

**NORTH HUNTINGDON TOWNSHIP
MUNICIPAL AUTHORITY**

**Fiscal Year 2017 Budget and Annual Report
May 2016**

KLH



ENGINEERS, INC
5173 CAMPBELLS RUN ROAD
PITTSBURGH, PA 15205-9733

**NORTH HUNTINGDON TOWNSHIP MUNICIPAL AUTHORITY
WESTMORELAND COUNTY, PENNSYLVANIA**

CONSULTING ENGINEER’S ANNUAL REPORT

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**NORTH HUNTINGDON TOWNSHIP MUNICIPAL AUTHORITY
WESTMORELAND COUNTY, PENNSYLVANIA**

CONSULTING ENGINEER'S ANNUAL REPORT

EXECUTIVE SUMMARY

This Annual Report has been prepared to satisfy the requirements of the Trust Indenture dated April 1, 2011, from the North Huntingdon Township Municipal Authority (NHTMA) securing the Variable Rate Demand Revenue Bonds, Series 2011, which sets forth the duties that are imposed on the Consulting Engineer.

In the opinion of KLH Engineers, Inc., each of the items contained in the budget are reasonable and appropriate and that the Authority is managed and operated properly and that the physical facilities are well maintained.

The Authority's current total monthly billing rate is \$52.30, which includes a flat rate of \$40.15 and a Capital Infrastructure Repair (CIR) surcharge of \$12.15 per month.

Having reviewed the Authority's current budget and the projected budget for Fiscal Year 2017, it is recommended that the monthly flat rate be increased \$2.50 to offset a rate increase imposed by the Western Westmoreland Municipal Authority (WWMA). No increase is recommended to the CIR surcharge. Furthermore, it is recommended that the Authority's Sewer Tap-In Fee be increased from \$3,775 to \$3,950.

The Authority will need to continue to monitor the implementation schedule of the capital requirements/improvements listed in its Five Year Capital Plan and the actual costs incurred versus the project estimates. The Authority will need to evaluate the sewer use charges annually to ensure adequate revenue is available to fund the capital requirements/improvements and still meet the coverage requirements of the 2011 Bond Issue.

KLH Engineers, Inc. recommends that the Authority adopt the Budget for Fiscal Year 2016.

Respectfully submitted,

KLH ENGINEERS, INC.

David A. Coldren, P.E.

INTRODUCTION

GENERAL

This Annual Report has been prepared to satisfy the requirements of the Trust Indenture dated April 1, 2011 from the North Huntingdon Township Municipal Authority (NHTMA) securing the Variable Rate Demand Revenue Bonds, Series 2011. The Trust Indenture requires the Consulting Engineer to file a report setting forth the following:

1. His advice and recommendations as to:
 - a. The current expenses of the Authority with respect to the Sewer System during the next fiscal year of the Authority. The fiscal year begins May 1, and ends April 30 and,
 - b. The Capital Additions that should be made during said fiscal year to keep the Sewer System in good condition, repair and working order; and
 - c. Any necessary or advisable revision of the sewer rates and other charges;
2. His estimate for the fiscal year of the amounts of money that should be expended to comply with the recommendations set forth in the report; and
3. His estimates of the Receipts and Revenues to be derived during the fiscal year from the operation of the System.
4. His report as to compliance by the Authority with its covenants concerning insurance and his advice and recommendations as to the Authority's future obligations thereunder.

Pursuant to the Trust Indenture, the Authority is required to prepare and adopt the budget on or before May 30, 2016. A copy of the budget is to be filed with the Trustee and Bond Insurer.

REVIEW OF PHYSICAL CONDITION OF THE SEWERAGE SYSTEM

In Fiscal Year 2016, the sewer system of the North Huntingdon Township Municipal Authority provided public sewerage service to the following areas within the Township:

- Youghiogheny Drainage Area
- Portion of the Brush Creek Drainage Area
- Portion of the Allegheny County Sanitary Authority (ALCOSAN)

NHTMA's customers are primarily residential, with commercial retail, offices and restaurants along the main highway transportation routes. The sewerage system presently includes one (1) sewage treatment plant and twelve (12) pump stations within the Youghiogheny Drainage Area, one (1) pump station within the Brush Creek Drainage Area, and approximately 255 miles of collector and interceptor sewers.

DESCRIPTIONS OF THE SEWERAGE SYSTEMS

Youghiogheny Drainage Basin

The Youghiogheny Wastewater Treatment Plant (WWTP) operates under NPDES Permit No. PA0027243, issued by the Pennsylvania Department of Environmental Protection (DEP) in the name of the Authority. The WWTP has a permitted average daily flow of 3.313 MGD and a maximum daily flow of 8.28 MGD. This plant is located along Turner Valley Road and discharges into the Youghiogheny River.

The tributary sewer system to the Youghiogheny WWTP includes twelve (12) pump stations identified as follows:

- Woodside Drive – 0.259 MGD
- Hartford Heights – 0.403 MGD
- Highland Terrace – 0.864 MGD
- Stewartsville – 2.22 MGD
- Long Run – 3.456 MGD
- Thomas Drive – 0.288 MGD
- Ardara Road – 0.115 MGD
- Masters Lane – 0.065 MGD
- Indian Lake – 1.116 MGD
- Falcon Ridge – 0.186 MGD
- Mountain Ridge Estates – 0.115 MGD
- Process Lift Station – 1.620 MGD

Figures 1 and 2 are respectively the past five and projected five year hydraulic and organic loads to the Youghiogheny WWTP. These figures were taken from the Municipal Wasteload Management Report submitted to the DEP for the Operating Year 2015. The projections in Figures 1 and 2 show that the Youghiogheny WWTP will not be hydraulically or organically overloaded within the next five years.

Brush Creek Drainage Basin

The portion of the Brush Creek Drainage Basin owned and operated by NHTMA consists of collector and interceptor sewers and one (1) pump station, the 0.259 MGD Larimer Pump Station. The sewage in this portion of the system is conveyed to the Western Westmoreland Municipal Authority's (WWMA) Brush Creek WWTP and the ALCOSAN WWTP.

The WWMA provides wastewater treatment service to approximately one-half of the Authority's customers at its Brush Creek WWTP. WWMA is currently operating under a Corrective Action Plan (CAP), a Tap Allocation Plan, and a Consent Order and Agreement (CO&A) with the Pennsylvania DEP. The purpose of these plans and agreements is to allow for the establishment of both present day and future peak wet weather flows within the Brush Creek Drainage Basin, to develop alternatives to collect and treat these wet weather flows, and to ultimately construct the recommended wet weather facilities. The following is a schedule of the major tasks and projected completion dates.

Task	Date Due	Status
Alternative Design and Part II Permit Submission	November 2014	Complete
Bidding of Phase I Facilities (Pump Station & Storage)	June 2015	Complete
Start Construction of Phase I Facilities (Storage)	March 2016	Ongoing
Complete Construction of Phase I Facilities	September 2018	Ongoing
Bidding/Construction of Phase II/III Facilities (Interceptors)	February 2017	-

The NHTMA will be impacted by the CO&A both in terms of the technical requirements to evaluate and manage the wet weather flows of its system and by the associated costs. The total construction contract value of the Phase I facilities is \$26,072,714. The Phase I project is being financed through a combination of a PennVest Loan and Sewer Revenue Bonds. At present, WWMA has estimated the cost of the Phase II and III facilities to be \$26.4 million. The project includes interceptor upgrades to allow for the conveyance of flows projected through the year 2035, and the construction of wet weather storage sized for year 2025 growth. Work associated with the CO&A will result in future rate increases.

ALCOSAN Drainage Basin

In 2004, NHTMA, along with 80 other communities, entered into a CO&A with the Pennsylvania DEP and Allegheny County. Pursuant to the CO&A, NHTMA agreed to review and make corrections to the portion of the NHTMA collection and conveyance system discharging to ALCOSAN. The advent of this CO&A was part of a negotiated settlement relating to the identification and handling of wet weather flows. Under the CO&A, NHTMA has completed such tasks as surveying, visually inspecting, televising and dye testing its sewer system. In June 2009, the Authority contracted with Robinson Pipe Cleaning to install three (3) manhole-to-manhole "Cured-in-Place" liners and to install approximately 765 feet of spot liner. On March 30, 2015, the obligations of the CO&A were terminated.

On January 23, 2008, the U.S. District Court of the Western District of Pennsylvania entered a Consent Decree between ALCOSAN and the United States, and the Pennsylvania DEP and the Allegheny County Health Department, requiring that ALCOSAN submit a Wet Weather Plan that provides for the compliance with the CSO Control Policy and the elimination of SSOs within its sewer system. In 2013, ALCOSAN submitted a draft Wet Weather Plan to the Regulatory Agencies. ALCOSAN has since reported that it cannot affordably convey, store and treat all the flows from its customer municipalities as envisioned in the Wet Weather Plan. Hence, in late 2015, a new CO&A was entered into, of which NHTMA is a part. The purpose of the CO&A is to address the continued reductions of flows entering the ALCOSAN system.

Figure 1

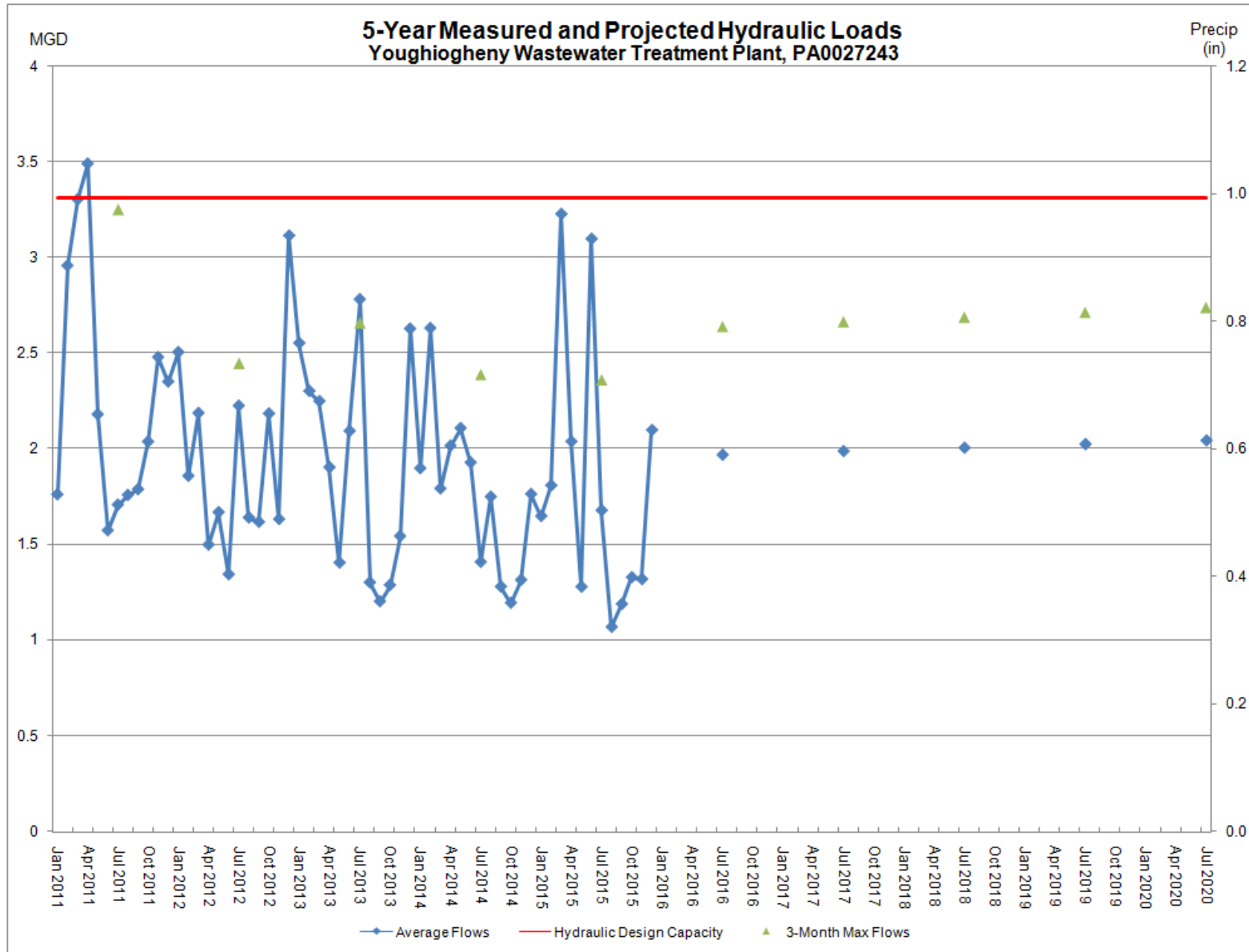
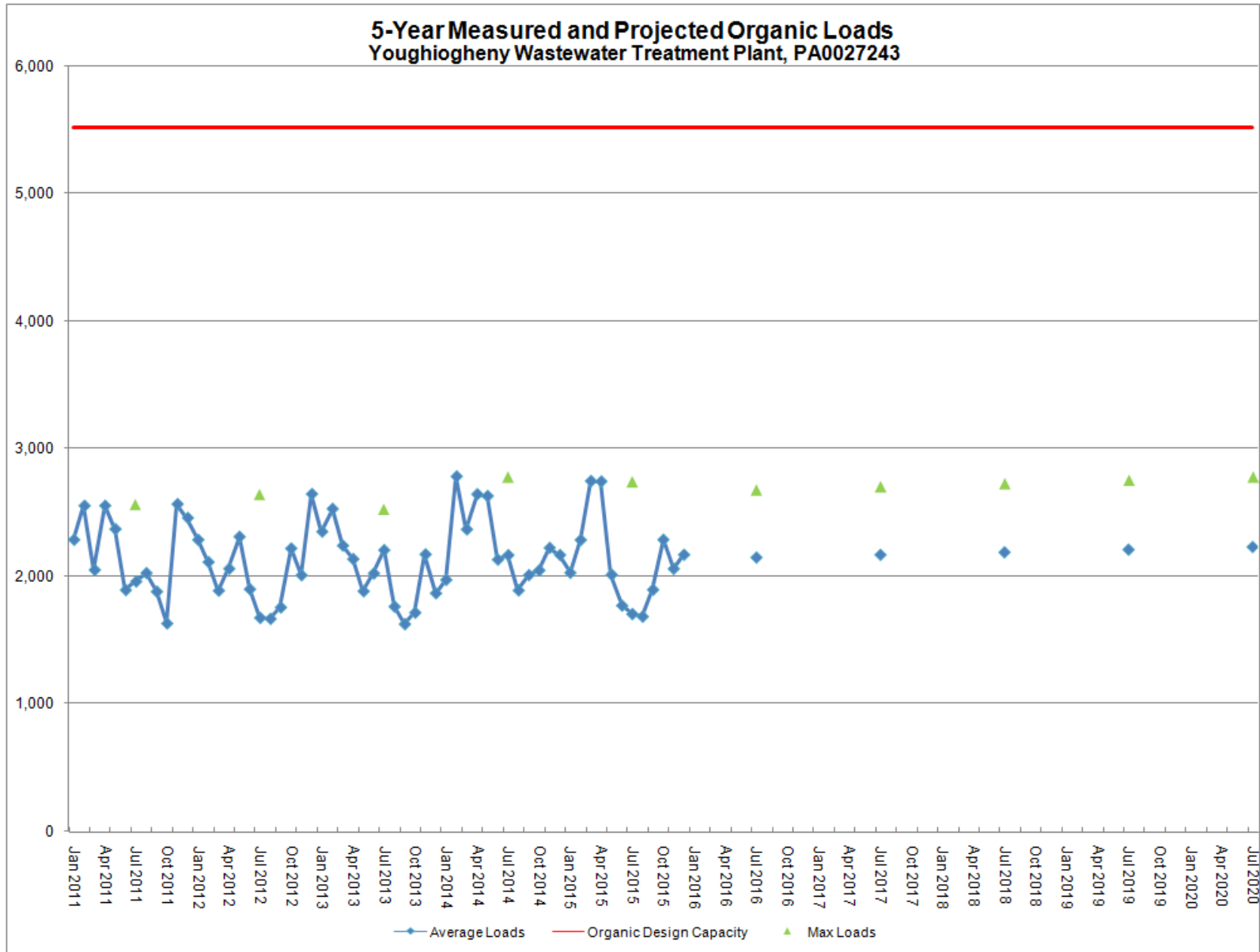


Figure 2



EXISTING AND PROJECTED SEWER CUSTOMERS

The Authority currently has approximately 12,000 residential and commercial customers accounting for 13,063 Equivalent Dwelling Units (EDUs). A total of 78 sewer permits were issued by the Authority in calendar year 2015 (40 in the Youghiogheny Drainage Area, 37 in the Brush Creek Drainage Area, and 1 in the ALCOSAN Drainage Area).

Table 1 shows the total number of housing developments that have been approved, but not constructed and the projected number of EDUs that may connect into the Authority's system in Fiscal Year 2017. The developments that have pre-paid the Authority's tapping fees are also marked, along with the billing cycle that the developments may connect into the system.

**TABLE 1
SUMMARY OF POTENTIAL CUSTOMERS**

Name	Vacant Lots as of 12/31/15	Drainage Basin	Year Connecting into System					Prepaid Tap Fees (Yes/No)
			2016	2017	2018	2019	2020	
Atwood (Stella De Oro)	5	Y	1	1	1	1	1	N
Atwood Extension	2	Y	1	1				N
Bella Mia	5	Y	1	1	1	1	1	N
Belmont Ridge	34	BC	1	6	6	6	6	N
Brook Haven	51	BC	10	10	10	10	10	N
Cedar Glenn	6	BC	1	1	1	1	1	N
Dartmoor, Phase 3	32	Y	15	15	2			N
Grandview Commons	14	Alcosan	5	4	4			Y
Hampton Heights, 1 & 2	3	BC	3					Y
Hampton Heights, 3 & 4	22	BC	7	7	8			Y
Huntingdon Marketplace	20	BC	15	5				N
Kingsbury	3	BC	3					Y
Legends, Phase 3	18	BC	4	4	4	4	2	Y
McConnell Plan	10	BC	7	3				N
Mt. Ridge Estates	21	Y	5	3	5	5	3	N
Oak Hollow, Phase 1	72	BC	5	5	5	5	5	Y
Oakton Manor	8	BC	2	2	2	2		Y
Redstone Colonial Estates	32	Y	5	5	5	5	5	N
St. George Estates	14	Y	2	2	2	2	2	Y
Tuscan Hills Phase 1	33	Y	6	9	6	6	6	N
Tuscan Hills Phase 2	46	Y			17	27	2	N
Tuscan Hills Phase 3	30	Y					28	N
Villa De Bona Vita	2	Y	1	1				Y
Villas of Buena Vista	27	BC	10	10	7			N
Walthour	7	BC	3	3	1			Y
Willow Estates, Phase 1	27	Y	7	5	7	4	4	N
Willow Estates, Phase 2	12	Y	2	2	2	2	4	N
Willow Estates, Phase 3	18	Y	7	11				N
Willow Estates, Phase 4	28	Y	4	4	4	4	4	N

**TABLE 1 (CONTINUED)
SUMMARY OF POTENTIAL CUSTOMERS**

Name	Vacant Lots as of 12/31/15	Drainage Basin	Year Connecting into System					Prepaid Tap Fees (Yes/No)
			2016	2017	2018	2019	2020	
Willow Glenn, Phase 1	14	Y	1	1	1	4	3	N
Woodridge, Phase 1	4	Y	1	1	1	1	0	Y
Woodridge, Phase 2	26	Y	5	5	5	5	5	N
Miscellaneous:								
	15	Y	3	3	3	3	3	N
	25	BC	5	5	5	5	5	N
Total			148	135	115	103	101	602
Prepaid			35	28	27	14	10	114
To Be Paid			113	107	88	89	91	488

Y – Youghiogheny Drainage Area
BC – Brush Creek Drainage Area

MAINTENANCE, REPAIR AND OPERATION OF THE SYSTEM

The sewerage system is owned and operated by the North Huntingdon Township Municipal Authority. The Authority's administrative staff consists of a General Manager, a Finance Director, and four (4) full time clerical staff. The system's staff consists of a System Superintendent, an Assistant System Superintendent, a Working Foreman, all three of which are certified operators, fifteen (15) system workers, and one (1) clerical. The Authority employs a total of nine (9) Pennsylvania Certified Treatment Plant Operators between management, plant operations and sewer maintenance departments. The performance of the skilled operating personnel is reflected in the continuous compliance with the NPDES Permit requirements. The system is maintained in good repair and working condition.

The Rules and Regulations Governing Water and Wastewater Operator Certification requires that all workers making process decisions at a treatment plant must have obtained the appropriate Board certification for that water or wastewater system. Authority employees on the system staff, that are currently not plant certified operators, do not make process control decisions.

NHTMA system personnel, in addition to their routine duties, identify and eliminate sources of inflow and infiltration that currently enter the existing sewer system. These extraneous flows reduce the hydraulic capacity of the transportation and treatment systems.

CAPITAL EXPENDITURES

Many capital additions to the sewerage system continue to be made by private parties developing land. These capital additions primarily consist of sanitary sewer mains. NHTMA also continues to construct capital improvement projects. Tables summarizing the planned capital improvements projects for the next five years are attached in Appendix 1, in the Five Year Plan. A table summarizing projected revenues and capital requirements through Fiscal Year 2021 is also included. The Five Year Plan is presented as a planning tool. There is no certainty that the projects will be initiated. Prior to initiating any project, a more detailed analysis of the scope of work and costs should be developed.

Many of the projects previously proposed for Fiscal Year 2016 have been completed or are in the process of being completed. Those projects completed include the first and second phase of the Penn's Woods sanitary sewer replacement, the sixth phase of the replacement of sanitary sewer laterals, and the relocation of the electrical panels at the Authority's five below grade pump stations. Those projects currently in progress or under contract include the third phase of the Penn's Woods sanitary sewer replacement, digester piping upgrades, enhancements to the Authority's SCADA system, and the replacement of the Hartford Heights Pump Station force main. Additional projects scheduled for Fiscal Year 2017 include the seventh phase of the replacement of sanitary sewer laterals and the interior coating of the Authority's five below grade pump stations. The Five Year Capital Plan has been updated accordingly.

REVIEW OF FINANCIAL CONDITION

OUTSTANDING FINANCING

The Authority currently has one outstanding PennVest Loan, obtained on April 10, 2002, and a Series of 2011 Variable Rate Demand Bonds. The Series of 2011 Bonds, in the principal amount of \$9,525,000, were issued to refund the outstanding Guaranteed Sewer Revenue Bonds, Series of 2001. The amortization schedules of the Pennvest loan and 2011 Bond Issue debt service schedule are attached in Appendix 2.

Some of the conditions of the 2002 Pennvest loan agreement are as follows:

- Beginning the first full fiscal year after completion of the project, and in each fiscal year thereafter, the Borrower shall fix, charge and collect rates, fees and charges for services provided in connection with the operation of the system which, together with other available funds, shall be sufficient to provide Net Revenues at least equal to:
 - Principal and interest due and payable hereunder on all loans senior hereto including the Indenture;
 - Payment of all amounts due under any other indebtedness owed by the Borrower and coming due in such fiscal year; and
 - Payment by the Borrower in such fiscal year of Operating Expenses.
- The Borrower agrees that during the term of this loan it will comply with the Continuing Education requirement contained in the Pennsylvania Infrastructure Investment Authority Act.

The Authority also obtained a Loan and Security Agreement with PNC Bank on February 15, 2006 in the amount of \$1,500,000. The Revenue Obligation Note, Series of 2006, was utilized to finance the construction of the Youghioghney WWTP Operations Office/Maintenance Garage. Terms of the loan include an interest rate of three and nine hundredths (3.9%) percent per annum. Payments including principle and interest are to be paid in one hundred and eighty (180) equal consecutive monthly installments of approximately \$11,020. Payments commenced on March 15, 2006 and will terminate with payment on February 15, 2021. The balance of the loan as of April 30, 2015 is \$581,511.43.

STATUS OF FUNDS

The following is the status of funds as reported by the Authority as of April 30, 2016.

**TABLE 2
BALANCE OF FUNDS**

Funds held by the Authority:

<i>S&T Bank</i>	
Revenue Fund	\$ 197,090.28
Operating Account	\$ 12,617.32
Payroll Account	\$ 4,316.96
Penns Woods Account	\$ 5,000.18
Developer Escrow	\$ 4,908.32
PNC Premium Money Market	\$ 109,700.67
PLGIT Revenue Funds	\$ 503,529.43
PSDALF Revenue Fund	<u>\$ 184,652.24</u>
Total Funds	\$ 1,021,815.40

Funds held by the Trustee:

2011 Debt Service Fund	\$ 191,868.16
2011 Capital Reserve	\$ 2,650,962.93
Insured SWAP Payment Fund (M&T)	\$ 4.90
2011 Clearing Fund	<u>\$ 0.00</u>
Total Funds	\$ 2,842,831.09

ESTIMATED 2017 OPERATING REVENUE, EXPENSES & CAPITAL EXPENDITURES

Table 3 is a summary of the Authority's finances; Figures 3, 4 and 5 graphically indicate the revenues and expenditures. Appendix 3 includes tables that present a breakdown of the estimated revenue and expenses for the entire sewerage system as prepared by the General Manager and Finance Director, and reviewed by the Engineer; it also provides historical comparisons.

REVENUE AND EXPENSES

Below is a summary of financial operations and the proposed FY 2017 Budget:

**TABLE 3
SUMMARY OF AUTHORITY FINANCES**

	FY 2016 Budget	Projected Total FY 2016	FY 2017 Budget
Revenues			
Sewer Rental Revenue	\$6,448,987	\$6,463,568	\$6,873,078
Cap. Infra. Repair Surcharge	2,045,607	2,089,386	2,055,835
Yearly Payment Discounts	(15,591)	(15,577)	(15,591)
Penalty Income	71,075	62,835	71,075
Tap-In Fees	377,500	123,235	392,025
Interest Income	2,413	10,797	5,913
Miscellaneous Revenue	210,666	324,870	210,666
Total Revenues	9,140,657	9,059,114	9,593,001
Expenses			
Administrative	819,067	722,722	840,966
Board of Directors	10,110	7,356	10,245
System-General	3,986,255	3,646,705	4,330,153
Yough Plant	205,800	200,182	208,650
Pump Stations	184,310	121,471	200,740
TV Truck/Lateral TV Insp.	20,000	9,257	20,000
Jet/Vacuum Truck	5,400	2,457	5,400
Flow Monitoring Equipment	1,750	0	1,750
Total Expenses	\$5,232,692	\$4,710,150	\$5,617,905
Net Revenues	\$3,907,965	\$4,348,964	\$3,975,096
2011 Bond Issue Interest	299,693	297,764	299,693
2011 Bond Issue Principal	1,085,000	1,085,000	1,140,000
Bond Remarketing/Liquidity Fee	55,670	42,431	64,970
2003 Pennvest Interest	61,674	61,674	54,423
2003 Pennvest Principal	220,682	220,682	227,932
2006 Garage Loan Interest	24,956	24,956	20,696
2006 Garage Loan Principal	107,287	107,287	111,547
Debt Service	\$1,854,962	\$1,839,794	\$1,919,261
Surplus*	\$2,053,003*	\$2,509,170*	\$2,055,835*

* Utilized to fund Capital Improvements Projects

The projected revenues in the amount of \$9,593,001 are adequate to meet the expenses and total debt service for Fiscal Year 2017.

Coverage Test – According to the 2011 Trust Indenture:

Calculated Coverage for the current year’s bond debt requirement for Fiscal Year 2017:

Net Revenues / Debt Service $\$3,975,096 / \$1,919,261 = 207\%$

Required Coverage 110%

In reference to Table 3, the Authority’s projected expenditures for Fiscal Year 2017, including both operating expenses and debt service, total \$7,537,166. These projected expenditures take into account a \$2.50 monthly sewage rate increase imposed by WWMA effective January 1, 2016 and a future rate increase of \$2.50 effective October 1, 2016. The Authority’s projected revenues for Fiscal Year 2017 total \$9,593,001 (\$7,537,166 generated through monthly sewer rentals and miscellaneous revenues and \$2,055,835 generated from the Authority’s CIR Surcharge. These projected revenues include a proposed \$2.50 monthly flat rate increase to offset the rate increase imposed by WWMA.

Considering the above, the Authority’s projected revenues are adequate to meet the debt service coverage requirement of the 2011 Trust Indenture.

Figure 3

Projected Fiscal Year 2017 Revenues

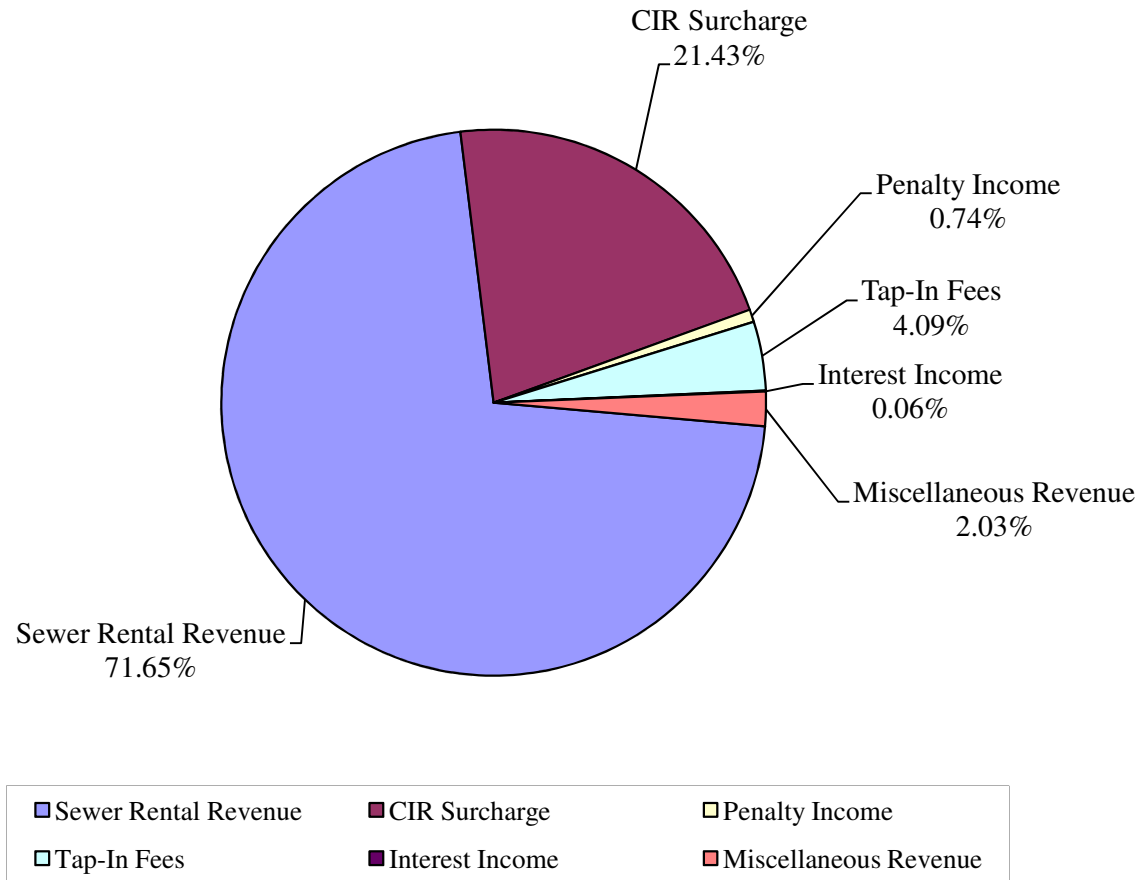


Figure 4

Projected Fiscal Year 2017 Expenditures

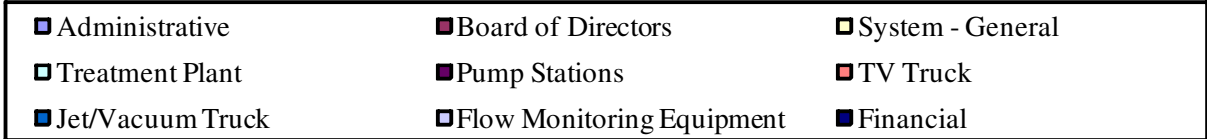
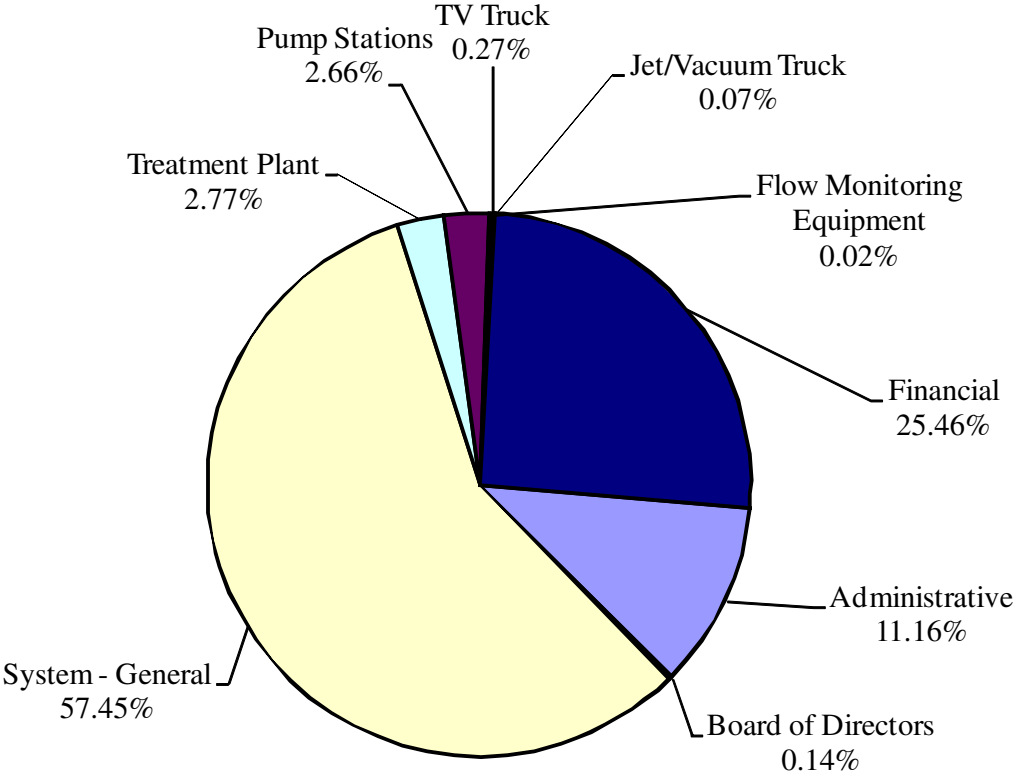
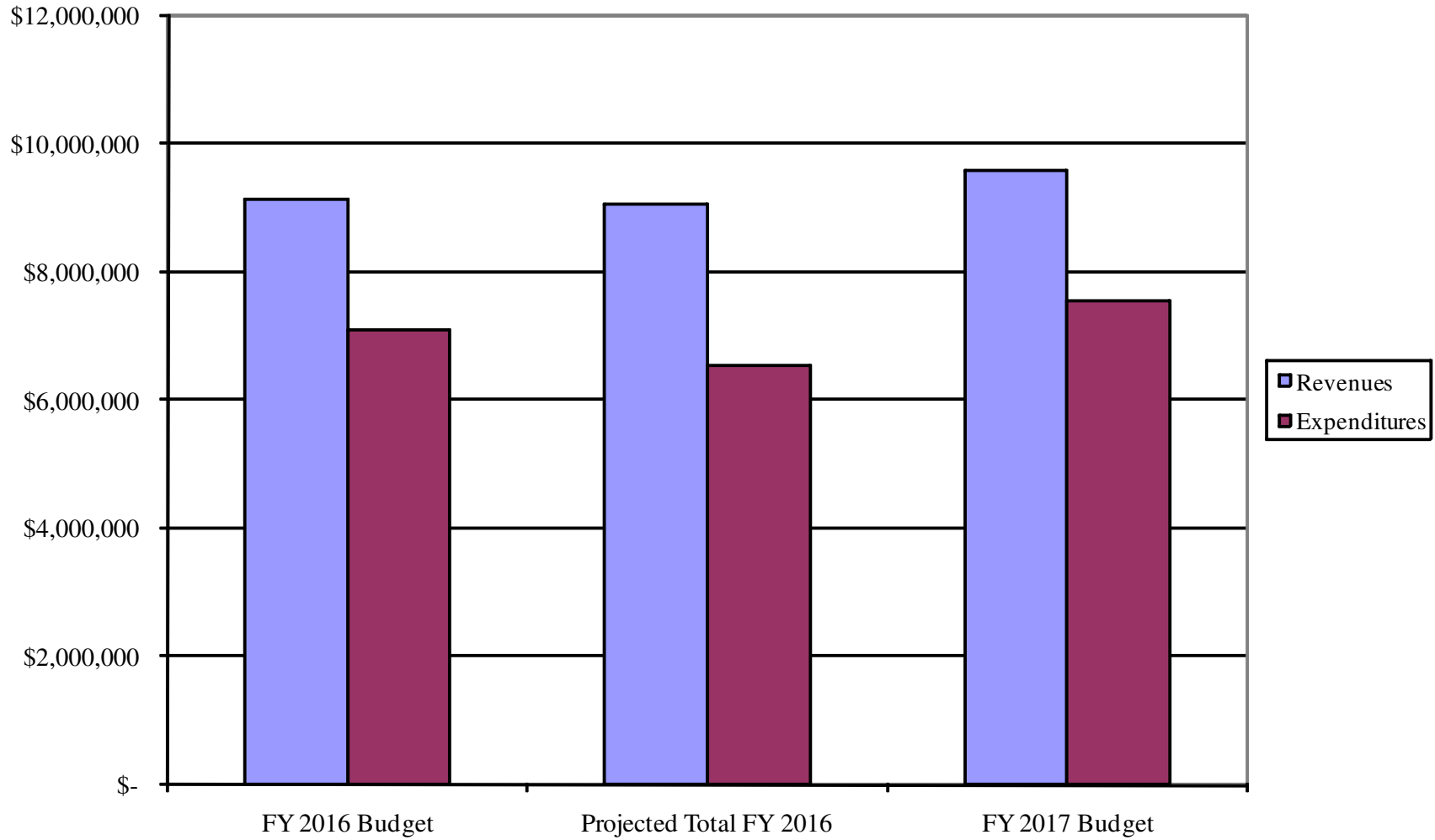


Figure 5

Summary of Operations



SEWER USE CHARGES

The following is a list of the Authority's current schedule of charges:

- Sewer Tap-In Fee = \$3,775 (An additional Capacity Fee of \$1,500 is assessed by WWMA to those new customers connecting into the Brush Creek System.)
- Total Monthly Rate = \$52.30
 - Flat Rate Billing = \$40.15 per month
 - Capital Infrastructure Repair Surcharge = \$12.15 per month

Effective January 1, 2016, the WWMA raised its monthly sewer usage rate by \$2.50, from \$25.35 to \$27.85 per EDU. A second rate increase of \$2.50 has also been approved and will go into effect on October 1, 2016. The purpose of these two rate increases is for the financing of the WWMA Phase I project.

After reviewing the Authority's current budget and the projected budget for Fiscal Year 2017, it is recommended that the monthly flat rate be increased \$2.50 to offset the rate increase imposed by WWMA. No increase is recommended to the CIR surcharge. Finally, it is recommended that the Authority's Sewer Tap-In Fee be increased from \$3,775 to \$3,950.

The capital requirements contained in the budget are based on estimates and are proposed to be implemented on an aggressive schedule. The Authority will need to continue to monitor the implementation schedule of the capital requirements and the actual costs incurred versus the project estimates. The Authority will need to evaluate the sewer use charges annually to ensure adequate revenue is available to fund the capital requirements and still meet the coverage requirements of the 2011 Trust Indenture.

INSURANCE

The Trust Indenture requires the Authority to be insured against loss or damage by fire or other hazards to the extent that such properties are usually insured by persons operating properties of similar nature in the same or similar localities and to the extent that the Consulting Engineer shall deem adequate. The Authority will maintain public liability and property damage insurance in such amounts, containing such terms and provisions, and issued by such companies as shall be satisfactory to the Consulting Engineer.

The Authority engages the services of an industrial appraiser annually to assign proper values to the properties to be insured. We recommend that the Authority continue to retain the services of an industrial appraisal firm to evaluate the Authority's property and update the Replaceable Insurable Value periodically. The Authority had the entire sewerage system appraised in 2015 by Accountable Assets, Inc. It is recommended that the appraisals be updated on a five-year basis.

The Authority's insurance policy is maintained at the Authority office.

CONCLUSIONS AND RECOMMENDATIONS

The sewerage system is operating well and improvements will continue to be made in both its operation and physical condition during Fiscal Year 2017. As the sewerage system ages, increased effort and expense is necessary to maintain and repair the system. Improvements are also anticipated to be required based on the evolving conditions of the Consent Order and Agreement between the Authority and DEP (ALCOSAN) and as a result of the WWMA CO&A. In the coming years, the Authority may need to reduce the amount of flow entering the Brush Creek WWTP from their portion of the system.

In conclusion, having reviewed the Authority's current budget and the projected budget for Fiscal Year 2017, it is recommended that the monthly flat rate be increased \$2.50 to offset the rate increase imposed by WWMA. No increase is recommended to the CIR surcharge. Finally, it is recommended that the Authority's Sewer Tap-In Fee be increased from \$3,775 to \$3,950.

ACKNOWLEDGEMENTS

The members of the North Huntingdon Township Municipal Authority Board of Directors, as of April 2016, and the expiration dates of their current terms are:

Timothy J. Hondal, Chairman	12-31-19
Jeffrey A. Fisher, Vice-Chairman	12-31-18
Todd M. Fry, Treasurer	12-31-17
William H. Miller, Secretary	12-31-16
Thomas Hempel, Assistant Secretary/Treasurer	12-31-20

APPENDIX 1

UPDATED FIVE YEAR CAPITAL PLAN AND REVENUE PROJECTIONS

**NORTH HUNTINGDON TOWNSHIP MUNICIPAL AUTHORITY
 FIVE YEAR CAPITAL PLAN (UPDATED May 5, 2016)
 TABLE FY-I - WASTEWATER TREATMENT
 SUMMARY OF REQUIRED CAPITAL PER FISCAL YEAR**

Proposed Project	Total FY 2016 Cost Estimate	2016	2017	2018	2019	2020	2021
Weather Station	\$ 1,300		\$ 1,339				
Lights for Pole Building	\$ 13,500	\$ 396	\$ 13,497				
Yough Tanks Concrete Restoration	\$ 30,000		\$ 30,900				
Automated External Defibrillators (AEDs)	\$ 4,500	\$ 3,078					
Sec. Clarifier Chain/Trick. Filter Bearing Repl.	\$ 21,252	\$ 13,100					
Lower Pump Station Pump	\$ 16,391		\$ 16,883				
Lower Pump Station Capacity Analysis	\$ 13,000	\$ 11,140					
Lower PS Modifications/Grit Removal System	\$ 1,390,500		\$ 350,000	\$ 600,000	\$ 480,145		
Replace Trickling Filter Media	\$ 103,000			\$ 109,180			
AUMA Actuators for Sludge Valves	\$ 4,164		\$ 4,289				
Fixed Point Gas Monitor (2)	\$ 12,360	\$ 10,765					
Digester No.2 Piping Upgrade	\$ 41,200	\$ 29,875					
Digester No.1 Piping Upgrade	\$ 41,200		\$ 42,436				
Sludge Dewatering Facilities Upgrade	\$ 412,000					\$ 461,440	
Yough Office Equipment/Computers	\$ 47,000	\$ 6,771	\$ 6,753	\$ 6,956			
pH Meter	\$ 2,000		\$ 2,060				
Zero Turn Mower for Plant	\$ 15,450	\$ 9,090					
Replace Truck #3 with 1/2 Ton Truck	\$ 30,900			\$ 32,782			
4-inch Trash Pump for Plant	\$ 25,000		\$ 25,750				
2-foot Cleanout Bucket for Excavator	\$ 3,090	\$ 1,820					
Asphalt Tamper	\$ 5,000		\$ 5,150				
Stream Rehabilitation (Turner Valley)	\$ 3,487	\$ 3,487					
SCADA Enhancements	\$ 109,273	\$ 20,000	\$ 91,951				
DEP NPDES Permit Upgrades	\$ 1,000,000				\$ 109,000	\$ 448,000	\$ 575,000
Yough Meeting Room A/V Equipment	\$ 26,523	\$ 11,321					
TV Sewer Lateral Inspection Equipment	\$ 50,532	\$ 12,740	\$ 10,927	\$ 11,255			
Replace Rodding Machine w/ Tow Behind Jet	\$ 75,000		\$ 77,250				
Replace TV Truck	\$ 273,182				\$ 298,513		
Hahn.-Wendel/Twp Act 537 Reimbursement	\$ (133,000)		\$ (133,000)				
General Fund Items	\$ 47,684	\$ 2,684	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000
Equipment Replacement Allowance	\$ 300,000	\$ 150,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000
Total Project Cost Per Year		\$ 286,267	\$ 611,185	\$ 825,173	\$ 952,658	\$ 974,440	\$ 640,000
Total Project Cost Per Year (Rounded)		\$ 287,000	\$ 612,000	\$ 826,000	\$ 953,000	\$ 975,000	\$ 640,000
Total Project Cost 2016 Dollars	\$ 3,985,488						
Total Dollars Spent Over 6 Years	\$ 4,293,000						

* 3% Added each year to account for inflation

Completed Current Project Bid Phase Revised New Project

**NORTH HUNTINGDON TOWNSHIP MUNICIPAL AUTHORITY
 FIVE YEAR CAPITAL PLAN (UPDATED May 5, 2016)
 TABLE FY-II - WASTEWATER CONVEYANCE SYSTEM
 SUMMARY OF REQUIRED CAPITAL PER FISCAL YEAR**

Proposed Project	Total FY 2016 Cost Estimate	2016	2017	2018	2019	2020	2021
General I/I Program							
Penn's Woods Sewer Replacement Phase 1	\$ 458,240	\$ 810,340					
Penn's Woods Sewer Replacement Phase 2	\$ 1,076,000	\$ 1,336,256					
Penn's Woods Sewer Replacement Phase 3	\$ 1,236,000	\$ 83,358	\$ 860,000				
Hartford Heights Force Main	\$ 200,000	\$ 23,362	\$ 135,000				
MarkVue Manor Sewer Replacement 1	\$ 1,073,080		\$ 103,000	\$ 1,031,465			
MarkVue Manor Sewer Replacement 2	\$ 1,073,080			\$ 106,000	\$ 1,060,657		
Guffey Interceptor / Park Meadows	\$ 2,400,000				\$ 106,000	\$ 1,120,000	\$ 1,495,000
Brush Creek - Lower Tinkers Run Interceptor**	\$ 1,200,000						\$ 57,500
Brush Creek - Larimer Interceptor**	\$ 1,150,000						\$ 57,500
Purchase of Ardara-Cavittsville Interceptor	\$ 220,000		\$ 220,000				
Manhole Safety Equipment	\$ 20,600	\$ 1,455					
Indian Lake Force Main Manhole Rehab	\$ 17,805	\$ 21,515					
Pump Stations (All)							
Roof Replacements	\$ 30,900	\$ 10,500					
SCADA Enhancements	\$ 100,000		\$ 103,000				
Pump Stations (Smith & Loveless; below grade; typ. of 5)							
Relocation of Electrical Panels	\$ 45,000	\$ 55,947					
Interior Coating of Pump Stations	\$ 49,172		\$ 50,647				
Woodside/Hartford Heights Pump Stations							
Replace Pump	\$ 24,586	\$ 806	\$ 25,324				
Thomas Street/Larimer Pump Stations							
Replace Pump	\$ 24,586		\$ 25,324				
Indian Lake/Stewartsville Pump Stations							
Groundwater Pump at Indian Lake	\$ 1,284	\$ 1,284					
Stewartsville Pump	\$ 1,400	\$ 1,400					
Long Run Pump Station							
Mechanical Bar Screen	\$ 163,909			\$ 173,744			
Replace Raw Sewage Pumps	\$ 112,561			\$ 29,828	\$ 30,673	\$ 31,517	\$ 32,361
Ardara/Masters Pump Stations							
Replace Grinder Pumps	\$ 50,000		\$ 25,750			\$ 28,000	
Falcon Ridge Pump Station							
Replace Grinder Pumps	\$ 46,360		\$ 23,860			\$ 26,072	
Administration							
Equipment, Furniture and Fixtures	\$ 125,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000
Total Project Cost Per Year		\$ 2,371,223	\$ 1,596,905	\$ 1,366,037	\$ 1,222,330	\$ 1,230,589	\$ 1,667,361
Total Project Cost Per Year (Rounded)		\$ 2,372,000	\$ 1,597,000	\$ 1,367,000	\$ 1,223,000	\$ 1,231,000	\$ 1,668,000
Total Project Cost 2016 Dollars	\$ 10,899,563						
Total Dollars Spent Over 6 Years	\$ 9,458,000						

* 3% Added each year to account for inflation

** Preliminary design only

Completed Current Project Bid Phase Revised New Project

NORTH HUNTINGDON TOWNSHIP MUNICIPAL AUTHORITY
FIVE YEAR CAPITAL PLAN (UPDATED May 5, 2016)
TABLE D - PROJECTED REVENUE AND CAPITAL REQUIREMENTS
FISCAL YEARS 2017 Thru 2021
(\$2.50 per EDU Operating Increase)

	YEAR				
	2017	2018	2019	2020	2021
Operating Expenses	5,617,905	5,786,442	5,960,035	6,138,836	6,323,002
Existing Bond Issue Debt Service Expenses	1,439,693	1,381,068	1,381,068	1,381,068	1,381,068
Swaption Letter of Credit Expense ¹	64,970	45,378	36,305	26,878	16,964
2003 PennVest Loan ²	282,355	282,355	282,355	282,355	282,355
Office/Garage Loan ²	132,243	132,244	132,244	132,244	132,244
TOTAL REVENUE REQUIREMENTS	7,537,166	7,627,487	7,792,007	7,961,381	8,135,633
Operating Revenue	6,873,078	6,914,316	6,955,802	6,997,537	7,039,522
Operating Revenue - Tap-ins and Saddles ³	392,025	276,500	276,500	276,500	276,500
Operating Revenue-Other Sources ⁴	272,063	234,085	235,490	236,903	238,324
Operating Revenue - From CIR Surcharge	2,055,835	2,068,984	2,082,134	2,095,283	2,108,433
Operating Revenue - CIR Transfer Out	(2,055,835)	(2,068,984)	(2,082,134)	(2,095,283)	(2,108,433)
TOTAL REVENUE AVAILABLE	7,537,166	7,424,902	7,467,792	7,510,940	7,554,347
REVENUE RESIDUAL(DEFICIT)(RRD)	0	(202,585)	(324,215)	(450,441)	(581,286)
RRD AS % OF TOTAL REVENUE	0.00%	-2.73%	-4.34%	-6.00%	-7.69%
BEGINNING CAPITAL BALANCE⁵	2,650,963	2,498,709	2,173,898	1,756,829	1,196,642
Capital Project Revenue Sources					
CIR Surcharge Revenue Generated	2,055,835	2,068,984	2,082,134	2,095,283	2,108,433
Revenue Residual(Deficit)	0	(202,585)	(324,215)	(450,441)	(581,286)
Subtotal Capital Project Revenue	2,055,835	1,866,399	1,757,919	1,644,842	1,527,147
TOTAL FUNDS AVAILABLE	4,706,798	4,365,108	3,931,817	3,401,670	2,723,788
CAPITAL PROJECT EXPENDITURES	2,208,089	2,191,210	2,174,988	2,205,029	2,307,361
ENDING CAPITAL BALANCE	2,498,709	2,173,898	1,756,829	1,196,642	416,427

INDICES	
Expense Annual % Increase	3.00%
Revenue Annual % Increase	0.60%
Proposed Operating Rev. Increase	\$0.00
Proposed Capital Surcharge (\$) Increase	\$0.00
Estimated Customers (EDUs) in 2017	13,071
Interest Earnings(%)	0.00%

¹ Includes annual bond remarketing and bond liquidity fee expenses. Bond paid off 2020.

² Line item includes principal payment plus interest. PennVest paid off 5/1/23. Garage paid off 2/15/2021.

³ Based on Tap-in projection of 100 EDUs in 2017; 70 EDUS in 2018 - 2021.

⁴ Includes Penalty Income, Interest Income, and Miscellaneous Revenue less Yearly Payment Discounts & unappropriated Revenues over Expenditures FY17

⁵ Capital Reserve as of 04/30/16

APPENDIX 2

PENNVEST AND GARAGE LOAN AMORTIZATION SCHEDULES

**NORTH HUNTINGDON TOWNSHIP MUNICIPAL AUTHORITY
2003 PENNVEST LOAN AMORTIZATION SCHEDULE**

Payment Date	Interest Payment	Principal Payment	Total Payment	Remaining Balance
5/1/2011	7,608.46	15,921.16	23,529.62	2,804,638.19
6/1/2011	7,565.51	15,964.11	23,529.62	2,788,674.08
7/1/2011	7,522.45	16,007.17	23,529.62	2,772,666.91
8/1/2011	7,479.27	16,050.35	23,529.62	2,756,616.56
9/1/2011	7,435.97	16,093.65	23,529.62	2,740,522.91
10/1/2011	7,392.56	16,137.06	23,529.62	2,724,385.85
11/1/2011	7,349.03	16,180.59	23,529.62	2,708,205.26
12/1/2011	7,305.38	16,224.24	23,529.62	2,691,981.02
1/1/2012	7,261.62	16,268.00	23,529.62	2,675,713.02
2/1/2012	7,217.74	16,311.88	23,529.62	2,659,401.14
3/1/2012	7,173.73	16,355.89	23,529.62	2,643,045.25
4/1/2012	7,129.61	16,400.01	23,529.62	2,626,645.24
	<u>88,441.33</u>	<u>193,914.11</u>	<u>282,355.44</u>	
5/1/2012	7,085.38	16,444.24	23,529.62	2,610,201.00
6/1/2012	7,041.02	16,488.60	23,529.62	2,593,712.40
7/1/2012	6,996.54	16,533.08	23,529.62	2,577,179.32
8/1/2012	6,951.94	16,577.68	23,529.62	2,560,601.64
9/1/2012	6,907.22	16,622.40	23,529.62	2,543,979.24
10/1/2012	6,862.38	16,667.24	23,529.62	2,527,312.00
11/1/2012	6,817.42	16,712.20	23,529.62	2,510,599.80
12/1/2012	6,772.34	16,757.28	23,529.62	2,493,842.52
1/1/2013	6,727.14	16,802.48	23,529.62	2,477,040.04
2/1/2013	6,681.82	16,847.80	23,529.62	2,460,192.24
3/1/2013	6,636.37	16,893.25	23,529.62	2,443,298.99
4/1/2013	6,590.80	16,938.82	23,529.62	2,426,360.17
	<u>82,070.37</u>	<u>200,285.07</u>	<u>282,355.44</u>	
5/1/2013	6,454.11	16,984.51	23,438.62	2,409,375.66
6/1/2013	6,499.29	17,030.33	23,529.62	2,392,345.33
7/1/2013	6,453.35	17,076.27	23,529.62	2,375,269.06
8/1/2013	6,407.29	17,122.33	23,529.62	2,358,146.73
9/1/2013	6,361.10	17,168.52	23,529.62	2,340,978.21
10/1/2013	6,314.79	17,214.83	23,529.62	2,323,763.38
11/1/2013	6,268.35	17,261.27	23,529.62	2,306,502.11
12/1/2013	6,221.79	17,307.83	23,529.62	2,289,194.28
1/1/2014	6,175.10	17,354.52	23,529.62	2,271,839.76
2/1/2014	6,128.29	17,401.33	23,529.62	2,254,438.43
3/1/2014	6,081.35	17,448.27	23,529.62	2,236,990.16
4/1/2014	6,034.28	17,495.34	23,529.62	2,219,494.82
	<u>75,399.09</u>	<u>206,865.35</u>	<u>282,264.44</u>	

Payment Date	Interest Payment	Principal Payment	Total Payment	Remaining Balance
5/1/2014	5,987.09	17,542.53	23,529.62	2,201,952.29
6/1/2014	5,939.77	17,589.85	23,529.62	2,184,362.44
7/1/2014	5,892.32	17,637.30	23,529.62	2,166,725.14
8/1/2014	5,844.74	17,684.88	23,529.62	2,149,040.26
9/1/2014	5,797.04	17,732.58	23,529.62	2,131,307.68
10/1/2014	5,749.20	17,780.42	23,529.62	2,113,527.26
11/1/2014	5,701.24	17,828.38	23,529.62	2,095,698.88
12/1/2014	5,653.15	17,876.47	23,529.62	2,077,822.41
1/1/2015	5,604.93	17,924.69	23,529.62	2,059,897.72
2/1/2015	5,556.57	17,973.05	23,529.62	2,041,924.67
3/1/2015	5,508.09	18,021.53	23,529.62	2,023,903.14
4/1/2015	5,459.48	18,070.14	23,529.62	2,005,833.00
	<u>68,693.62</u>	<u>213,661.82</u>	<u>282,355.44</u>	
5/1/2015	5,410.73	18,118.89	23,529.62	1,987,714.11
6/1/2015	5,361.86	18,167.76	23,529.62	1,969,546.35
7/1/2015	5,312.85	18,216.77	23,529.62	1,951,329.58
8/1/2015	5,263.71	18,265.91	23,529.62	1,933,063.67
9/1/2015	5,214.44	18,315.18	23,529.62	1,914,748.49
10/1/2015	5,165.03	18,364.59	23,529.62	1,896,383.90
11/1/2015	5,115.50	18,414.12	23,529.62	1,877,969.78
12/1/2015	5,065.82	18,463.80	23,529.62	1,859,505.98
1/1/2016	5,016.02	18,513.60	23,529.62	1,840,992.38
2/1/2016	4,966.08	18,563.54	23,529.62	1,822,428.84
3/1/2016	4,916.00	18,613.62	23,529.62	1,803,815.22
4/1/2016	4,865.79	18,663.83	23,529.62	1,785,151.39
	<u>61,673.83</u>	<u>220,681.61</u>	<u>282,355.44</u>	
5/1/2016	4,815.45	18,714.17	23,529.62	1,766,437.22
6/1/2016	4,764.96	18,764.66	23,529.62	1,747,672.56
7/1/2016	4,714.35	18,815.27	23,529.62	1,728,857.29
8/1/2016	4,663.59	18,866.03	23,529.62	1,709,991.26
9/1/2016	4,612.70	18,916.92	23,529.62	1,691,074.34
10/1/2016	4,561.67	18,967.95	23,529.62	1,672,106.39
11/1/2016	4,510.51	19,019.11	23,529.62	1,653,087.28
12/1/2016	4,459.20	19,070.42	23,529.62	1,634,016.86
1/1/2017	4,407.76	19,121.86	23,529.62	1,614,895.00
2/1/2017	4,356.18	19,173.44	23,529.62	1,595,721.56
3/1/2017	4,304.46	19,225.16	23,529.62	1,576,496.40
4/1/2017	4,252.60	19,277.02	23,529.62	1,557,219.38
	<u>54,423.43</u>	<u>227,932.01</u>	<u>282,355.44</u>	

Payment Date	Interest Payment	Principal Payment	Total Payment	Remaining Balance
5/1/2017	4,200.60	19,329.02	23,529.62	1,537,890.36
6/1/2017	4,148.46	19,381.16	23,529.62	1,518,509.20
7/1/2017	4,096.18	19,433.44	23,529.62	1,499,075.76
8/2/2017	4,043.76	19,485.86	23,529.62	1,479,589.90
9/1/2017	3,991.19	19,538.43	23,529.62	1,460,051.47
10/1/2017	3,938.49	19,591.13	23,529.62	1,440,460.34
11/1/2017	3,885.64	19,643.98	23,529.62	1,420,816.36
12/1/2017	3,832.65	19,696.97	23,529.62	1,401,119.39
1/1/2018	3,779.52	19,750.10	23,529.62	1,381,369.29
2/1/2018	3,726.24	19,803.38	23,529.62	1,361,565.91
3/1/2018	3,672.82	19,856.80	23,529.62	1,341,709.11
4/1/2018	3,619.26	19,910.36	23,529.62	1,321,798.75
	<u>46,934.81</u>	<u>235,420.63</u>	<u>282,355.44</u>	
5/1/2018	3,565.55	19,964.07	23,529.62	1,301,834.68
6/1/2018	3,511.70	20,017.92	23,529.62	1,281,816.76
7/1/2018	3,457.70	20,071.92	23,529.62	1,261,744.84
8/2/2018	3,403.56	20,126.06	23,529.62	1,241,618.78
9/1/2018	3,349.27	20,180.35	23,529.62	1,221,438.43
10/1/2018	3,294.83	20,234.79	23,529.62	1,201,203.64
11/1/2018	3,240.25	20,289.37	23,529.62	1,180,914.27
12/1/2018	3,185.52	20,344.10	23,529.62	1,160,570.17
1/1/2019	3,130.64	20,398.98	23,529.62	1,140,171.19
2/1/2019	3,075.61	20,454.01	23,529.62	1,119,717.18
3/1/2019	3,020.44	20,509.18	23,529.62	1,099,208.00
4/1/2019	2,965.11	20,564.51	23,529.62	1,078,643.49
	<u>39,200.18</u>	<u>243,155.26</u>	<u>282,355.44</u>	
5/1/2019	2,909.64	20,619.98	23,529.62	1,058,023.51
6/1/2019	2,854.02	20,675.60	23,529.62	1,037,347.91
7/1/2019	2,798.25	20,731.37	23,529.62	1,016,616.54
8/2/2019	2,742.32	20,787.30	23,529.62	995,829.24
9/1/2019	2,686.25	20,843.37	23,529.62	974,985.87
10/1/2019	2,630.02	20,899.60	23,529.62	954,086.27
11/1/2019	2,573.65	20,955.97	23,529.62	933,130.30
12/1/2019	2,517.12	21,012.50	23,529.62	912,117.80
1/1/2020	2,460.44	21,069.18	23,529.62	891,048.62
2/1/2020	2,403.60	21,126.02	23,529.62	869,922.60
3/1/2020	2,346.62	21,183.00	23,529.62	848,739.60
4/1/2020	2,289.48	21,240.14	23,529.62	827,499.46
	<u>31,211.41</u>	<u>251,144.03</u>	<u>282,355.44</u>	

Payment Date	Interest Payment	Principal Payment	Total Payment	Remaining Balance
5/1/2020	2,232.18	21,297.44	23,529.62	806,202.02
6/1/2020	2,174.73	21,354.89	23,529.62	784,847.13
7/1/2020	2,117.13	21,412.49	23,529.62	763,434.64
8/1/2020	2,059.36	21,470.26	23,529.62	741,964.38
9/1/2020	2,001.45	21,528.17	23,529.62	720,436.21
10/1/2020	1,943.38	21,586.24	23,529.62	698,849.97
11/1/2020	1,885.15	21,644.47	23,529.62	677,205.50
12/1/2020	1,826.76	21,702.86	23,529.62	655,502.64
1/1/2021	1,768.22	21,761.40	23,529.62	633,741.24
2/1/2021	1,709.52	21,820.10	23,529.62	611,921.14
3/1/2021	1,650.66	21,878.96	23,529.62	590,042.18
4/1/2021	1,591.64	21,937.98	23,529.62	568,104.20
	<u>22,960.18</u>	<u>259,395.26</u>	<u>282,355.44</u>	
5/1/2021	1,532.46	21,997.16	23,529.62	546,107.04
6/1/2021	1,473.12	22,056.50	23,529.62	524,050.54
7/1/2021	1,413.63	22,115.99	23,529.62	501,934.55
8/1/2021	1,353.97	22,175.65	23,529.62	479,758.90
9/1/2021	1,294.15	22,235.47	23,529.62	457,523.43
10/1/2021	1,234.17	22,295.45	23,529.62	435,227.98
11/1/2021	1,174.03	22,355.59	23,529.62	412,872.39
12/1/2021	1,113.72	22,415.90	23,529.62	390,456.49
1/1/2022	1,053.26	22,476.36	23,529.62	367,980.13
2/1/2022	992.63	22,536.99	23,529.62	345,443.14
3/1/2022	931.83	22,597.79	23,529.62	322,845.35
4/1/2022	870.88	22,658.74	23,529.62	300,186.61
	<u>14,437.85</u>	<u>267,917.59</u>	<u>282,355.44</u>	
5/1/2022	809.75	22,719.87	23,529.62	277,466.74
6/1/2022	748.47	22,781.15	23,529.62	254,685.59
7/1/2022	687.01	22,842.61	23,529.62	231,842.98
8/1/2022	625.40	22,904.22	23,529.62	208,938.76
9/1/2022	563.61	22,966.01	23,529.62	185,972.75
10/1/2022	501.66	23,027.96	23,529.62	162,944.79
11/1/2022	439.54	23,090.08	23,529.62	139,854.71
12/1/2022	377.26	23,152.36	23,529.62	116,702.35
1/1/2023	314.80	23,214.82	23,529.62	93,487.53
2/1/2023	252.18	23,277.44	23,529.62	70,210.09
3/1/2023	189.39	23,340.23	23,529.62	46,869.86
4/1/2023	126.43	23,403.19	23,529.62	23,466.67
	<u>5,635.50</u>	<u>276,719.94</u>	<u>282,355.44</u>	
5/1/2023	63.30	23,466.67	23,529.97	0.00

**NORTH HUNTINGDON TOWNSHIP MUNICIPAL AUTHORITY
2006 REVENUE OBLIGATION AMORTIZATION SCHEDULE**

Payment Date	Interest Rate	Interest Payment	Principal Payment	Total Payment	Remaining Balance
					\$1,500,000.00
03/15/06	0.325%	4,875.00	6,145.30	11,020.30	1,493,854.70
04/15/06	0.325%	4,855.03	6,165.27	11,020.30	1,487,689.43
05/15/06	0.325%	4,834.99	6,185.31	11,020.30	1,481,504.12
06/15/06	0.325%	4,814.89	6,205.41	11,020.30	1,475,298.70
07/15/06	0.325%	4,794.72	6,225.58	11,020.30	1,469,073.13
08/15/06	0.325%	4,774.49	6,245.81	11,020.30	1,462,827.31
09/15/06	0.325%	4,754.19	6,266.11	11,020.30	1,456,561.20
10/15/06	0.325%	4,733.82	6,286.48	11,020.30	1,450,274.72
11/15/06	0.325%	4,713.39	6,306.91	11,020.30	1,443,967.82
12/15/06	0.325%	4,692.90	6,327.41	11,020.30	1,437,640.41
01/15/07	0.325%	4,672.33	6,347.97	11,020.30	1,431,292.44
02/15/07	0.325%	4,651.70	6,368.60	11,020.30	1,424,923.84
03/15/07	0.325%	4,631.00	6,389.30	11,020.30	1,418,534.54
04/15/07	0.325%	4,610.24	6,410.06	11,020.30	1,412,124.48
		\$66,408.69	\$87,875.52	\$154,284.21	
05/15/07	0.325%	4,589.40	6,430.90	11,020.30	1,405,693.58
06/15/07	0.325%	4,568.50	6,451.80	11,020.30	1,399,241.79
07/15/07	0.325%	4,547.54	6,472.76	11,020.30	1,392,769.02
08/15/07	0.325%	4,526.50	6,493.80	11,020.30	1,386,275.22
09/15/07	0.325%	4,505.39	6,514.91	11,020.30	1,379,760.32
10/15/07	0.325%	4,484.22	6,536.08	11,020.30	1,373,224.24
11/15/07	0.325%	4,462.98	6,557.32	11,020.30	1,366,666.92
12/15/07	0.325%	4,441.67	6,578.63	11,020.30	1,360,088.28
01/15/08	0.325%	4,420.29	6,600.01	11,020.30	1,353,488.27
02/15/08	0.325%	4,398.84	6,621.46	11,020.30	1,346,866.81
03/15/08	0.325%	4,377.32	6,642.98	11,020.30	1,340,223.82
04/15/08	0.325%	4,355.73	6,664.57	11,020.30	1,333,559.25
		\$53,678.37	\$78,565.23	\$132,243.61	
05/15/08	0.325%	4,334.07	6,686.23	11,020.30	1,326,873.02
06/15/08	0.325%	4,312.34	6,707.96	11,020.30	1,320,165.05
07/15/08	0.325%	4,290.54	6,729.76	11,020.30	1,313,435.29
08/15/08	0.325%	4,268.66	6,751.64	11,020.30	1,306,683.65
09/15/08	0.325%	4,246.72	6,773.58	11,020.30	1,299,910.07
10/15/08	0.325%	4,224.71	6,795.59	11,020.30	1,293,114.48
11/15/08	0.325%	4,202.62	6,817.68	11,020.30	1,286,296.80
12/15/08	0.325%	4,180.46	6,839.84	11,020.30	1,279,456.97
01/15/09	0.325%	4,158.24	6,862.07	11,020.30	1,272,594.90
02/15/09	0.325%	4,135.93	6,884.37	11,020.30	1,265,710.54
03/15/09	0.325%	4,113.56	6,906.74	11,020.30	1,258,803.79
04/15/09	0.325%	4,091.11	6,929.19	11,020.30	1,251,874.61
		\$50,558.96	\$81,684.64	\$132,243.61	

Payment Date	Interest Rate	Interest Payment	Principal Payment	Total Payment	Remaining Balance
05/15/09	0.325%	4,068.59	6,951.71	11,020.30	1,244,922.90
06/15/09	0.325%	4,046.00	6,974.30	11,020.30	1,237,948.60
07/15/09	0.325%	4,023.33	6,996.97	11,020.30	1,230,951.63
08/15/09	0.325%	4,000.59	7,019.71	11,020.30	1,223,931.92
09/15/09	0.325%	3,977.78	7,042.52	11,020.30	1,216,889.40
10/15/09	0.325%	3,954.89	7,065.41	11,020.30	1,209,823.99
11/15/09	0.325%	3,931.93	7,088.37	11,020.30	1,202,735.62
12/15/09	0.325%	3,908.89	7,111.41	11,020.30	1,195,624.21
01/15/10	0.325%	3,885.78	7,134.52	11,020.30	1,188,489.69
02/15/10	0.325%	3,862.59	7,157.71	11,020.30	1,181,331.98
03/15/10	0.325%	3,839.33	7,180.97	11,020.30	1,174,151.00
04/15/10	0.325%	3,815.99	7,204.31	11,020.30	1,166,946.70
		\$47,315.70	\$84,927.91	\$132,243.61	
05/15/10	0.325%	3,792.58	7,227.72	11,020.30	1,159,718.97
06/15/10	0.325%	3,769.09	7,251.21	11,020.30	1,152,467.76
07/15/10	0.325%	3,745.52	7,274.78	11,020.30	1,145,192.98
08/15/10	0.325%	3,721.88	7,298.42	11,020.30	1,137,894.55
09/15/10	0.325%	3,698.16	7,322.14	11,020.30	1,130,572.41
10/15/10	0.325%	3,674.36	7,345.94	11,020.30	1,123,226.47
11/15/10	0.325%	3,650.49	7,369.81	11,020.30	1,115,856.66
12/15/10	0.325%	3,626.53	7,393.77	11,020.30	1,108,462.89
01/15/11	0.325%	3,602.50	7,417.80	11,020.30	1,101,045.09
02/15/11	0.325%	3,578.40	7,441.90	11,020.30	1,093,603.19
03/15/11	0.325%	3,554.21	7,466.09	11,020.30	1,086,137.10
04/15/11	0.325%	3,529.95	7,490.35	11,020.30	1,078,646.74
		\$43,943.66	\$88,299.95	\$132,243.61	
05/15/11	0.325%	3,505.60	7,514.70	11,020.30	1,071,132.05
06/15/11	0.325%	3,481.18	7,539.12	11,020.30	1,063,592.93
07/15/11	0.325%	3,456.68	7,563.62	11,020.30	1,056,029.30
08/15/11	0.325%	3,432.10	7,588.21	11,020.30	1,048,441.10
09/15/11	0.325%	3,407.43	7,612.87	11,020.30	1,040,828.23
10/15/11	0.325%	3,382.69	7,637.61	11,020.30	1,033,190.62
11/15/11	0.325%	3,357.87	7,662.43	11,020.30	1,025,528.19
12/15/11	0.325%	3,332.97	7,687.33	11,020.30	1,017,840.86
01/15/12	0.325%	3,307.98	7,712.32	11,020.30	1,010,128.54
02/15/12	0.325%	3,282.92	7,737.38	11,020.30	1,002,391.16
03/15/12	0.325%	3,257.77	7,762.53	11,020.30	994,628.63
04/15/12	0.325%	3,232.54	7,787.76	11,020.30	986,840.87
		\$40,437.73	\$91,805.88	\$132,243.61	

Payment Date	Interest Rate	Interest Payment	Principal Payment	Total Payment	Remaining Balance
05/15/12	0.325%	3,207.23	7,813.07	11,020.30	979,027.80
06/15/12	0.325%	3,181.84	7,838.46	11,020.30	971,189.34
07/15/12	0.325%	3,156.37	7,863.94	11,020.30	963,325.41
08/15/12	0.325%	3,130.81	7,889.49	11,020.30	955,435.91
09/15/12	0.325%	3,105.17	7,915.13	11,020.30	947,520.78
10/15/12	0.325%	3,079.44	7,940.86	11,020.30	939,579.92
11/15/12	0.325%	3,053.63	7,966.67	11,020.30	931,613.26
12/15/12	0.325%	3,027.74	7,992.56	11,020.30	923,620.70
01/15/13	0.325%	3,001.77	8,018.53	11,020.30	915,602.16
02/15/13	0.325%	2,975.71	8,044.59	11,020.30	907,557.57
03/15/13	0.325%	2,949.56	8,070.74	11,020.30	899,486.83
04/15/13	0.325%	2,923.33	8,096.97	11,020.30	891,389.86
		\$36,792.60	\$95,451.00	\$132,243.61	
05/15/13	0.325%	2,897.02	8,123.28	11,020.30	883,266.58
06/15/13	0.325%	2,870.62	8,149.68	11,020.30	875,116.90
07/15/13	0.325%	2,844.13	8,176.17	11,020.30	866,940.73
08/15/13	0.325%	2,817.56	8,202.74	11,020.30	858,737.98
09/15/13	0.325%	2,790.90	8,229.40	11,020.30	850,508.58
10/15/13	0.325%	2,764.15	8,256.15	11,020.30	842,252.43
11/15/13	0.325%	2,737.32	8,282.98	11,020.30	833,969.45
12/15/13	0.325%	2,710.40	8,309.90	11,020.30	825,659.55
01/15/14	0.325%	2,683.39	8,336.91	11,020.30	817,322.65
02/15/14	0.325%	2,656.30	8,364.00	11,020.30	808,958.65
03/15/14	0.325%	2,629.12	8,391.18	11,020.30	800,567.46
04/15/14	0.325%	2,601.84	8,418.46	11,020.30	792,149.00
		\$33,002.75	\$99,240.86	\$132,243.61	
05/15/14	0.325%	2,574.48	8,445.82	11,020.30	783,703.19
06/15/14	0.325%	2,547.04	8,473.27	11,020.30	775,229.92
07/15/14	0.325%	2,519.50	8,500.80	11,020.30	766,729.12
08/15/14	0.325%	2,491.87	8,528.43	11,020.30	758,200.69
09/15/14	0.325%	2,464.15	8,556.15	11,020.30	749,644.54
10/15/14	0.325%	2,436.34	8,583.96	11,020.30	741,060.58
11/15/14	0.325%	2,408.45	8,611.85	11,020.30	732,448.73
12/15/14	0.325%	2,380.46	8,639.84	11,020.30	723,808.89
01/15/15	0.325%	2,352.38	8,667.92	11,020.30	715,140.97
02/15/15	0.325%	2,324.21	8,696.09	11,020.30	706,444.88
03/15/15	0.325%	2,295.95	8,724.35	11,020.30	697,720.52
04/15/15	0.325%	2,267.59	8,752.71	11,020.30	688,967.81
		\$29,062.41	\$103,181.19	\$132,243.61	

Payment Date	Interest Rate	Interest Payment	Principal Payment	Total Payment	Remaining Balance
05/15/15	0.325%	2,239.15	8,781.16	11,020.30	680,186.66
06/15/15	0.325%	2,210.61	8,809.69	11,020.30	671,376.96
07/15/15	0.325%	2,181.98	8,838.33	11,020.30	662,538.64
08/15/15	0.325%	2,153.25	8,867.05	11,020.30	653,671.59
09/15/15	0.325%	2,124.43	8,895.87	11,020.30	644,775.72
10/15/15	0.325%	2,095.52	8,924.78	11,020.30	635,850.94
11/15/15	0.325%	2,066.52	8,953.78	11,020.30	626,897.16
12/15/15	0.325%	2,037.42	8,982.88	11,020.30	617,914.27
01/15/16	0.325%	2,008.22	9,012.08	11,020.30	608,902.19
02/15/16	0.325%	1,978.93	9,041.37	11,020.30	599,860.82
03/15/16	0.325%	1,949.55	9,070.75	11,020.30	590,790.07
04/15/16	0.325%	1,920.07	9,100.23	11,020.30	581,689.84
		\$24,965.63	\$107,277.97	\$132,243.61	
05/15/16	0.325%	1,890.49	9,129.81	11,020.30	572,560.03
06/15/16	0.325%	1,860.82	9,159.48	11,020.30	563,400.55
07/15/16	0.325%	1,831.05	9,189.25	11,020.30	554,211.30
08/15/16	0.325%	1,801.19	9,219.11	11,020.30	544,992.19
09/15/16	0.325%	1,771.22	9,249.08	11,020.30	535,743.11
10/15/16	0.325%	1,741.17	9,279.14	11,020.30	526,463.97
11/15/16	0.325%	1,711.01	9,309.29	11,020.30	517,154.68
12/15/16	0.325%	1,680.75	9,339.55	11,020.30	507,815.13
01/15/17	0.325%	1,650.40	9,369.90	11,020.30	498,445.23
02/15/17	0.325%	1,619.95	9,400.35	11,020.30	489,044.88
03/15/17	0.325%	1,589.40	9,430.90	11,020.30	479,613.98
04/15/17	0.325%	1,558.75	9,461.56	11,020.30	470,152.42
		\$20,706.19	\$111,537.42	\$132,243.61	
05/15/17	0.325%	1,528.00	9,492.31	11,020.30	460,660.11
06/15/17	0.325%	1,497.15	9,523.16	11,020.30	451,136.96
07/15/17	0.325%	1,466.20	9,554.11	11,020.30	441,582.85
08/15/17	0.325%	1,435.14	9,585.16	11,020.30	431,997.70
09/15/17	0.325%	1,403.99	9,616.31	11,020.30	422,381.39
10/15/17	0.325%	1,372.74	9,647.56	11,020.30	412,733.83
11/15/17	0.325%	1,341.38	9,678.92	11,020.30	403,054.91
12/15/17	0.325%	1,309.93	9,710.37	11,020.30	393,344.54
01/15/18	0.325%	1,278.37	9,741.93	11,020.30	383,602.61
02/15/18	0.325%	1,246.71	9,773.59	11,020.30	373,829.02
03/15/18	0.325%	1,214.94	9,805.36	11,020.30	364,023.66
04/15/18	0.325%	1,183.08	9,837.22	11,020.30	354,186.44
		\$16,277.63	\$115,965.98	\$132,243.61	

Payment Date	Interest Rate	Interest Payment	Principal Payment	Total Payment	Remaining Balance
05/15/18	0.325%	1,151.11	9,869.19	11,020.30	344,317.24
06/15/18	0.325%	1,119.03	9,901.27	11,020.30	334,415.98
07/15/18	0.325%	1,086.85	9,933.45	11,020.30	324,482.53
08/15/18	0.325%	1,054.57	9,965.73	11,020.30	314,516.79
09/15/18	0.325%	1,022.18	9,998.12	11,020.30	304,518.67
10/15/18	0.325%	989.69	10,030.61	11,020.30	294,488.06
11/15/18	0.325%	957.09	10,063.21	11,020.30	284,424.84
12/15/18	0.325%	924.38	10,095.92	11,020.30	274,328.92
01/15/19	0.325%	891.57	10,128.73	11,020.30	264,200.19
02/15/19	0.325%	858.65	10,161.65	11,020.30	254,038.54
03/15/19	0.325%	825.63	10,194.68	11,020.30	243,843.87
04/15/19	0.325%	792.49	10,227.81	11,020.30	233,616.06
		\$11,673.23	\$120,570.38	\$132,243.61	
05/15/19	0.325%	759.25	10,261.05	11,020.30	223,355.01
06/15/19	0.325%	725.90	10,294.40	11,020.30	213,060.62
07/15/19	0.325%	692.45	10,327.85	11,020.30	202,732.76
08/15/19	0.325%	658.88	10,361.42	11,020.30	192,371.34
09/15/19	0.325%	625.21	10,395.09	11,020.30	181,976.25
10/15/19	0.325%	591.42	10,428.88	11,020.30	171,547.37
11/15/19	0.325%	557.53	10,462.77	11,020.30	161,084.60
12/15/19	0.325%	523.52	10,496.78	11,020.30	150,587.82
01/15/20	0.325%	489.41	10,530.89	11,020.30	140,056.93
02/15/20	0.325%	455.19	10,565.12	11,020.30	129,491.82
03/15/20	0.325%	420.85	10,599.45	11,020.30	118,892.37
04/15/20	0.325%	386.40	10,633.90	11,020.30	108,258.47
		\$6,886.01	\$125,357.59	\$132,243.61	
05/15/20	0.325%	351.84	10,668.46	11,020.30	97,590.01
06/15/20	0.325%	317.17	10,703.13	11,020.30	86,886.87
07/15/20	0.325%	282.38	10,737.92	11,020.30	76,148.95
08/15/20	0.325%	247.48	10,772.82	11,020.30	65,376.14
09/15/20	0.325%	212.47	10,807.83	11,020.30	54,568.31
10/15/20	0.325%	177.35	10,842.95	11,020.30	43,725.36
11/15/20	0.325%	142.11	10,878.19	11,020.30	32,847.16
12/15/20	0.325%	106.75	10,913.55	11,020.30	21,933.62
01/15/21	0.325%	71.28	10,949.02	11,020.30	10,984.60
02/15/21	0.325%	35.70	10,984.60	11,020.30	(0.00)
		\$1,944.54	\$108,258.47	\$110,203.00	

APPENDIX 3

AUTHORITY BUDGET

North Huntingdon Township Municipal Authority
Income, Expense, vs. 5 Year Budget Comparison - FY12 to Present FY17
FY2017 Budget \$0.00 per EDU Operating Increase

	Actual FY11	Actual FY12	Actual FY13	Actual FY14	Actual FY15	*Not including J/E Est./Actual @ 04/30/16	BUDGET FY16	YTD % BUDGET	PROPOSED FY17 BUDGET	Budget FY16 vs. FY17 Increase or Decrease
REVENUE										
Sewage Rental Revenue										
1.000.4010 Sewer Rentals-R1,R2,R3 BC	2,083,666	2,197,324	2,248,566	2,451,062	2,420,305	2,414,575	2,415,496	100.0%	2,574,344	6.58%
1.000.4020 Sewer Rentals-R4,R6,R8 Y	1,059,887	1,096,539	1,118,300	1,214,763	1,233,151	1,244,098	1,239,317	100.4%	1,320,814	6.58%
1.000.4030 Sewer Rentals-R5 Y	1,572,922	1,635,834	1,670,982	1,828,339	1,847,212	1,854,435	1,856,448	99.9%	1,978,528	6.58%
1.000.4040 Sewer Rentals-Q1 BC	127,250	137,606	139,664	148,931	155,127	147,681	155,903	94.7%	166,155	6.58%
1.000.4045 Sewer Rentals-Q2 Y	16,179	16,144	15,488	17,588	19,739	22,115	19,838	111.5%	21,143	6.58%
1.000.4050 Sewer Rentals-Q3 BC	45,622	49,316	43,265	51,988	48,346	42,840	48,588	88.2%	51,783	6.58%
1.000.4055 Sewer Rentals-Q4 Y	120,431	123,220	119,761	120,575	128,063	121,817	128,703	94.6%	137,167	6.58%
1.000.4060 Sewer Rentals-Q5 BC	5,974	6,409	5,815	7,090	6,321	6,407	6,353	100.8%	6,771	6.58%
1.000.4065 Sewer Rentals-Q6 Y	22,926	23,189	23,172	24,734	24,513	23,132	24,636	93.9%	26,256	6.58%
1.000.4070 Sewer Rentals-M1,M3 BC	364,462	394,232	349,650	396,431	377,248	414,203	379,134	109.2%	404,066	6.58%
1.000.4075 Sewer Rentals-M2,M4 Y	280,188	284,489	255,922	180,231	173,703	172,265	174,572	98.7%	186,052	6.58%
1.000.4080 Capital Improvements	1,461,648	1,577,947	1,730,515	1,872,071	2,045,606	2,089,386	2,045,607	102.1%	2,055,835	0.50%
Total Rental Revenue	7,161,155	7,542,249	7,721,100	8,313,803	8,479,334	8,552,954	8,494,595	100.7%	8,928,913	5.11%
Yearly Payment Discounts										
1.000.4110 Yearly Pmt. Disc.-R1,R2,R3 BC	(5,245)	(5,941)	(6,908)	(6,930)	(9,389)	(6,553)	(6,930)	94.6%	(6,930)	0.00%
1.000.4120 Yearly Pmt. Disc.-R4,R6,R8 Y	(2,707)	(3,387)	(3,422)	(3,724)	(2,573)	(3,847)	(3,724)	103.3%	(3,724)	0.00%
1.000.4130 Yearly Pmt. Disc.-R5 Y	(3,763)	(4,158)	(4,395)	(4,937)	(3,480)	(5,177)	(4,937)	104.9%	(4,937)	0.00%
1.000.4140 Yearly Pmt. Disc.-Q1 BC		0	0	0	0	0	0	#DIV/0!	0	
1.000.4155 Yearly Pmt. Disc.-Q4 Y	(25)	0	0	0	0	0	0	#DIV/0!	0	
Total Yearly Discounts	(11,740)	(13,486)	(14,725)	(15,591)	(15,442)	(15,577)	(15,591)	99.9%	(15,591)	0.00%
Penalty Income										
1.000.4210 Penalty Income-R1,R2,R3 BC	25,323	28,245	28,140	30,173	31,182	28,504	31,182	91.4%	31,182	0.00%
1.000.4220 Penalty Income-R4,R6,R8 Y	10,390	10,424	11,376	11,630	12,579	12,798	12,579	101.7%	12,579	0.00%
1.000.4230 Penalty Income-R5 Y	16,396	18,087	18,503	20,685	21,181	18,136	21,181	85.6%	21,181	0.00%
1.000.4240 Penalty Income-Q1 BC	1,177	1,517	1,245	1,219	902	1,085	902	120.3%	902	0.00%
1.000.4245 Penalty Income-Q2 Y	273	268	63	170	119	228	119	191.6%	119	0.00%
1.000.4250 Penalty Income-Q3 BC	429	389	415	492	411	409	411	99.5%	411	0.00%
1.000.4255 Penalty Income-Q4 Y	957	1,414	1,033	890	896	547	896	61.0%	896	0.00%
1.000.4260 Penalty Income-Q5 BC	78	127	95	142	151	76	151	50.3%	151	0.00%
1.000.4265 Penalty Income-Q6 Y	234	339	257	228	347	145	347	41.8%	347	0.00%
1.000.4270 Penalty Income-M1,M3 BC	5,207	4,127	2,394	2,760	2,281	979	2,281	42.9%	2,281	0.00%
1.000.4275 Penalty Income-M2,M4 Y	2,020	1,864	5,052	795	1,026	(72)	1,026	-7.0%	1,026	0.00%
Total Penalty Income	62,484	66,801	68,573	69,184	71,075	62,835	71,075	88.4%	71,075	0.00%
TOTAL SEWAGE REVENUES	7,211,899	7,595,564	7,774,948	8,367,396	8,534,967	8,600,212	8,550,079	100.6%	8,984,397	5.08%
New Construction Tap-Ins										
1.000.4310 Yough	176,560	140,751	99,000	394,965	199,974	58,000	188,750	30.7%	194,525	3.06%
1.000.4315 Brush Creek	223,032	150,730	140,981	131,130	272,114	65,235	188,750	34.6%	197,500	4.64%
1.000.4320 Irwin/Hempfield/Other	10,140	25,000	0	0	0	0	0	#DIV/0!	0	#DIV/0!
Total Tap-Ins	409,732	316,481	239,981	526,095	472,088	123,235	377,500	32.6%	392,025	3.85%
Interest Income										
1.000.4401 Yough Assess.	195	195	195	195	195	46	195	23.6%	195	0.00%
1.000.4402 BC Assess	943	943	943	943	(1,574)	634	943	67.2%	943	0.00%
1.000.4403 Faulknerville Assess	34	34	34	34	35	11	34	32.4%	34	0.00%
1.000.4404 Act 537 Assess	367	365	365	365	365	122	365	33.4%	365	0.00%
1.000.4405 Ardara/Masters Assess	453	170	35	0	0	0	0	#DIV/0!	0	#DIV/0!
1.000.4407 Lien Interest	0	0	0	0	0	5,027	0	#DIV/0!	3,500	#DIV/0!
1.000.4412 Act 537 R/W	1	1	0	0	0	0	0	#DIV/0!	0	#DIV/0!
1.000.4416 Developers Escrow	26	12	8	13	4	1	12	8.3%	12	0.00%
1.000.4422 Operating	33	28	12	8	9	11	8	137.5%	8	0.00%

North Huntingdon Township Municipal Authority
Income, Expense, vs. 5 Year Budget Comparison - FY12 to Present FY17
FY2017 Budget \$0.00 per EDU Operating Increase

	Actual FY11	Actual FY12	Actual FY13	Actual FY14	Actual FY15	*Not including J/E Est./Actual @ 04/30/16	BUDGET FY16	YTD % BUDGET	PROPOSED FY17 BUDGET	Budget FY16 vs. FY17 Increase or Decrease
1.000.4424 Payroll	5	6	2	1	1	1	1	100.0%	1	0.00%
1.000.4426 Revenue Funds	3,698	1,037	2,844	308	1,142	2,564	501	511.8%	501	0.00%
1.000.4438 Ardara/Masters Escr	0	0	0	0	0	0	0	#DIV/0!	0	#DIV/0!
1.000.4440 PNC Premium Money Mkt	230	148	109	103	44	21	95	22.1%	95	0.00%
1.000.4450 Insured Swap Payment Fund	0	2	1	0	0	1	1	100.0%	1	0.00%
1.000.4460 Construction-	0	0	0	0	0	0	0	#DIV/0!	0	#DIV/0!
1.000.4470 Debt Svc-M&T	420	358	166	55	57	743	47	1580.9%	47	0.00%
1.000.4480 Capital Res-M&T	1,865	1,878	1,793	228	285	1,615	211	765.4%	211	0.00%
Total Interest Income	8,270	5,177	6,507	2,253	563	10,797	2,413	447.5%	5,913	145.05%
Miscellaneous Revenue										
1.000.4501 Miscellaneous	29,121	23,688	119,651	65,118	26,100	57,368	40,300	142.4%	40,300	0.00%
1.000.4503 Dye Test/Lateral Insp. Rev.	91,425	101,110	117,010	101,910	76,420	106,980	91,000	117.6%	91,000	0.00%
1.000.4504 No-lien letter Rev.	16,007	17,490	20,050	17,910	16,480	18,458	17,900	103.1%	17,900	0.00%
1.000.4505 TV/Jet Rev	1,233	0	0	0	1,656	0	0	#DIV/0!	0	#DIV/0!
1.000.4507 Certified/NSF Chg.	29,962	29,414	17,200	8,329	28,276	26,189	9,139	286.6%	9,139	0.00%
1.000.4510 WWMA	2,198	576	592	558	565	0	560	0.0%	560	0.00%
1.000.4513 Act 339 Subsidy	0	0	0	0	0	0	0	#DIV/0!	0	#DIV/0!
1.000.4515 Lien & Svc Fees	3,400	2,575	1,600	700	15,920	17,181	1,267	1356.0%	1,267	0.00%
1.000.4520 Contributed Capital	160,000	556,774	107,767	0	1,393,509	1,200	0	#DIV/0!	0	#DIV/0!
1.000.4525 Assessment Tap-In Fees	0	0	0	0	0	0	0	#DIV/0!	0	#DIV/0!
1.000.4530 Capitalized Wages/Benefits	88,909	41,648	106,232	59,594	93,616	97,494	50,000	195.0%	50,000	0.00%
1.000.4560 Gains on Sale	2,458	17,953	0	34,600	2,250	0	500	0.0%	500	0.00%
Total Miscellaneous	424,713	791,228	490,102	288,719	1,654,792	324,870	210,666	154.2%	210,666	0.00%
GRAND TOTAL REVENUES	8,054,614	8,708,450	8,511,538	9,184,463	10,662,410	9,059,114	9,140,658	99.1%	9,593,001	4.95%
ADMINISTRATIVE EXPENSES										
Personnel Expense										
1.100.5000 Salaries & Wages	335,320	325,679	331,206	304,807	309,876	287,604	333,300	86.3%	342,205	2.67%
1.100.5100 FICA	25,129	25,583	24,601	22,576	22,616	20,992	25,497	82.3%	26,179	2.67%
1.100.5110 Hospitalization	102,209	111,786	95,368	98,554	101,901	92,628	101,500	91.3%	95,034	-6.37%
1.100.5120 Life & Disability Insurance	6,222	6,433	6,685	6,767	4,702	7,461	6,900	108.1%	7,033	1.93%
1.100.5130 Pension	27,900	25,324	21,470	20,279	26,001	12,745	36,896	34.5%	39,251	6.38%
1.100.5140 Actuary	620	620	640	680	680	740	680	108.8%	800	17.65%
1.100.5150 Workers Comp.Ins.	1,064	1,203	697	601	535	477	733	65.1%	753	2.71%
1.100.5160 PA Unempl. Insurance	0	0	0	0	0	1,405	0	#DIV/0!	1,317	#DIV/0!
1.100.5170 PMAA Unemp.Ins.	1,505	1,392	1,257	1,317	1,750	1,425	1,350	105.6%	1,500	11.11%
Total Personnel Expenses	499,969	498,020	481,924	455,581	468,061	425,477	506,856	83.9%	514,071	1.42%
Office Expenses										
1.100.5200 Rent	21,408	21,408	21,408	21,408	23,192	19,624	21,450	91.5%	21,450	0.00%
1.100.5210 Office Supplies	9,544	8,721	8,240	8,379	12,385	10,204	9,600	106.3%	10,000	4.17%
1.100.5220 Office Postage	3,774	6,607	3,937	3,842	2,776	1,878	4,250	44.2%	3,850	-9.41%
1.100.5240 Billing Supplies	3,331	3,354	4,124	3,593	3,827	7,904	4,400	179.6%	4,400	0.00%
1.100.5245 Billing Postage	26,847	26,919	21,229	20,080	25,382	23,251	26,000	89.4%	26,000	0.00%
1.100.5248 Water Readings	815	507	552	539	492	61	850	7.2%	850	0.00%
1.100.5249 Assmnt.Loss Free/Clear Sale	2,021	0	0	0	0	0	0	#DIV/0!	0	#DIV/0!
1.100.5250 Telephone	5,037	2,392	1,966	2,093	2,669	2,278	3,000	75.9%	3,000	0.00%
1.100.5270 Equipment Rent	1,212	1,212	1,035	1,380	1,035	690	1,400	49.3%	1,400	0.00%
1.100.5275 Equip. R & M	3,114	1,273	3,001	2,168	2,420	2,821	2,175	129.7%	2,500	14.94%
1.100.5280 Computer Maint.	1,792	2,716	2,465	2,381	2,401	1,834	2,725	67.3%	2,725	0.00%
1.100.5290 Insurance	100	100	100	100	100	200	100	200.0%	100	0.00%
Total Office Expenses	78,995	75,209	68,057	65,963	76,679	70,745	75,950	93.1%	76,275	0.43%

North Huntingdon Township Municipal Authority
Income, Expense, vs. 5 Year Budget Comparison - FY12 to Present FY17
FY2017 Budget \$0.00 per EDU Operating Increase

	Actual FY11	Actual FY12	Actual FY13	Actual FY14	Actual FY15	*Not including J/E Est./Actual @ 04/30/16	BUDGET FY16	YTD % BUDGET	PROPOSED FY17 BUDGET	Budget FY16 vs. FY17 Increase or Decrease
Professional Fees										
1.100.5400 Auditing	19,596	19,962	20,433	20,924	20,991	20,913	21,030	99.4%	21,030	0.00%
1.100.5410 Engineering	39,691	47,458	39,627	35,041	32,960	29,508	45,000	65.6%	45,000	0.00%
1.100.5411 Engineer-Flow Mon.	0	0	0	0	0	0	5,000	0.0%	5,000	0.00%
1.100.5430 Legal	50,202	60,176	34,634	48,510	52,930	44,312	60,000	73.9%	60,000	0.00%
1.100.5431 Legal Costs Adv.	2,434	4,353	1,224	1,718	7,307	6,781	6,000	113.0%	6,500	8.33%
1.100.5460 Trustee Fees	7,772	12,008	13,198	15,795	17,425	6,600	15,800	41.8%	15,800	0.00%
1.100.5470 Computer Support	24,127	25,586	31,209	31,366	36,596	89,078	57,400	155.2%	69,060	20.31%
1.100.5480 Other Profess. Fees	2,125	3,950	0	0	0	0	0	#DIV/0!	0	#DIV/0!
1.100.5490 Prothonotary	0	0	0	0	0	0	0	#DIV/0!	0	#DIV/0!
1.100.5495 Management Expense	0	0	0	0	0	0	0	#DIV/0!	0	#DIV/0!
Total Professional Fees	145,947	173,493	140,325	153,354	168,209	197,192	210,230	93.8%	222,390	5.78%
Miscellaneous Expenses										
1.100.5500 Misc. Exp.	6,342	3,177	3,884	2,185	3,544	7,988	3,500	228.2%	3,500	0.00%
1.100.5510 Mileage Expense	290	463	361	435	418	372	480	77.5%	480	0.00%
1.100.5520 Advertising	2,794	1,814	5,346	5,924	4,634	7,831	4,500	174.0%	4,500	0.00%
1.100.5530 Public Relations	0	0	0	0	0	0	4,500	0.0%	4,500	0.00%
1.100.5540 Medical Exams	0	0	170	165	0	0	200	0.0%	200	0.00%
1.100.5550 First Aid Supplies	74	75	332	35	115	123	350	35.1%	350	0.00%
1.100.5560 Seminars & Training	3,984	2,518	3,492	711	1,900	1,760	4,500	39.1%	4,500	0.00%
1.100.5570 Dues & Subscriptions	4,484	4,616	3,935	3,533	4,316	5,719	4,700	121.7%	5,700	21.28%
1.100.5580 Petty Cash	235	240	265	0	293	242	300	80.7%	300	0.00%
1.100.5585 Banking Services Charges	1,675	2,810	3,264	2,235	2,914	5,273	3,000	175.8%	4,200	40.00%
Total Miscellaneous Expenses	19,878	15,713	21,049	15,223	18,134	29,308	26,030	112.6%	28,230	8.45%
GRAND TOTAL ADMINISTRATIVE	744,789	762,435	711,355	690,121	731,083	722,722	819,066	88.2%	840,966	2.67%
BOARD OF DIRECTORS										
Board of Director's Expenses										
1.200.5000 Salaries	6,000	6,000	6,000	5,900	5,600	5,565	6,000	92.8%	6,000	0.00%
1.200.5100 FICA	449	469	459	451	428	459	460	99.8%	460	0.00%
1.200.5160 PA Unemployment Comp.	0	0	0	0	0	38	150	25.3%	135	-10.00%
1.200.5170 PMAA U/C Insur.	162	162	159	148	140	150	0	#DIV/0!	150	#DIV/0!
1.200.5500 Miscellaneous Expense	843	1,088	875	1,066	866	1,144	1,200	95.3%	1,200	0.00%
1.200.5590 Conferences	2,061	71	90	154	90	0	2,300	0.0%	2,300	0.00%
GRAND TOTAL BOARD OF DIRECTORS	9,515	7,790	7,583	7,719	7,124	7,356	10,110	72.8%	10,245	1.34%
GENERAL SYSTEM EXPENSES										
Personnel Expenses										
1.400.5000 Salaries & Wages	908,564	898,579	954,643	897,837	952,023	886,988	1,051,652	84.3%	1,053,598	0.19%
1.400.5020 Reimb. Inspectors Wage/Bene.	0	0	0	0	0	0	0	#DIV/0!	0	0.00%
1.400.5100 FICA	68,201	70,976	71,031	67,549	69,249	65,178	80,451	81.0%	80,600	0.19%
1.400.5110 Hospitalization	273,870	294,569	275,455	289,838	305,485	266,394	309,000	86.2%	275,000	-11.00%
1.400.5120 Life Insurance	16,363	16,590	17,415	17,603	16,253	19,135	19,800	96.6%	19,800	0.00%
1.400.5130 Pension	72,789	62,353	59,438	59,512	75,708	40,024	73,616	54.4%	120,848	64.16%
1.400.5150 Workers Comp.Ins.	35,332	33,852	25,389	29,264	26,035	29,407	44,064	66.7%	44,146	0.19%
1.400.5160 PA Unemployment Comp.	0	0	0	0	0	4,295	0	#DIV/0!	3,949	#DIV/0!
1.400.5170 PMAA U/C Ins.	3,812	3,655	4,401	3,495	4,426	4,859	4,050	120.0%	4,500	11.11%
Total Personnel Expense	1,378,931	1,380,574	1,407,772	1,365,098	1,449,179	1,316,280	1,582,633	83.2%	1,602,441	1.25%
Miscellaneous										
1.400.5500 Miscellaneous Exp.	1,203	0	643	220	300	440	750	58.7%	750	0.00%
1.400.5510 Mileage	0	10	0	0	10	0	150	0.0%	150	0.00%

North Huntingdon Township Municipal Authority
Income, Expense, vs. 5 Year Budget Comparison - FY12 to Present FY17
FY2017 Budget \$0.00 per EDU Operating Increase

		Actual	Actual	Actual	Actual	Actual	*Not including J/E		YTD	PROPOSED FY17	Budget
		FY11	FY12	FY13	FY14	FY15	Est./Actual	BUDGET	% BUDGET	BUDGET	vs. FY17
							@ 04/30/16	FY16			Increase or
											Decrease
1.400.5530	Employee Relations	125	0	0	0	0	0	0	#DIV/0!	0	#DIV/0!
1.400.5540	Medical Exams	1,040	410	2,878	1,178	1,614	1,575	2,500	63.0%	2,500	0.00%
1.400.5550	First Aid Supplies	271	373	847	247	934	577	450	128.2%	450	0.00%
1.400.5560	Seminars & Training	12,030	9,712	9,049	11,679	7,120	14,525	17,500	83.0%	17,500	0.00%
1.400.5570	Dues & Subscriptions	1,000	1,202	1,488	1,707	1,707	1,835	1,720	106.7%	1,750	1.74%
1.400.5580	Petty Cash	387	708	755	167	501	423	600	70.5%	600	0.00%
1.400.5595	Uniforms & Shoes	7,281	8,744	10,756	7,786	6,332	10,643	8,700	122.3%	9,700	11.49%
1.400.5600	CDL/Operator License Reimb.	420	280	300	320	410	180	450	40.0%	450	0.00%
1.400.5610	PA One Calls	2,494	2,163	2,366	1,696	1,691	1,740	2,300	75.7%	2,300	0.00%
1.400.5630	Land Use Rental	0	0	484	0	498	0	490	0.0%	490	0.00%
Total Miscellaneous		26,251	23,602	29,566	25,000	21,152	31,938	35,610	89.7%	36,640	2.89%
General System Expenses											
1.400.6130	Fuel-Enginators (All)	4,838	5,168	2,955	6,866	0	2,032	7,000	29.0%	5,000	-28.57%
1.400.6150	Telephone-Mobile	2,161	2,181	3,495	2,568	2,984	2,401	2,900	82.8%	2,900	0.00%
1.400.6160	Insurance	99,847	105,749	104,144	109,081	109,958	121,258	122,200	99.2%	125,000	2.29%
1.400.6165	Equipment Rental	2,245	490	10,754	2,809	6,887	902	7,500	12.0%	7,500	0.00%
1.400.6170	Equip.R&M-All Stat.	20,440	19,021	22,653	28,026	15,417	4,797	25,000	19.2%	21,000	-16.00%
1.400.6175	Odor Control - All Stations	5,380	9,175	1,913	3,830	1,918	1,914	4,500	42.5%	3,000	-33.33%
1.400.6180	Operating Supplies	2,608	1,661	2,129	1,802	2,603	3,603	2,900	124.2%	4,000	37.93%
1.400.6300	Small Tools - General	2,131	2,537	3,174	1,844	2,781	3,573	2,950	121.1%	3,500	18.64%
1.400.6310	Non-Equip-Y.Sewers	4,831	4,756	8,342	18,417	20,158	18,990	18,000	105.5%	18,000	0.00%
1.400.6311	Flow Monitoring-Yough Sewers	0	0	42,720	0	375	0	0	#DIV/0!	0	#DIV/0!
1.400.6315	Non-Equip-BC Sew	1,899	1,844	3,334	13,592	23,354	4,761	11,000	43.3%	11,000	0.00%
1.400.6316	Flow Monitoring-BC Sewers	0	0	42,689	0	0	0	0	#DIV/0!	0	#DIV/0!
1.400.6320	Non-Equip-All Stat.	2,351	896	1,499	2,498	2,686	2,697	2,500	107.9%	2,500	0.00%
1.400.6329	Manhole Rehab.	338	0	156	759	1,863	3,094	4,000	77.4%	4,000	0.00%
1.400.6330	Safety Expense	4,054	5,706	1,404	2,146	1,222	2,171	3,000	72.4%	3,000	0.00%
1.400.6400	Property Repairs	0	359	4,491	0	175	350	500	70.0%	500	0.00%
Total General System Expenses		153,123	159,543	255,852	194,238	192,381	172,543	213,950	80.6%	210,900	-1.43%
Vehicles											
1.400.6201	Veh.R&M-#1 2006 GMC p/u	70	842	1,151	1,285	2,196	1,377	2,000	68.9%	2,000	0.00%
1.400.6202	Veh.R&M-#2 1996 Dump	335	100	3,008	825	3,327	273	1,000	27.3%	1,000	0.00%
1.400.6203	Veh.R&M-#3 2009 Colorado	625	715	645	402	391	1,266	2,000	63.3%	2,000	0.00%
1.400.6204	Veh.R&M-#4 2015 Peterbilt Jet	1,567	388	854	224	0	290	0	#DIV/0!	5,500	#DIV/0!
1.400.6205	Veh.R&M-#5 2006 IBAK TV	571	729	254	365	2,550	4,047	4,000	101.2%	4,000	0.00%
1.400.6206	Veh.R&M-#6 2004 Dump	369	1,370	541	573	591	380	1,000	38.0%	1,000	0.00%
1.400.6207	Veh.R&M-#7 2008 Colorado	565	1,064	1,103	628	849	597	1,500	39.8%	1,500	0.00%
1.400.6208	Veh.R&M-#8 2009 Colorado	54	811	784	477	1,258	306	1,500	20.4%	1,500	0.00%
1.400.6209	Veh.R&M-#9 2013 Chevy 2500HD	341	321	0	2,494	766	77	650	11.8%	650	0.00%
1.400.6210	Veh.R&M-#10 2015 Chevy 3500HD	1,382	100	173	2,147	633	442	1,000	44.2%	1,500	50.00%
1.400.6211	Veh.R&M-#11 2014 Ram Crane	4,138	6,129	4,708	649	193	744	1,000	74.4%	1,500	50.00%
1.400.6212	Veh.R&M-#12 2001 Vactor	4,827	1,107	2,686	1,752	2,296	161	0	#DIV/0!	0	#DIV/0!
1.400.6213	Veh.R&M-#13 2002 GMC Line	926	1,204	1,050	554	91	1,600	1,500	106.7%	1,500	0.00%
1.400.6214	Veh.R&M-#14 2012 Chevy Express	0	1,166	984	612	1,126	923	1,500	61.5%	1,500	0.00%
1.400.6215	Veh.R&M-Gasoline	16,187	18,003	20,278	22,151	17,793	12,113	22,000	55.1%	22,000	0.00%
1.400.6216	Veh.R&M-Supplies	1,093	1,248	1,254	1,966	1,997	2,531	1,975	128.2%	2,500	26.58%
1.400.6217	Veh.R&M-#17 Kubota Track	227	0	310	316	299	197	500	39.4%	500	0.00%
1.400.6218	Veh.R&M-Diesel Fuel	7,803	8,932	11,122	8,560	7,769	8,093	13,000	62.3%	13,000	0.00%
1.400.6219	Veh.R&M-#19 JCB	107	1,015	152	1,363	1,532	3,608	7,000	51.5%	1,500	-78.57%
1.400.6220	Veh.R&M-#20 Hudson Trailer	0	0	135	88	0	1,969	650	302.9%	650	0.00%
1.400.6221	Veh.R&M-#21 Case Skid Steer	0	0	77	43	107	955	2,500	38.2%	1,000	-60.00%
Total Vehicles		41,187	45,244	51,269	47,474	45,764	41,949	66,275	63.3%	66,300	0.04%
Purchased Sewage Treatment											
1.400.6331	WWMA-BC Res	1,092,989	1,098,009	1,193,399	1,375,947	1,389,297	1,455,500	1,394,789	104.4%	1,681,278	20.54%

North Huntingdon Township Municipal Authority
Income, Expense, vs. 5 Year Budget Comparison - FY12 to Present FY17
FY2017 Budget \$0.00 per EDU Operating Increase

	Actual FY11	Actual FY12	Actual FY13	Actual FY14	Actual FY15	*Not including J/E Est./Actual @ 04/30/16	BUDGET FY16	YTD % BUDGET	PROPOSED FY17 BUDGET	Budget FY16 vs. FY17 Increase or Decrease
1.400.6332 WWMA-AL Res	78,920	79,401	83,028	93,537	109,572	114,396	110,000	104.0%	114,968	4.52%
1.400.6333 WWMA-CH Res	130,891	130,891	141,611	163,051	163,051	167,084	164,997	101.3%	193,379	17.20%
1.400.6334 WWMA-BC Non-res	319,260	355,684	312,036	393,953	376,940	336,557	389,735	86.4%	411,248	5.52%
1.400.6335 WWMA-AL Non-res	25,566	24,451	25,783	27,563	11,970	10,458	28,265	37.0%	13,000	-54.01%
Total Purchased Sewage Treatment	1,647,626	1,688,436	1,755,857	2,054,051	2,050,830	2,083,995	2,087,786	99.8%	2,413,873	15.62%
GRAND TOTAL GENERAL SYSTEM EXPENSES	3,247,118	3,297,399	3,500,316	3,685,861	3,759,306	3,646,705	3,986,254	91.5%	4,330,153	8.63%
Yough Treatment Plant										
1.401.6100 Electric-Yough	56,350	51,360	47,856	50,713	47,432	52,244	54,500	95.9%	54,500	0.00%
1.401.6110 Gas-Yough	10,045	9,889	15,768	16,088	20,224	16,399	17,000	96.5%	17,000	0.00%
1.401.6120 Water-Yough	3,378	3,111	3,697	4,733	4,581	4,600	4,800	95.8%	6,000	25.00%
1.401.6125 Refuse Collection (80/mo.)	969	885	1,235	927	1,262	988	2,000	49.4%	2,000	0.00%
1.401.6140 Chemicals - Yough	5,563	8,112	8,209	8,007	7,417	10,983	11,900	92.3%	10,000	-15.97%
1.401.6150 Telephone/SCADA-Yough	3,767	1,564	1,711	1,778	1,770	1,802	2,600	69.3%	2,600	0.00%
1.401.6170 Equip.R&M-Yough	16,058	19,741	17,683	16,527	17,133	27,495	29,400	93.5%	27,400	-6.80%
1.401.6180 Oper.Supp.-Yough	2,146	4,343	3,379	2,589	5,334	5,993	4,450	134.7%	5,500	23.60%
1.401.6190 Lab Supplies	11,739	10,648	15,242	13,284	14,167	15,638	15,000	104.3%	16,500	10.00%
1.401.6300 Small Tools - Yough	527	476	822	372	755	102	1,650	6.2%	1,650	0.00%
1.401.6320 Non-Equip-Yough	3,459	6,595	5,199	6,767	4,221	8,445	6,600	128.0%	6,600	0.00%
1.401.6325 Sludge Disposal	32,991	35,774	44,885	29,781	36,644	45,976	42,000	109.5%	45,000	7.14%
1.401.6327 Sludge Dewatering	13,470	16,001	7,871	15,742	7,871	9,517	13,900	68.5%	13,900	0.00%
Total Yough Treatment Plant	160,462	168,499	173,557	167,308	168,811	200,182	205,800	97.3%	208,650	1.38%
Woodside Pump Station										
1.403.6100 Electric-Woodside	1,715	1,459	1,981	2,611	1,645	1,828	2,700	67.7%	2,700	0.00%
1.403.6110 Gas	0	0	0	0	0	0	0	#DIV/0!	0	
1.403.6120 Water	0	0	0	0	0	0	0	#DIV/0!	0	
1.403.6150 Telephone/SCADA	0	0	0	0	0	0	600	0.0%	600	0.00%
1.403.6170 Equip.R&M-Wood.	0	128	925	1,682	750	0	2,200	0.0%	2,200	0.00%
1.403.6180 Operating Supplies	0	0	0	0	0	0	20	0.0%	20	0.00%
1.403.6320 Non-Equip-Woodside	0	0	0	2,500	0	0	400	0.0%	400	0.00%
Total Woodside Pump Station	1,715	1,587	2,906	6,793	2,395	1,828	5,920	30.9%	5,920	0.00%
Hartford Heights Pump Station										
1.404.6100 Electric-Hartford Hts.	2,496	2,426	2,705	3,040	2,455	2,868	3,200	89.6%	3,200	0.00%
1.404.6110 Gas	0	0	0	0	0	0	0	#DIV/0!	0	
1.404.6120 Water	0	0	0	0	0	0	0	#DIV/0!	0	
1.404.6150 Telephone/SCADA	0	0	0	0	358	0	600	0.0%	600	0.00%
1.404.6170 Equip.R&M-Hart.Hts.	0	110	2,437	36	0	466	2,350	19.8%	2,350	0.00%
1.404.6180 Operating Supplies	0	0	0	0	0	0	20	0.0%	20	0.00%
1.404.6320 Non-Equip-Hart.Hts	0	58	0	2,200	0	0	400	0.0%	400	0.00%
Total Hartford Heights Pump Station	2,496	2,594	5,142	5,276	2,813	3,334	6,570	50.7%	6,570	0.00%
Thomas Street Pump Station										
1.405.6100 Electric-Thomas	1,638	1,482	1,585	1,776	1,511	2,047	1,900	107.7%	1,900	0.00%
1.405.6110 Gas	0	0	0	0	0	0	0	#DIV/0!	0	
1.405.6120 Water	0	0	0	0	0	0	0	#DIV/0!	0	
1.405.6150 Telephone/SCADA	0	0	0	0	0	0	600	0.0%	600	0.00%
1.405.6170 Equip.R&M-Thomas	424	0	5,883	0	0	0	3,500	0.0%	3,500	0.00%
1.405.6180 Operating Supplies	0	0	0	0	0	0	20	0.0%	20	0.00%
1.405.6320 Non-Equip-Thomas	0	0	0	2,200	0	0	400	0.0%	400	0.00%
Total Thomas Street Pump Station	2,062	1,482	7,468	3,976	1,511	2,047	6,420	31.9%	6,420	0.00%
Long Run Pump Station										

North Huntingdon Township Municipal Authority
Income, Expense, vs. 5 Year Budget Comparison - FY12 to Present FY17
FY2017 Budget \$0.00 per EDU Operating Increase

		Actual	Actual	Actual	Actual	Actual	*Not including J/E	BUDGET	YTD	PROPOSED FY17	Budget
		FY11	FY12	FY13	FY14	FY15	Est./Actual @ 04/30/16	FY16	% BUDGET	BUDGET	FY16 vs. FY17 Increase or Decrease
1.406.6100	Electric-Long Run	67,464	52,692	51,179	47,731	39,914	49,098	59,100	83.1%	59,100	0.00%
1.406.6110	Gas-Long Run	328	263	435	709	577	332	750	44.3%	750	0.00%
1.406.6120	Water-Long Run	4,213	5,225	1,320	1,657	1,794	1,923	4,400	43.7%	5,500	25.00%
1.406.6150	Telephone/SCADA	0	0	0	0	0	0	600	0.0%	600	0.00%
1.406.6170	Equip.R&M-Long Run	5,278	8,294	18,043	4,784	10,655	5,305	10,500	50.5%	25,000	138.10%
1.406.6180	Operating Supplies	0	0	0	0	0	0	50	0.0%	50	0.00%
1.406.6320	Non-Equip-Long Run	1,419	1,308	210	29	74	213	400	53.3%	400	0.00%
Total Long Run Pump Station		78,702	67,782	71,187	54,910	53,014	56,871	75,800	75.0%	91,400	20.58%
Stewartsville Pump Station											
1.407.6100	Electric-Stewartsville	18,488	18,754	17,774	17,985	15,940	17,349	20,000	86.7%	20,000	0.00%
1.407.6110	Gas	0	0	0	0	0	0	0	#DIV/0!	0	0.00%
1.407.6120	Water	377	1,019	1,167	1,279	932	1,250	1,180	105.9%	1,800	52.54%
1.407.6150	Telephone/SCADA	0	0	0	0	0	0	600	0.0%	600	0.00%
1.407.6170	Equip.R&M-Stew.	2,801	7,711	270	0	634	2,392	4,500	53.2%	4,500	0.00%
1.407.6180	Operating Supplies	0	0	0	0	0	0	50	0.0%	50	0.00%
1.407.6320	Non-Equip-Stew.	0	167	0	0	345	208	400	52.0%	400	0.00%
Total Stewartsville Pump Station		21,666	27,651	19,211	19,264	17,851	21,199	26,730	79.3%	27,350	2.32%
Highland Terrace Pump Station											
1.408.6100	Electric-High.Terr	8,560	8,908	8,262	9,011	8,019	8,712	9,100	95.7%	9,100	0.00%
1.408.6110	Gas	0	0	0	0	0	0	0	#DIV/0!	0	0.00%
1.408.6120	Water	0	0	0	0	0	0	0	#DIV/0!	0	0.00%
1.408.6150	Telephone/SCADA	0	0	0	0	0	0	600	0.0%	600	0.00%
1.408.6170	Equip.R&M-High.Ter.	0	153	1,271	14,151	848	63	3,000	2.1%	3,000	0.00%
1.408.6180	Operating Supplies	0	0	0	0	0	0	50	0.0%	50	0.00%
1.408.6320	Non-Equip-High.Terr.	166	2,492	166	2,730	0	130	400	32.5%	400	0.00%
Total Highland Terrace Pump Station		8,726	11,553	9,699	25,892	8,867	8,905	13,150	67.7%	13,150	0.00%
Indian Lake Pump Station											
1.410.6100	Electric-Indian Lk.	18,685	16,117	15,212	15,638	15,258	14,047	17,100	82.1%	17,100	0.00%
1.410.6110	Gas	0	0	0	0	0	0	0	#DIV/0!	0	0.00%
1.410.6120	Water-Indian Lk.	1,800	1,517	2,267	2,183	1,369	779	2,850	27.3%	2,850	0.00%
1.410.6150	Telephone/SCADA	0	0	0	0	0	0	600	0.0%	600	0.00%
1.410.6170	Equip.R&M-Indian Lk	4,153	416	2,593	4,164	3,141	765	6,000	12.8%	6,000	0.00%
1.410.6180	Oper.Supp.-Ind.Lk.	0	0	0	0	135	0	50	0.0%	50	0.00%
1.410.6320	Non-Equip-Indian Lk.	156	0	503	498	285	1,140	400	285.0%	400	0.00%
Total Indian Lake Pump Station		24,794	18,050	20,575	22,483	20,188	16,731	27,000	62.0%	27,000	0.00%
Falcon Ridge Pump Station											
1.412.6100	Electric-Falcon Ridge	2,800	2,260	3,590	3,347	2,800	3,236	3,750	86.3%	3,750	0.00%
1.412.6110	Gas-Falcon Ridge	554	253	264	299	332	267	650	41.1%	650	0.00%
1.412.6120	Water	0	0	0	0	0	0	0	#DIV/0!	0	#DIV/0!
1.412.6150	Telephone/SCADA	0	0	0	0	0	0	600	0.0%	600	0.00%
1.412.6170	Equip.R&M-Falcon R.	80	0	430	400	1,169	138	1,000	13.8%	1,000	0.00%
1.412.6180	Operating Supplies	0	0	0	0	0	0	50	0.0%	50	0.00%
1.412.6320	Non-Equip-Falc.Ridg	0	16	0	0	6	0	400	0.0%	400	0.00%
Total Falcon Ridge Pump Station		3,434	2,529	4,284	4,046	4,307	3,641	6,450	56.4%	6,450	0.00%
Larimer Pump Station											
1.415.6100	Electric-Larimer	1,408	1,337	1,217	1,435	1,079	1,413	1,575	89.7%	1,575	0.00%
1.415.6110	Gas	0	0	0	0	0	0	0	#DIV/0!	0	#DIV/0!
1.415.6120	Water	0	0	0	0	0	0	0	#DIV/0!	0	#DIV/0!
1.415.6150	Telephone/SCADA	0	0	0	0	0	0	600	0.0%	600	0.00%
1.415.6170	Equip.R&M-Larimer	24	249	1,480	0	645	0	3,000	0.0%	3,000	0.00%

North Huntingdon Township Municipal Authority
Income, Expense, vs. 5 Year Budget Comparison - FY12 to Present FY17
FY2017 Budget \$0.00 per EDU Operating Increase

	Actual FY11	Actual FY12	Actual FY13	Actual FY14	Actual FY15	*Not including J/E Est./Actual @ 04/30/16	BUDGET FY16	YTD % BUDGET	PROPOSED FY17 BUDGET	Budget FY16 vs. FY17 Increase or Decrease
1.415.6180 Operating Supplies	0	0	0	0	0	0	50	0.0%	50	0.00%
1.415.6320 Non-Equip-Larimer	0	0	0	2,200	12	69	400	17.3%	400	0.00%
Total Larimer Pump Station	1,432	1,586	2,697	3,635	1,736	1,482	5,625	26.3%	5,625	0.00%
Ardara Pump Station										
1.417.6100 Electric-Ardara	1,827	1,219	1,408	1,273	1,404	1,621	1,700	95.4%	1,700	0.00%
1.417.6110 Gas	487	415	347	499	378	273	600	45.5%	600	0.00%
1.417.6120 Water	234	142	151	177	177	429	270	158.9%	340	25.93%
1.417.6150 Telephone/SCADA	0	0	0	0	0	0	600	0.0%	600	0.00%
1.417.6170 Equip. R & M	0	0	0	0	0	0	500	0.0%	500	0.00%
1.417.6180 Operating Supplies	0	0	0	0	0	0	50	0.0%	50	0.00%
1.417.6320 Non-Equip-Ardara	0	0	0	0	255	412	400	103.0%	400	0.00%
Total Ardara Pump Station	2,548	1,776	1,906	1,949	2,214	2,735	4,120	66.4%	4,190	1.70%
Masters Pump Station										
1.418.6100 Electric-Masters	597	556	567	559	550	584	785	74.4%	785	0.00%
1.418.6110 Gas	718	388	529	635	476	320	800	40.0%	800	0.00%
1.418.6120 Water	142	142	151	177	177	190	270	70.4%	340	25.93%
1.418.6150 Telephone/SCADA	0	0	0	0	0	0	600	0.0%	600	0.00%
1.418.6170 Equip. R & M	0	0	113	0	0	0	500	0.0%	500	0.00%
1.418.6180 Operating Supplies	0	0	0	0	0	0	50	0.0%	50	0.00%
1.418.6320 Non-Equip-Masters	0	0	0	13	838	24	400	6.0%	400	0.00%
Total Masters Pump Station	1,457	1,086	1,360	1,384	2,041	1,118	3,405	32.8%	3,475	2.06%
Mountain Ridge Pump Station										
1.419.6100 Electric-Mountain Ridge	43	241	249	242	217	235	550	42.7%	550	0.00%
1.419.6110 Gas	184	488	714	739	569	377	750	50.3%	750	0.00%
1.419.6120 Water	20	142	151	177	177	190	270	70.4%	340	25.93%
1.419.6150 Telephone/SCADA	0	0	0	0	0	0	600	0.0%	600	0.00%
1.419.6170 Equip. R & M	0	23	0	0	376	452	500	90.4%	500	0.00%
1.419.6180 Operating Supplies	0	0	0	0	0	0	50	0.0%	50	0.00%
1.419.6320 Non-Equip-Mountain Ridge	834	0	0	0	0	326	400	81.5%	400	0.00%
Total Mtn. Ridge Pump Station	1,081	894	1,114	1,158	1,339	1,580	3,120	50.6%	3,190	2.24%
TV Truck										
1.505.6170 Equip.R&M-TV Truck	8,358	5,180	5,871	159	994	6,472	12,500	51.8%	12,500	0.00%
1.505.6180 Oper.Suppl.-TV truck	55	136	86	69	0	10	500	2.0%	500	0.00%
Total TV Truck	8,413	5,316	5,957	228	994	6,482	13,000	49.9%	13,000	0.00%
TV Lateral Inspection Equip										
1.507.6170 Equip.R&M-Lateral Insp.	5,447	3,538	1,368	6,445	3,931	2,775	6,700	41.4%	6,700	0.00%
1.507.6180 Oper.Suppl.-Lateral Insp.	262	296	436	85	0	0	300	0.0%	300	0.00%
Total TV Lateral Inspection Equip	5,709	3,834	1,804	6,530	3,931	2,775	7,000	39.6%	7,000	0.00%
Jet/Vacuum Truck										
1.512.6120 Water-Jet Truck	1,135	411	684	579	585	915	900	101.7%	900	0.00%
1.512.6170 Equip.R&M-Jet/Vacuum Truck	11,759	2,005	7,536	4,481	1,625	1,542	4,000	38.6%	4,000	0.00%
1.512.6180 Oper.Supp.-Jet/Vacuum Truck	36	0	0	144	0	0	500	0.0%	500	0.00%
Total Jet/Vacuum Truck	12,930	2,416	8,220	5,204	2,210	2,457	5,400	45.5%	5,400	0.00%
Flow Monitoring Equipment										
1.520.6170 Equip.R&M-Flow Mtr.	0	853	0	362	0	0	1,000	0.0%	1,000	0.00%
1.520.6180 Oper.Supp.-Flow Mtr.	503	641	160	897	0	0	750	0.0%	750	0.00%
Total Flow Monitoring Equipment	503	1,494	160	1,259	0	0	1,750	0.0%	1,750	0.00%

North Huntingdon Township Municipal Authority
Income, Expense, vs. 5 Year Budget Comparison - FY12 to Present FY17
FY2017 Budget \$0.00 per EDU Operating Increase

	Actual FY11	Actual FY12	Actual FY13	Actual FY14	Actual FY15	*Not including J/E Est./Actual @ 04/30/16	BUDGET FY16	YTD % BUDGET	PROPOSED FY17 BUDGET	Budget FY16 vs. FY17 Increase or Decrease
Other Expenses										
1.900.7000 Amortized Bond Disc.							0	#DIV/0!		
1.900.7010 Amortized Bond Exp.	868	25,793	25,793				0	#DIV/0!		
1.900.7013 Bond Remarketing Fee Exp.		13,155	11,756	10,273	8,738	7,064	7,070	99.9%	7,070	
1.900.7014 Bond Liquidity Fee Expense		0	121,054	47,581	41,579	35,367	48,600	72.8%	57,900	
1.900.7015 Int. Exp.-Def. Refunding Loss	37,624	25,083	25,083	25,083	0	0	0	#DIV/0!		
1.900.7020 Derivative Interest Expense	17,928	17,662	15,828	13,936	11,984	0	0	#DIV/0!		
1.900.7025 Interest - 2001 bonds (whole yr.)	502,951	0	0	0	0	0	0	#DIV/0!	0	
1.900.7030 Interest - 2011 Bonds (whole yr.)	0	550,431	430,328	421,500	356,721	297,764	299,693	99.4%	299,693	0.00%
1.900.7040 Interest - Pennvest 2 (whole yr.)	94,610	88,441	82,070	75,490	68,694	61,674	61,674	100.0%	54,423	-11.76%
1.900.7050 Interest - Garage Loan	43,944	40,544	36,685	33,006	29,053	24,956	24,956	100.0%	20,696	-17.07%
n/a Bond Int.-91 bonds								#DIV/0!		
2001 Bond Principal								#DIV/0!		
2011 Bond Principal	825,000	875,000	920,000	975,000	1,025,000	1,085,000	1,085,000	100.0%	1,140,000	5.07%
PennVest #2 Principal (*whole year)	187,746	193,915	200,285	206,866	213,662	220,682	220,682	100.0%	227,932	3.29%
Garage loan Principal	88,308	91,814	95,460	99,250	103,190	107,287	107,287	100.0%	111,547	3.97%
Total Other Expenses	1,798,979	1,921,838	1,964,342	1,907,985	1,858,621	1,839,794	1,854,962	99.2%	1,919,261	3.47%
Revenue Total	8,054,614	8,708,450	8,511,538	9,184,463	10,662,410	9,059,114	9,140,658	100.5%	9,593,001	4.95%
Administrative Expenses	744,789	762,435	711,355	690,121	731,083	722,722	819,066	84.3%	840,966	2.67%
Board of Director Expenses	9,515	7,790	7,583	7,719	7,124	7,356	10,110	76.4%	10,245	1.34%
System Expenses	3,585,248	3,617,528	3,837,563	4,017,157	4,053,528	3,980,072	4,403,514	91.2%	4,766,693	8.25%
Financial Expenses	697,925	761,109	748,597	626,869	516,769	426,825	441,993	141.8%	439,782	-0.50%
Bond/PennVest Principal	1,101,054	1,160,729	1,215,745	1,281,116	1,341,852	1,412,969	1,412,969	90.7%	1,479,479	4.71%
Capital Improv. YTD	1,461,648	1,577,947	1,730,515	1,872,071	2,045,606	2,089,386	2,045,607	91.5%	2,055,835	0.50%
Actual Cap.Imp. Transferred	1,558,000	1,659,000	1,924,000	2,272,500	3,085,000	1,892,000				
	As of 4/06/11	As of 04/03/12	As of 04/30/13	As of 04/30/13	As of 04/30/16	As of 03/14/16				
Revenue Over/Under Expense	454,435	820,912	260,180	689,410	1,966,448	419,784	7,399		0	
Total Revenues	8,054,614	8,708,450	8,511,538	9,184,463	10,662,410	9,059,114	9,140,658	100.5%	9,593,001	4.95%
Total Expenses	7,600,179	7,887,538	8,251,358	8,495,052	8,695,962	8,639,330	9,133,259	93.0%	9,593,001	5.03%
Unappropriated Rev.Fund Balance										
Net Difference	454,435	820,912	260,180	689,410	1,966,448	419,784	7,399	**	0	

**\$554,612 of misc rev.is developer sewer lines
FY12 actuals-not actual cash received

** (\$0.00) *FY17 Rate Increase
(\$0.00) *FY17 Rate Increase
(a negative = no increase)

** Billing is based on EDU's.