.33
AMOUNT APPROVED FOR RELEASE THIS CERTIFICATE	\$12,716.18



James W. MacCombie, P.E., P.L.S.
Sadsbury Township Engineer (4/4/06)

Certificate No. 12 Public Improvements Cowan Estates Subdivision

Item No.	Quantity	Description	Unit Price	Contract Value	Quantity Completed	Quantity Remaining	\$ Amount Completed
1	Lump Sum	Construction Stake-out	\$16,000.00	\$16,000.00	100.00%	0.00%	\$16,000.00
2	Lump Sum	Clearing	\$5,500.00	\$5,500.00	100.00%	0.00%	\$5,500.00
3	1 Each	Construction Entrance	\$3,500.00	\$3,500.00	1	0	\$3,500.00
4	1,230 L.F.	18" Silt Fence	\$1.75	\$2,152.50	1230	0	\$2,152.50
5	1,169 L.F.	30" Silt Fence	\$2.50	\$2,922.50	1169	0	\$2,922.50
6	1,882 L.F.	Super Silt Fence	\$7.00	\$13,174.00	1882	0	\$13,174.00
7	5,560 L.F.	Tree Protection Fence	\$2.45	\$13,622.00	5560	0	\$13,622.00
8	150 L.F.	Baffles	\$25.00	\$3,750.00	150	0	\$3,750.00
9	Lump Sum	Temporary Seeding	\$1,000.00	\$1,000.00	100.00%	0.00%	\$1,000.00
10	150 L.F.	Curlex Blanket	\$2.00	\$300.00	150	0	\$300.00
11	11,711 S.Y.	NAG S75	\$1.50	\$17,566.50	11711	0	\$17,566.50
12	Lump Sum	Temp. Sediment Trap #3	\$6,500.00	\$6,500.00	100.00%	0.00%	\$6,500.00
13	Lump Sum	Temporary Sediment Trap #4	\$8,000.00	\$8,000.00	100.00%	0.00%	\$8,000.00
14	4,213 C.Y.	Strip Topsoil	\$2.00	\$8,426.00	4213	0	\$8,426.00
15	190,022 S.F.	Rough Grading	\$0.05	\$9,501.10	190022	0	\$9,501.10
16	18,013 C.Y.	Cut to Fill & Spoils	\$2.10	\$37,827.30	18013	0	\$37,827.30
17	1,301 L.F.	15" RCCP	\$30.00	\$39,030.00	1301	0	\$39,030.00
18	644 I.F.	18" RCCP	\$32.00	\$20,608.00	644	0	\$20,608.00
19	250 L.F.	21" RCCP	\$32.00	\$8,000.00	250	0	\$8,000.00
20	304 L.F.	24" RCCP	\$36.00	\$10,944.00	304	0	\$10,944.00
21	17 Each	Type "C" Inlet	\$1,700.00	\$28,900.00	17	0	\$28,900.00
22	1 Each	Twin Type "C" Inlet	\$3,200.00	\$3,200.00	1	0	\$3,200.00
23	3 Each	Type "M" Inlet	\$1,700.00	\$5,100.00	3	0	\$5,100.00
24	6 Each	Storm Manhole	\$2,500.00	\$15,000.00	6	0	\$15,000.00
Detention Basin #1							
25	Lump Sum	Earthwork	\$6,000.00	\$6,000.00	100.00%	0.00%	\$6,000.00
26	1 Each	2" Skimmer	\$2,000.00	\$2,000.00	1	0	\$2,000.00
27	1 Each	2'x4' Inlet Riser	\$4,000.00	\$4,000.00	1	0	\$4,000.00
28	31 I.F.	15" RCCP Outlet Pipe	\$30.00	\$930.00	31	0	\$930.00
29	1 Each	Antiseep Collar	\$1,700.00	\$1,700.00	1	0	\$1,700.00
30	1 Each	Flared End Section	\$1,000.00	\$1,000.00	1	0	\$1,000.00
31	12 Tons	R-4 Rip-Rap Plunge Pool	\$20.00	\$240.00	12	0	\$240.00
32	15 I.F.	Concrete Curb Level Spreader	\$11.00	\$165.00	11	0	\$165.00
Detention Basin #2							
33	Lump Sum	Earthwork	\$10,000.00	\$10,000.00	100.00%	0.00%	\$10,000.00
Sheet Sub-Total							
				\$306,558.90			\$306,558.90

Certificate No. 12 Public Improvements Cowan Estates Subdivision

<u>Item No.</u>	<u>Quantity</u>	<u>Description</u>	<u>Unit Price</u>	<u>Contract Value</u>	<u>Quantity Completed</u>	<u>Quantity Remaining</u>	<u>\$ Amount Completed</u>
34	1 Each	3" Skimmer	\$2,000.00	\$2,000.00	1	0	\$2,000.00
35	1 Each	2'x4' Inlet Riser	\$4,000.00	\$4,000.00	1	0	\$4,000.00
36	40 L.F.	21" RCCP Outlet Pipe	\$32.00	\$1,280.00	40	0	\$1,280.00
37	1 Each	Endwall	\$1,000.00	\$1,000.00	1	0	\$1,000.00
38	2 Each	Antiseep Collar	\$1,700.00	\$3,400.00	2	0	\$3,400.00
39	1 Each	Type "M" Inlet	\$1,700.00	\$1,700.00	1	0	\$1,700.00
40	60 L.F.	Concrete Curb Level Spreader	\$11.00	\$660.00	60	0	\$660.00
41	2 Each	24" Perforated End Caps	\$50.00	\$100.00	2	0	\$100.00
42	80 S.Y.	Geotextile	\$2.00	\$160.00	80	0	\$160.00
43	75 Tons	AASHTO #57 Stone	\$50.00	\$3,750.00	75	0	\$3,750.00
44	150 L.F.	SSF Baffle 4'	\$25.00	\$3,750.00	150	0	\$3,750.00
45	290 L.F.	Temp. Slope Pipe (21" ADS)	\$42.00	\$12,180.00	290	0	\$12,180.00
46	1 Each	Flared End Section	\$1,000.00	\$1,000.00	1	0	\$1,000.00
47	25 Tons	R-4 Rip-Rap Plunge Pool	\$20.00	\$500.00	25	0	\$500.00
Seepage Bed #1							
48	130 L.F.	8" Perforated ADS	\$25.00	\$3,250.00	130	0	\$3,250.00
49	6 Each	8" End Caps	\$100.00	\$600.00	6	0	\$600.00
50	1 Each	Yard Drain	\$750.00	\$750.00	1	0	\$750.00
51	270 Tons	AASHTO #1 Stone	\$50.00	\$13,500.00	270	0	\$13,500.00
52	400 S.Y.	Geotextile	\$2.00	\$800.00	400	0	\$800.00
53	1,620 S.Y.	Grade Topsoil	\$2.50	\$4,050.00	1620	0	\$4,050.00
54	1,620 S.Y.	Rake and Seed	\$0.70	\$1,134.00	1620	0	\$1,134.00
Conversion of Sediment Trap #1							
55	450 C.Y.	Desilt	\$20.00	\$9,000.00	0	450	\$0.00
56	550 C.Y.	Fill	\$1.00	\$550.00	0	550	\$0.00
57	130 L.F.	8" Perforated ADS	\$25.00	\$3,250.00	0	130	\$0.00
58	550 C.Y.	Borrow From OnSite Stockpile	\$5.00	\$2,750.00	0	550	\$0.00
59	6 Each	8" End Caps	\$100.00	\$600.00	0	6	\$0.00
60	1 Each	Type "M" Inlet	\$1,700.00	\$1,700.00	0	1	\$0.00
61	160 Tons	AASHTO #1 Stone	\$50.00	\$8,000.00	0	160	\$0.00
62	400 S.Y.	Geotextile	\$2.00	\$800.00	0	400	\$0.00
63	1,620 S.Y.	Grade Topsoil	\$2.50	\$4,050.00	0	1620	\$0.00
64	1,620 S.Y.	Rake and Seed	\$0.70	\$1,134.00	0	1620	\$0.00
Sheet Sub-Total							
				\$91,398.00			\$59,564.00

Certificate No. 12 Public Improvements Cowan Estates Subdivision

<u>Item No.</u>	<u>Quantity</u>	<u>Description</u>	<u>Unit Price</u>	<u>Contract Value</u>	<u>Quantity Completed</u>	<u>Quantity Remaining</u>	<u>\$ Amount Completed</u>
Conversion of Sediment Basin #2							
65	450 C.Y.	Desilt	\$20.00	\$9,000.00	450	0	\$9,000.00
66	244 L.F.	8" Perforated ADS	\$25.00	\$6,100.00	244	0	\$6,100.00
67	6 Each	8" End Caps	\$100.00	\$600.00	6	0	\$600.00
68	1 Each	Type "M" Inlet	\$1,700.00	\$1,700.00	1	0	\$1,700.00
69	840 Tons	AASHTO #1 Stone	\$50.00	\$42,000.00	840	0	\$42,000.00
70	1,880 S.Y.	Geotextile	\$2.00	\$3,760.00	1880	0	\$3,760.00
71	2,380 S.Y.	Grade Topsoil	\$2.50	\$5,950.00	2380	0	\$5,950.00
72	2,380 S.Y.	Rake and Seed	\$0.70	\$1,666.00	2380	0	\$1,666.00
73	1,902 L.F.	8" SDR-35 Pipe	\$26.00	\$49,452.00	1902	0	\$49,452.00
74	330 L.F.	6" SDR-35 Pipe	\$24.00	\$7,920.00	330	0	\$7,920.00
75	18 Each	Sanitary Manholes	\$2,000.00	\$36,000.00	18	0	\$36,000.00
76	3,940 L.F.	Dig and Backfill for Curb	\$2.10	\$8,274.00	3940	0	\$8,274.00
77	120 L.F.	7"x8"x18" Concrete Curb	\$11.00	\$1,320.00	120	0	\$1,320.00
78	220 L.F.	Mountable Concrete Curb	\$9.00	\$1,980.00	220	0	\$1,980.00
79	3820 L.F.	Belgian Block Curb	\$11.50	\$43,930.00	3820	0	\$43,930.00
80	6,910 S.Y.	Fine Grading for Paving	\$0.20	\$1,382.00	6910	0	\$1,382.00
81	6,910 S.Y.	6" 3A Modified	\$7.35	\$50,788.50	6910	0	\$50,788.50
82	6,910 S.Y.	4" ID-2 Binder Course	\$11.00	\$76,010.00	6910	0	\$76,010.00
83	6,910 S.Y.	Clean & Tack	\$0.50	\$3,455.00	0	6910	\$0.00
84	6,910 S.Y.	1.5" ID-2 Wearing Course	\$6.50	\$44,915.00	0	6910	\$0.00
85	3,940 S.F.	Concrete Sidewalks	\$2.75	\$10,835.00	3940	0	\$10,835.00
86	Lump Sum	Streetlights	\$15,000.00	\$15,000.00	100.00%	0.00%	\$15,000.00
87	177 Each	Deciduous Trees	\$370.00	\$65,490.00	91	86	\$33,670.00
88	70 Each	Evergreen Trees	\$175.00	\$12,250.00	70	0	\$12,250.00
89	291 Each	Shrubs	\$60.00	\$17,460.00	291	0	\$17,460.00
90	550,000 S.F.	Permanent Seeding	\$0.06	\$33,000.00	550000	0	\$33,000.00
91	8 Each	Signs	\$250.00	\$2,000.00	8	0	\$2,000.00
92	Lump Sum	Pavement Markings	\$1,000.00	\$1,000.00	50.00%	50.00%	\$500.00
93	25 Each	Concrete Monuments	\$95.00	\$2,375.00	0	25	\$0.00
94	53 Each	Iron Lot Pins	\$75.00	\$3,975.00	53	0	\$3,975.00
95	Lump Sum	As Builts Plans	\$9,200.00	\$9,200.00	0.00%	100.00%	\$0.00
96	Lump Sum	10% Contingency	\$99,877.19	\$99,877.19	84.97%	15.03%	\$84,863.75
97	Lump Sum	5% Construction Inspection	\$48,429.22	\$48,429.22	39.06%	60.94%	\$18,918.73
Sheet Sub-Total				\$717,093.91			\$580,304.98

Certificate No. 11 Public Improvements Cowan Estates Subdivision

Sub-Total Sheet 1			\$306,558.90			\$306,558.90
Sub-Total Sheet 2			\$91,398.00			\$59,564.00
Sub-Total Sheet 3			\$717,093.91			\$580,304.98
Total Amount of Work Completed			\$1,115,050.81			\$946,427.88

TOTAL AMOUNT OF ESCROW	\$1,115,050.81
AMOUNT OF REMAINING WORK	\$168,622.93
AMOUNT OF WORK COMPLETED	\$946,427.88
LESS RETAINAGE	\$23,187.73
LESS CERTIFICATES #1, #2, #3, #4, #5, #6, #7, #8, #9, #10, & #11	\$917,239.03
AMOUNT APPROVED FOR RELEASE THIS CERTIFICATE	\$6,001.12

 James W. MacCombie, P.E., P.L.S.
 Sadsbury Township Engineer (3/5/13)

METER MANHOLE, INFLUENT METER, & ADJUSTMENT OF MANHOLES

**Sadsbury Township, Chester County, PA
 Veteran Construction & Utility Services, Inc.
 12 Union Street, Coatesville, PA 19320**

RELEASE REQUEST: # 1
 DATE: 10/2/2015

ITEM	DESCRIPTION	UNIT	QTY	UNIT PRICE	CONTRACT VALUE	QUANTITY COMPLETED	QUANTITY REMAINING	TOTAL COMPLETED	TOTAL REMAINING
1	Maintenance & Protection of Traffic	L.S.	1	\$514.48	\$514.48	100%	0%	\$514.48	\$0.00
2	Bypass Pumping	Days	5	\$533.00	\$2,665.00	100%	0%	\$2,665.00	\$0.00
3	Sigma 950 Open Channel Flow Meter	EA.	1	\$16,196.91	\$16,196.91	100%	0%	\$16,196.91	\$0.00
4	Raise Existing Manholes	EA.	7	\$526.07	\$3,682.49	100%	0%	\$3,682.49	\$0.00
5	Neenah R1423-BNB Frame with Bolted Lid	EA.	9	\$738.14	\$6,643.26	100%	0%	\$6,643.26	\$0.00
A-1	6' Dia Pre-Cast Conc Manhole	EA.	1	\$52,221.64	\$52,221.64	100%	0%	\$52,221.64	\$0.00
Subtotal - Original Bid					\$81,923.78	100.00%	0.00%	\$81,923.78	\$0.00
TOTAL					\$81,923.78				\$0.00
TOTAL AMOUNT OF WORK COMPLETED								\$81,923.78	
LESS RETAINAGE- 10%								\$8,192.38	
LESS PREVIOUS CERTIFICATES								\$0.00	
TOTAL AMOUNT APPROVED THIS CERTIFICATE - FINAL								\$73,731.40	

**Payable To:
 Veteran Construction & Utility Services, Inc.
 12 Union Street
 Coatesville, PA 19320**

James W. MacCombie, P.E., P.L.S.
 Sadsbury Township Engineer

Date:

APPENDIX C

COST ESTIMATES FOR SEWERS NOT YET DEDICATED

**SADSBURY TOWNSHIP
CHESTER COUNTY, PA**

SANITARY SEWER SYSTEM

**ASSESSMENT OF TANGIBLE ASSETS
PURSUANT TO
PUC CODE §1329(A)(4)**

JANUARY 30, 2017

**ACCOUNT 361 – COLLECTION MAINS & ACCESSORIES - GRAVITY
SEWERS NOT YET DEDICATED**

ORIGINAL COST AS OF DECEMBER 31, 2016

BELLAIRE BUSINESS CENTER – PHASE 1A & 1B

ITEM	YEAR INSTALLED	UNIT	QTY	ORIGINAL COST
8" SDR-35 PVC 0-6 FT DEEP	2008	L.F.	1,516	\$23,184.00
8" SDR-35 PVC 6-8 FT DEEP	2008	L.F.	2,785	\$43,350.00
8" SDR-35 PVC 8-10 FT DEEP	2008	L.F.	1,450	\$23,200.00
8" SDR-35 PVC 10-12 FT DEEP	2008	L.F.	38	\$774.00
8" SDR-35 PVC 12-14 FT DEEP	2008	L.F.	281	\$5,016.00
8" SDR-35 PVC 14-16 FT DEEP	2008	L.F.	882	\$17,332.00
8" DUCTILE IRON PIPE	2008	L.F.	22	\$774.00
CONCRETE MANHOLE W/ FRAME & COVER	2008	EA.	34	\$66,002.00
8" DIP W/STEEL CASING BORE & JACK	2008	L.F.	133	\$62,544.00
8" SDR-35 PVC @ WETLANDS	2008	L.F.	65	\$3,192.00
TOTAL COST ACCOUNT 361 COLLECTION MAINS & ACCESS.-GRAVITY NOT YET DEDICATED BELLAIRE BUSINESS CENTER				\$245,368.00

ACCOUNT 363 – SERVICES – NOT YET DEDICATED

ORIGINAL COST AS OF DECEMBER 31, 2016

BELLAIRE BUSINESS CENTER – PHASE 1A & 1B

ITEM	YEAR INSTALLED	UNIT	QTY	ORIGINAL COST
6" SDR-35 PVC LATERAL	2008	EA.	201	\$10,270.00
TOTAL COST ACCOUNT 363 - SERVICES NOT YET DEDICATED BELLAIRE BUSINESS CENTER				\$10,270.00

**ACCOUNT 361 – COLLECTION MAINS & ACCESSORIES - GRAVITY
SEWERS NOT YET DEDICATED**

ORIGINAL COST AS OF DECEMBER 31, 2016

MEETINGHOUSE PROPERTIES, LLC (MORRIS FARM)

ITEM	YEAR INSTALLED	UNIT	QTY	ORIGINAL COST
8" SDR-35 PVC	2009	L.F.	2,037	\$69,090.00
CONCRETE MANHOLE W/ FRAME & COVER	2009	EA.	12	\$30,815.00
TOTAL COST ACCOUNT 361 COLLECTION MAINS & ACCESS.-GRAVITY NOT YET DEDICATED MORRIS FARM				\$99,905.00

ACCOUNT 363 – SERVICES – NOT YET DEDICATED

ORIGINAL COST AS OF DECEMBER 31, 2016

MEETINGHOUSE PROPERTIES, LLC (MORRIS FARM)

ITEM	YEAR INSTALLED	UNIT	QTY	ORIGINAL COST
6" SDR-35 PVC LATERAL	2009	L.F.	210	\$4,169.00
TOTAL COST ACCOUNT 363 - SERVICES NOT YET DEDICATED BELLAIRE BUSINESS CENTER				\$4,169.00

**ACCOUNT 361 – COLLECTION MAINS & ACCESSORIES - GRAVITY
SEWERS NOT YET DEDICATED**

ORIGINAL COST AS OF DECEMBER 31, 2016

SADBURY PARK

ITEM	YEAR INSTALLED	UNIT	QTY	ORIGINAL COST
PHASE 4C				
8" SDR-35 PVC	2013	L.F.	1,247	\$25,227.00
CONCRETE MANHOLE W/ FRAME & COVER	2013	EA.	7	\$17,960.00
PHASE 2A				
8" SDR-35 PVC	2015	L.F.	3,801	\$95,025.00
8" DIP	2015	L.F.	538	\$34,970.00
CONCRETE MANHOLE W/ FRAME & COVER	2015	EA.	31	\$66,092.00
TOTAL COST ACCOUNT 361 COLLECTION MAINS & ACCESS.-GRAVITY NOT YET DEDICATED SADBURY PARK				\$239,274.00

ACCOUNT 363 – SERVICES – NOT YET DEDICATED

ORIGINAL COST AS OF DECEMBER 31, 2016

SADBURY PARK

ITEM	YEAR INSTALLED	UNIT	QTY	ORIGINAL COST
6" SDR-35 PVC LATERAL	2015	EA.	64	\$31,636.00
6" DIP LATERAL	2015	EA.	7	\$8,134.00
TOTAL COST ACCOUNT 363 - SERVICES NOT YET DEDICATED BELLAIRE BUSINESS CENTER				\$39,770.00

APPENDIX D

**AMTRAK LICENSE AGREEMENT
SADSBURY SEWER CORPORATION CROSSING
MILEPOST 42.8**

**SADSBURY TOWNSHIP
CHESTER COUNTY, PA**

SANITARY SEWER SYSTEM

**ASSESSMENT OF TANGIBLE ASSETS
PURSUANT TO
PUC CODE §1329(A)(4)**

JANUARY 30, 2017

LAMB | M c E R L A N E ^{PC}

ATTORNEYS AT LAW

Vincent M. Pompo
Voice 610-430-8000
Fax 610-692-6210
vpompo@lambmcerlane.com

August 6, 2013

Linda Shank, Secretary
Courtney Sarbaum, Treasuer
Sadsbury Township
P.O. Box 261
Sadsburyville, PA 19369

Re: Amtrak License Agreement

Dear Linda and Courtney:

Enclosed please find the Township's original of the fully executed National Railroad Passenger Corporation License Agreement, and a copy of Nancy Edwards' cover letter of July 30, 2013.

Please note that Ms. Edwards states that she has not yet received the certificate of insurance meeting the requirements of Section 27 of the License Agreement. I am enclosing a copy of Section 27 for you to forward to your insurance agent for this purpose. If you need assistance in obtaining the certificate of insurance, please let me know.

Very truly yours,

LAMB MCERLANE PC

By: 

Vincent M. Pompo

Enclosures

cc: Joseph M. Drozd, CPA, CSEP
James W. MacCombie, P.E., P.L.S.

the foregoing conditions, Railroad shall have the right to do so at the sole cost and expense of Licensee, and Railroad shall not be liable in any manner to Licensee for said removal.

Notwithstanding the foregoing, Licensee may, with prior written consent of Railroad, and in accordance with Railroad's then current standards and specifications, abandon the Facilities in their current location upon the expiration or other termination of this Agreement.

The provisions of this Article shall survive the expiration or other termination of this Agreement. (26)

* 27. Before Licensee may exercise the License granted herein, Licensee shall at its sole cost and expense procure, provide, and deliver to Railroad and thereafter maintain in effect during the term of this Agreement, general liability insurance covering all liabilities assumed by Licensee under this Agreement, without exception or restriction of any kind. Products-completed operations, independent contractors and contractual liability coverages are to be included, with all railroad exclusions deleted. Railroad is to be included as an additional insured and said insurance shall be in limits of not less than Two Million Dollars (\$2,000,000.00) combined single limit, bodily injury, death and/or property damage whether of Licensee, Railroad, or others, and shall contain a waiver of subrogation against Railroad, and said insurance shall be with such companies and in such form as shall be acceptable to Railroad. Said insurance shall be endorsed to provide that Railroad will be notified in writing by the insurance carrier at least thirty (30) days in advance of any cancellation or changes which modify the coverage provided thereunder. The providing of such insurance shall not be deemed a limitation on the liability of Licensee as provided in this Agreement, but shall be additional security therefor. In the event the term of this Agreement exceeds ten (10) years, Railroad reserves the right to modify the conditions/limits of said insurance listed in this Article, but Railroad may not exercise such right more than once in any ten (10) year period. (27)

28. The covenants, conditions and agreements contained in this Agreement shall bind and inure to the benefit of Licensee and Railroad and their respective heirs, distributors, executors, administrators, successors, and, except as otherwise provided in this Agreement, their assigns. (28)

NATIONAL RAILROAD PASSENGER CORPORATION

2955 Market Street, 5th Floor SW, Box 25, Philadelphia, PA 19104



July 30, 2013

Via Federal Express

received
7-31-13

Mr. Vince Pompo
Lamb McErlane PC
24 E. Market Street
P. O. Box 565
West Chester, PA 19381

RE: Sadsbury Township, Chester County
Amtrak Line, Parkesburg, Pa., M.P. 42.8 +/-
Amtrak Tenant Account No: 37-05-562-3

Dear Mr. Pompo:

Enclosed for your file is a fully executed License Agreement between the National Railroad Passenger Corporation (Amtrak) and Sadsbury Township, Chester County (*minus a witness signature for Ms. Silvernail*) covering the above-referenced occupancy. The Amtrak tenant account number should be included on all future remittances and correspondence to properly identify your occupancy.

Please be advised that if additional construction at the proposed facility is required, construction will not be permitted until final review and approval by Amtrak's Engineering Department. Please contact Richard Cianfrini at 215-349-4971 to arrange for final approval and to coordinate construction, if necessary.

Please note we still need a copy of your Certificate of Insurance.

If you have any questions, I can be reached on 215-349-1925.

Sincerely,

Nancy Edwards
Nancy Edwards
Real Estate Development

Enclosure

cc: Richard Cianfrini w/copy of License Agreement

**NATIONAL RAILROAD PASSENGER CORPORATION
LICENSE AGREEMENT**

THIS LICENSE AGREEMENT (the "Agreement") made this 30th day of July 2013, between the NATIONAL RAILROAD PASSENGER CORPORATION, a corporation of the District of Columbia, with offices at 30th and Market Streets, Philadelphia, PA 19104, party of the first part (hereinafter called "Railroad"), and SADBURY TOWNSHIP, a municipality operating under the laws of the Commonwealth of Pennsylvania with offices at Sadsbury Township, Chester County, P.O. Box 262, Sadsburyville, PA 19369, as party of the second part (hereinafter called "Licensee").

WITNESSETH, that the Railroad (which when used herein shall include any lessor, lessee, successor or assignee of or operator of its railroad) insofar as it has the legal right and its present title permits, and in consideration of the covenants and conditions hereinafter stated on the part of the Licensee to be kept and performed, hereby grants to Licensee, and Licensee only (except as otherwise herein provided), a temporary license (the "License") to construct, maintain, repair, alter, renew, relocate and ultimately remove the following facilities (the "Facilities"):

- A. DESCRIPTION OF THE FACILITIES: One (1) twelve (12) inch sewer line and two (2) manholes for a distance of approximately 200 feet across Railroad's right-of-way near Old Wilmington Road.
- B. PURPOSE: To convey sewage from the Business Route 30 and Old Wilmington Road areas of Sadsbury Township to Coatesville Treatment Plant.
- C. TERMINATION OF PRIOR AGREEMENT: Upon execution, this Agreement shall terminate, cancel, and supersede a previous agreement between National Railroad Passenger Corporation and Sadsbury Township, Chester County, of July 29, 1999, as amended and extended by letter March 2, 2005.

D. LOCATION:

- (1) Milepost: 42.8 +/-
- (2) Town: Parkesburg
- (3) County: Chester
- (4) State: Pennsylvania

All as delineated and in strict accordance with plans titled Sadsbury Sewer Corporation Sanitary Sewage Facilities, Sadsbury Township, Chester County, Pennsylvania; DWG. No. 8117-018; Dated 12/10/98, Rev 3; DWG. No. 8117-019, Dated 12/10/98, Rev 5; and DWG. No. 8117-33, Dated 12/10/98, Rev. 1, submitted by Licensee to and approved as to concept by the Chief Engineer of the Railroad, marked "Exhibit A", attached hereto and made a part hereof, and also in strict compliance with current issues of Railroad's Engineering Practices No. EP3005 - PIPELINE OCCUPANCY SPECIFICATION 02081A all as applicable to the herein described work and incorporated herein by reference; said License, however, shall be under and subject to the following terms, covenants, and conditions as hereinafter recited, which are hereby accepted and agreed to, by the Licensee, to wit: (0.1)

1. This Agreement shall commence on the 15th day of July 2009 and terminate on the 14th day of July 2019, or before as hereinafter provided according to the terms, conditions and covenants herein contained. (1)

Provided that Licensee has performed all of its obligations and is not then in default under the terms, conditions and covenants herein contained, and subject to payment of a license fee in accordance with Railroad's then current fee schedule, Licensee shall have the right to renew this Agreement for an additional term of ten (10) years upon service of written notice of intent to renew not less than 90 days prior to the expiration of the current term. (1.2)

2. Licensee shall pay to the Railroad upon the execution hereof, the sum of Five Hundred Dollars (\$500) as reimbursement for the costs and expenses incident to the preparation of this Agreement, together with the further sum of Nine Thousand Five Hundred Dollars (\$9,500) as lump sum compensation ("License Fee"), for the rights granted in this Agreement for the Ten (10) year term, which sum shall be payable in advance, upon execution of this Agreement.

Notwithstanding the foregoing, payment of any additional charges and sums, other than as compensation for Licensee's occupancy, as hereinafter set forth shall be mailed to 23615 Network Place - Group 5, Chicago, IL 60673-1236, or at such other place as Railroad may from time to time designate. (2.1)

3. Licensee will pay when due the License Fee and any additional payments provided for hereunder, without any setoff or deduction whatsoever (except as provided for hereunder). Any payment or receipt by Railroad or its agent of an amount less than the full amount to which Railroad is entitled shall not operate or be deemed to operate, constitute or be construed, as a settlement or satisfaction of said License Fees or other amounts due, notwithstanding any statement or endorsement on the check or other paper accompanying the payment, but Railroad shall be deemed to have accepted said payment without prejudice and subject to its right to collect the balance actually due, as well as subject to any and all other rights available to Railroad by law and under this Agreement.

If: (i) a default shall occur with respect to Licensee's covenants herein to pay the License Fee or additional payments on any due date as described herein; or (ii) default shall occur with respect to any other covenants and agreements of Licensee herein contained, and if any such default shall not be cured within thirty (30) days after Licensee has been given written notice by Railroad to do so, or (iii) Licensee shall file or suffer to be filed against it a petition in bankruptcy, or (iv) Licensee shall be declared insolvent according to law, or if a receiver or trustee be appointed for the property of Licensee, or (v) Licensee shall make any general assignment for the benefit of creditors, or any bulk sale however denominated, or (vi) Licensee shall assign, sublet or sub-license its rights, duties or obligations hereunder without first obtaining the prior written consent of Railroad, then, in any of such cases, Railroad may by written notice to Licensee immediately declare this Agreement terminated, and in such event, in addition to any other action or remedy which Railroad may have at law or in equity by reason of a breach by Licensee of any provision of this Agreement, Railroad, acting as attorney in fact for Licensee, shall have the right, but not the obligation, to remove Licensee's Facilities by summary proceedings, without being liable to any prosecution, action or damages therefore, and have and enjoy the Railroad's property as of its former estate free, clear and discharged of the License provided for herein and of all rights of Licensee hereunder; and all Facilities owned or placed

upon the Railroad's property by or for Licensee hereunder, shall be filled and abandoned in place or removed by Railroad at the sole cost and expense of Licensee, which cost and expense Licensee shall pay to Railroad upon demand; and Licensee also shall pay to Railroad upon demand all fees and expenses, including reasonable attorney and/or collection agency fees, incurred in connection with the aforesaid actions.

The receipt by or on behalf of Railroad of the License Fee or additional payments, with or without knowledge of any breach of any of the terms, covenants or conditions of this Agreement, shall not be deemed a waiver of such breach, nor shall such receipt be deemed a withdrawal of any notice given to Licensee under the terms of this Agreement, nor shall such receipt be deemed a reinstatement or reestablishment of this Agreement or any portion thereof after termination or cancellation, nor shall the termination or other cancellation of this Agreement or any portion thereof waive the obligation of Licensee to pay or discharge the License Fee, additional payments or other obligations accruing under this Agreement.

Licensee hereby waives and relinquishes unto and in favor of Railroad the operation of all laws which do now or hereafter may exempt any Facilities on Railroad's property from levy and sale upon distress for rent or upon execution of any judgment obtained in an action brought for nonpayment of the License Fee or additional payments hereunder or for breach of any other provisions hereof. The parties hereto shall and do hereby waive trial by jury in any action, proceeding or counterclaim brought by either party against the other on any matter whatsoever arising out of or in any way connected with this Agreement or Licensee's use of the Facilities and occupancy of Railroad's property or arising out of or in any way connected with any claim of injury or damage arising out of or in connection with this Agreement or such use or occupancy. Licensee hereby expressly waives any and all rights of redemption granted by or under any present or future laws in the event of Licensee's being dispossessed for any cause or in the event of Railroad's obtaining possession or for removal of the Facilities by reason of the violation by Licensee of any of the covenants and conditions of this Agreement or otherwise.

Railroad shall have the right to require that payment of the License Fee and any additional payments be made in cash, money order or certified check. A service charge of Ten Dollars (\$10.00) will be charged for each instance in which a check is returned