

**NORTH HUNTINGDON TOWNSHIP
MUNICIPAL AUTHORITY**

**Fiscal Year 2020 Budget and Annual Report
May 2019**

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 2020, it is determined that the existing monthly flat rate and the CIR surcharge are appropriate and adequate to cover the Authority's expenses and to allow for the continued funding of the Five Year Capital Plan. Hence, it is recommended that the monthly flat rate and CIR surcharge remain unchanged. It is recommended, however, that the Authority's Sewer Tap-In Fee be increased from \$4,400 to \$4,500.

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 2020.

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, 2019. 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 2019, 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 2018. 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.

In 2014, WWMA completed the engineering design of a three phase project to address the peak wet weather flows within the Brush Creek Drainage Basin. A summary of the project phases is as follows:

Phase 1 - 7.0 million gallon storage tank, influent pump station and miscellaneous plant improvements. Construction of Phase 1 is nearing completion with a total final estimated cost of \$31.5 million.

Phase 2 - Brush Creek Interceptor improvements. Construction of Phase 2 is ongoing and has an updated projected completion date of August 2020. The estimated cost of the project is \$16.0 million.

Phase 3 - Paintertown, Bushy Run and Manor Interceptor improvements. Construction of Phase 3 is anticipated to begin in summer 2020, with a projected completion date of 2022. The estimated cost of the project is \$10.5 million.

The NHTMA is 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. 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 (Phase I) 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.

In November 2017, as a requirement of the Phase I CO&A, NHTMA completed a Source Reduction Study to identify areas or sub-watersheds with high inflow & infiltration (I&I) rates. Major findings and lessons learned from the study include the importance of reducing I&I from both the public and private sewer system. NHTMA shall continue to work collaboratively with ALCOSAN, 3 Rivers Wet Weather, regulatory agencies and the other municipalities as the ALCOSAN Regional Wet Weather process continues. The Phase I CO&A expired on June 1, 2018. The next CO&A is expected by the end of 2019.

Figure 1

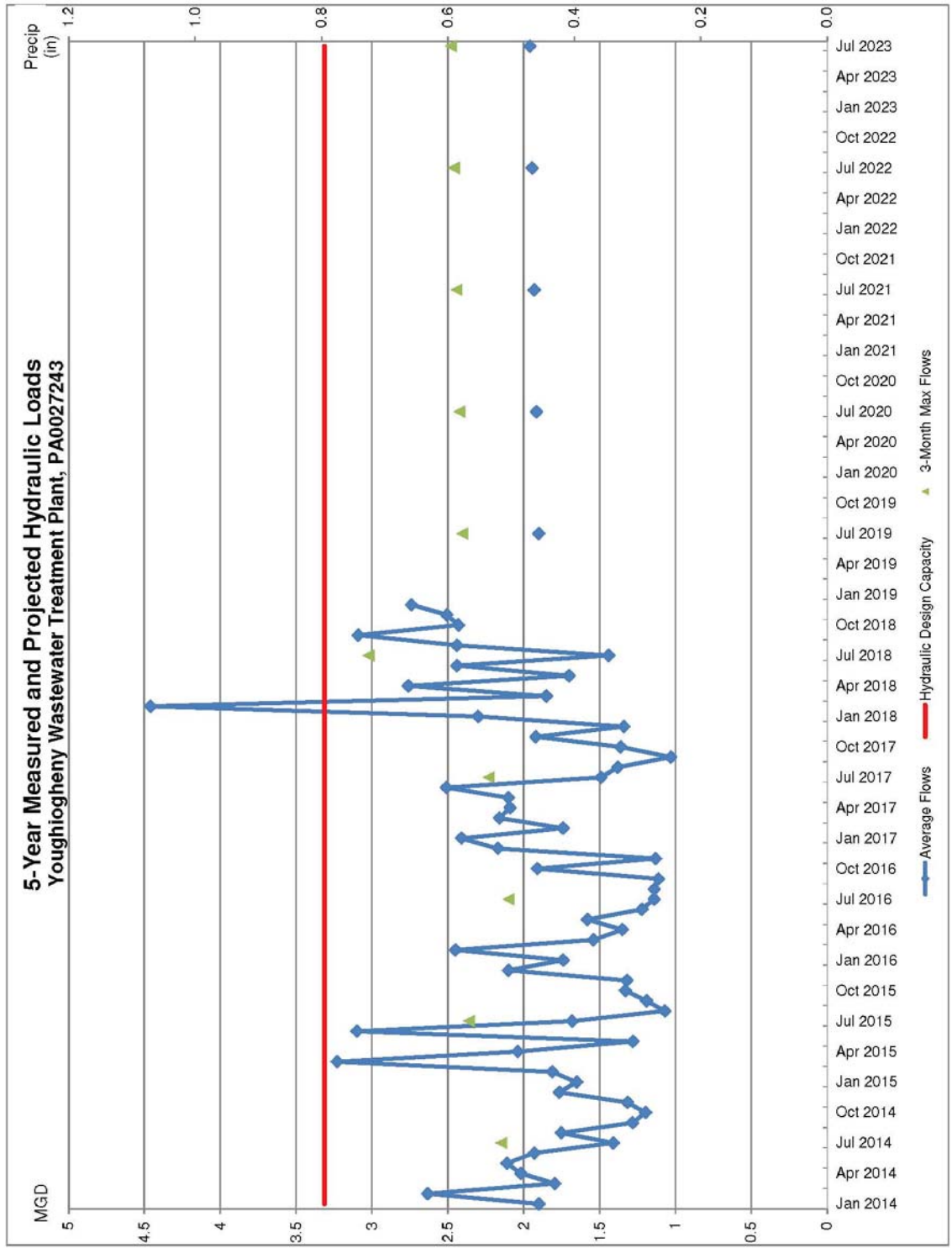
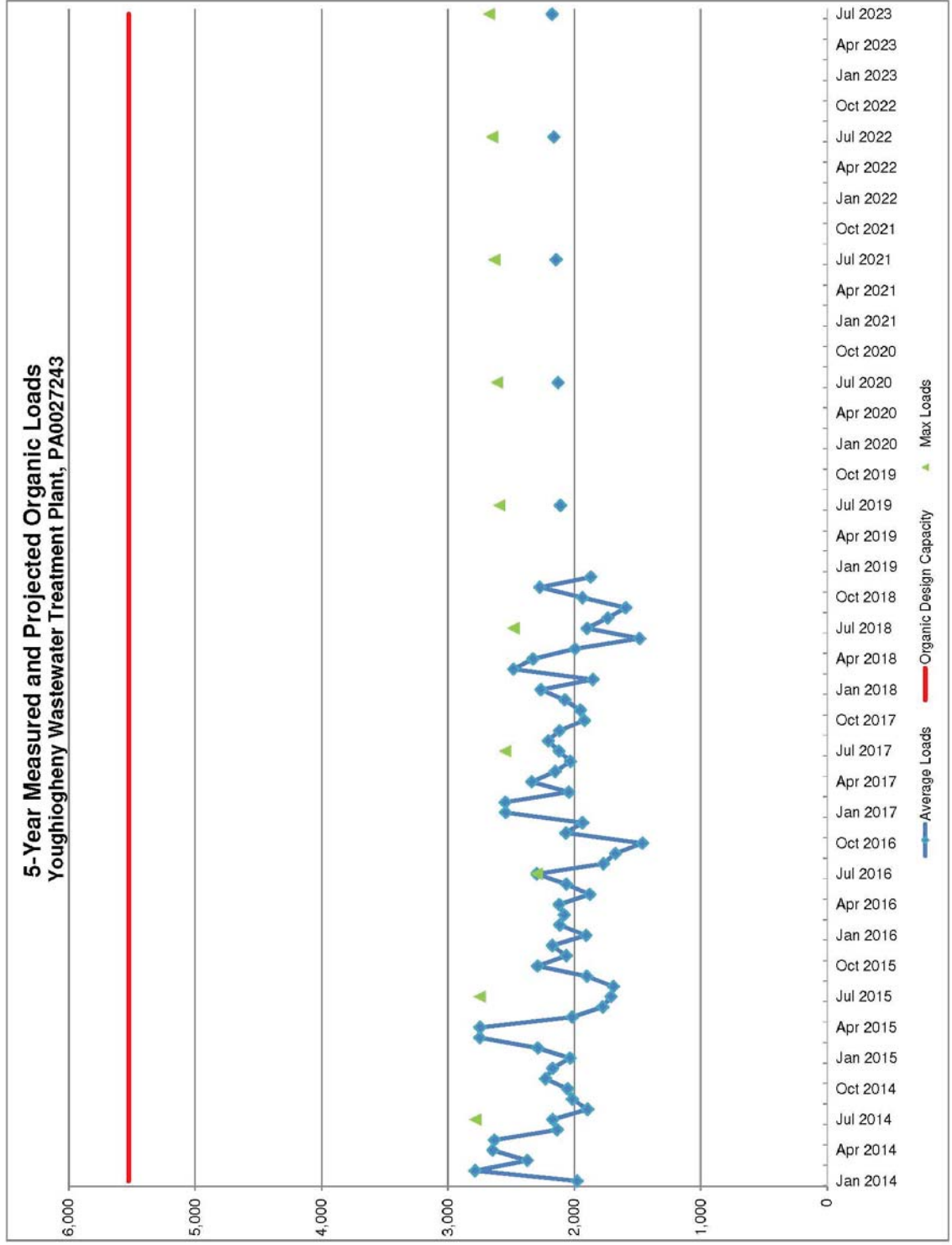


Figure 2



EXISTING AND PROJECTED SEWER CUSTOMERS

The Authority currently has approximately 12,262 residential and commercial customers accounting for 13,294 Equivalent Dwelling Units (EDUs). A total of 80 sewer permits were issued by the Authority in calendar year 2018 (50 in the Youghiogheny Drainage Area, 29 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 2020. 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 12/31/18	Drainage Basin	Year Connecting into System					Prepaid Tap Fees (Yes/No)
			2019	2020	2021	2022	2023	
Atwood (Stella De Oro)	5	Yough	1	1	1	1	1	N
Bella Mia	4	Yough	1	1	1	0	1	N
Brook Haven	42	BC	10	10	10	10	2	N
Cedar Glenn	6	BC	1	1	1	1	1	N
Dartmoor, Phase 3	8	Yough	2	2	2	2	0	N
Grandview Commons	12	Alcosan	2	2	2	2	2	Y
Huntingdon Marketplace	18	BC	10	8	0	0	0	N
Legends, Phase 3	19	BC	2	2	3	3	3	Y
McConnell Plan	10	BC	7	3	0	0	0	N
Mt. Ridge Estates	17	Yough	2	2	2	4	4	N
Oakton Manor	4	BC	2	1	1	0	0	Y
Redstone Colonial	27	Yough	4	4	4	4	4	N
St. George Estates	3	Yough	1	1	1	0	0	Y
Tuscan Hills Phase 1	1	Yough	1	0	0	0	0	N
Tuscan Hills Phase 2	16	Yough	16	0	0	0	0	N
Tuscan Hills Phase 3	25	Yough	2	18	5	0	0	N
Tuscan Hills Phase 4	33	Yough	0	0	13	18	2	N
Tuscan Hills Phase 5, 6	35	Yough	0	0	0	0	16	N
Walthour	2	BC	1	1	0	0	0	Y
Weber Estates	15	Yough	5	5	5	0	0	N
Willow Estates, Phase 1	17	Yough	3	3	3	3	3	N
Willow Estates, Phase 2	12	Yough	2	2	2	2	4	N
Willow Estates, Phase 3	10	Yough	2	2	2	2	2	N
Willow Estates, Phase 4	18	Yough	3	3	3	3	3	N
Willow Glenn Phase 1	15	Yough	1	1	1	4	3	N

(continued on next page)

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

Name	Vacant Lots as of 12/31/18	Drainage Basin	Year Connecting into System					Prepaid Tap Fees (Yes/No)
			2019	2020	2021	2022	2023	
Woodridge, Phase 1	4	Yough	1	1	1	1	0	Y
Woodridge, Phase 2	26	Yough	5	5	5	5	5	N
Miscellaneous:								
	15	Yough	3	3	3	3	3	N
	15	BC	3	3	3	3	3	N
Total			93	85	74	71	62	385
Prepaid			9	8	8	6	5	36
To Be Paid			84	77	66	65	57	349

Yough – 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 Operations & Compliance Supervisor, a Working Foreman, a Lab Supervisor, all four of which are certified operators, sixteen (16) 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 2024 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 2019 have been completed or are in the process of being completed. Those projects completed include the second phase of the Markvue Manor sanitary sewer replacement, the installation of gas monitoring equipment at the Stewartsville, Long Run and Indian Lake Pump Stations, and enhancements to the Authority's SCADA system. Those projects currently in progress or under contract include the third phase of the Markvue Manor sanitary sewer replacement, the construction of a personnel building, and the relocation of the Authority's administrative office to the Youghioghney WWTP. 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 15, 2019 is \$233,616.

STATUS OF FUNDS

The following is the status of funds as reported by the Authority as of April 30, 2019.

**TABLE 2
BALANCE OF FUNDS**

Funds held by the Authority:

<i>S&T Bank</i>	
Revenue Fund	\$ 339,540.89
Operating Account	\$ 90,340.55
Payroll Account	\$ 63,519.07
Penns Woods Account	\$ 5,027.49
Developer Escrow	\$ 166,196.12
PNC Premium Money Market	\$ 111,166.69
PLGIT Revenue Funds	\$ 540,107.08
PSDALF Revenue Fund	\$ <u>190,654.64</u>
Total Funds	\$ 1,506,552.53

Funds held by the Trustee:

2011 Debt Service Fund	\$ 175,932.01
2011 Capital Reserve	\$ 4,462,734.74
Insured SWAP Payment Fund (M&T)	\$ 3,164.36
2011 Clearing Fund	\$ <u>0.00</u>
Total Funds	\$ 4,641,831.11

ESTIMATED 2020 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 2020 Budget:

**TABLE 3
SUMMARY OF AUTHORITY FINANCES**

	FY 2019 Budget	Projected Total FY 2019	FY 2020 Budget
Revenues			
Sewer Rental Revenue	\$6,955,113	\$6,955,114	\$7,001,882
Cap. Infra. Repair Surcharge	2,080,372	2,100,265	2,091,606
Yearly Payment Discounts	(15,591)	(14,560)	(15,591)
Penalty Income	71,922	63,051	71,921
Tap-In Fees	440,000	341,918	448,300
Interest Income	11,523	87,222	11,388
Miscellaneous Revenue	263,260	355,881	240,460
Total Revenues	\$9,806,599	\$9,897,361	\$9,849,966
Expenses			
Administrative	875,248	793,702	948,710
Board of Directors	10,210	7,383	10,210
System-General	4,588,645	4,238,907	4,714,169
Yough Plant	208,850	194,659	219,250
Pump Stations	201,040	150,630	215,296
TV Truck/Lateral TV Insp.	15,500	5,252	15,500
Jet/Vacuum Truck	5,800	1,412	5,800
Flow Monitoring Equipment	1,750	0	1,750
Total Expenses	\$5,907,043	\$5,391,945	\$6,130,685
Net Revenues	\$3,899,556	\$4,505,416	\$3,719,281
2011 Bond Issue Interest	121,535	111,389	50,770
2011 Bond Issue Principal	1,260,000	1,260,000	957,917
Bond Remarketing/Liquidity Fee	35,510	40,126	35,510
2003 Pennvest Interest	39,200	39,200	31,211
2003 Pennvest Principal	243,155	243,155	251,144
2006 Garage Loan Interest	11,663	11,634	6,875
2006 Garage Loan Principal	120,581	120,581	125,369
Debt Service	\$1,831,644	\$1,826,085	\$1,458,796
Surplus*	\$2,067,912*	\$2,679,331*	\$2,260,485*

* Utilized to fund Capital Improvements Projects

The projected revenues in the amount of \$9,849,966 are adequate to meet the expenses and total debt service for Fiscal Year 2020.

Coverage Test – According to the 2011 Trust Indenture:

Calculated Coverage for the current year’s bond debt requirement for Fiscal Year 2020:

Net Revenues / Debt Service \$3,719,281 / \$1,458,796 = 255%

Required Coverage 110%

In reference to Table 3, the Authority’s projected expenditures for Fiscal Year 2020, including both operating expenses and debt service, total \$7,589,481. The Authority’s projected revenues for Fiscal Year 2020 total \$9,849,966 (\$7,758,360 generated through monthly sewer rentals and miscellaneous revenues and \$2,091,606 generated from the Authority’s CIR Surcharge.

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 2020 Revenues

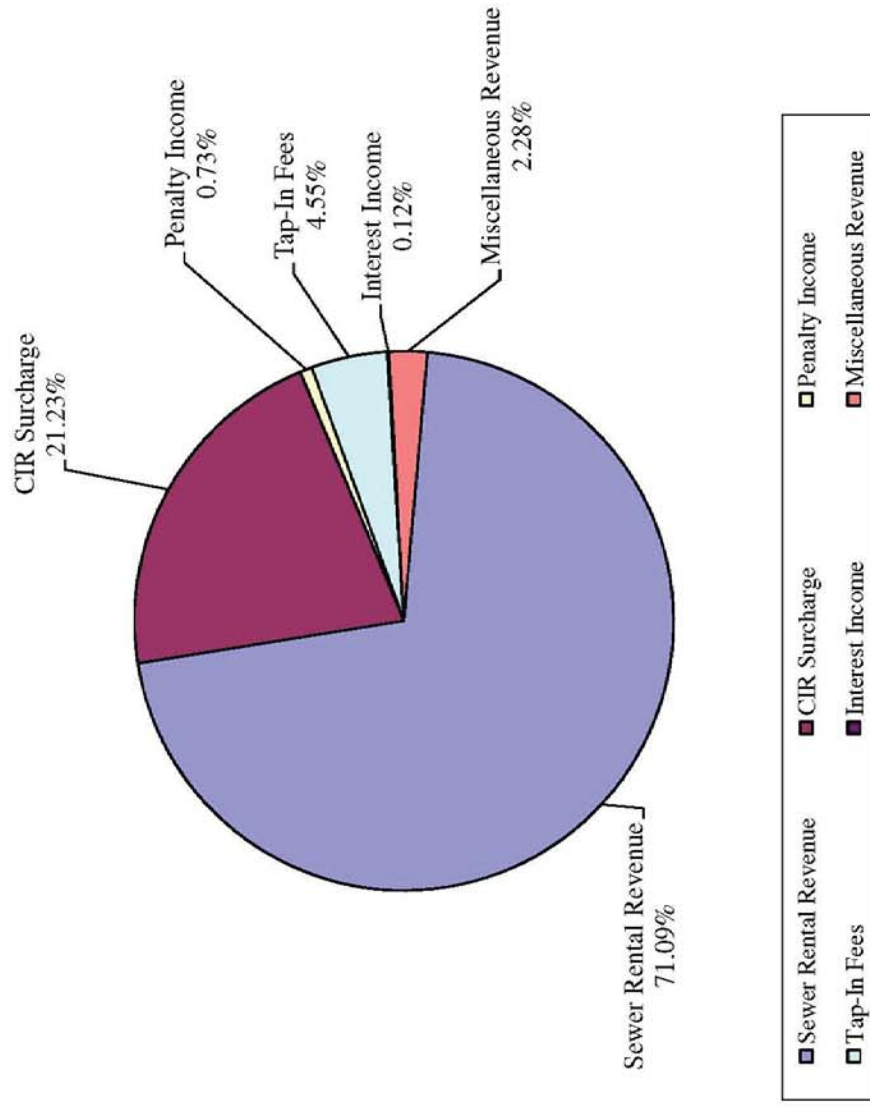


Figure 4

Projected Fiscal Year 2020 Expenditures

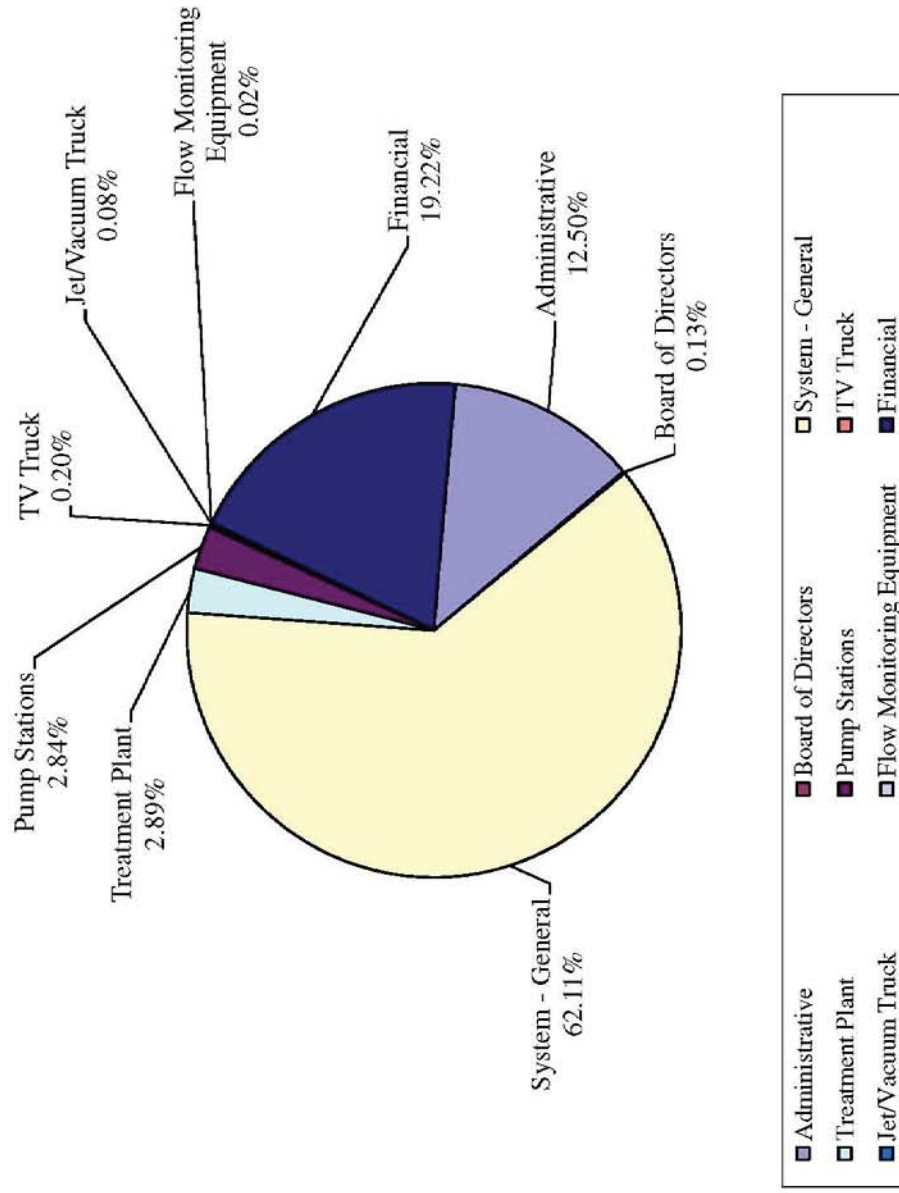
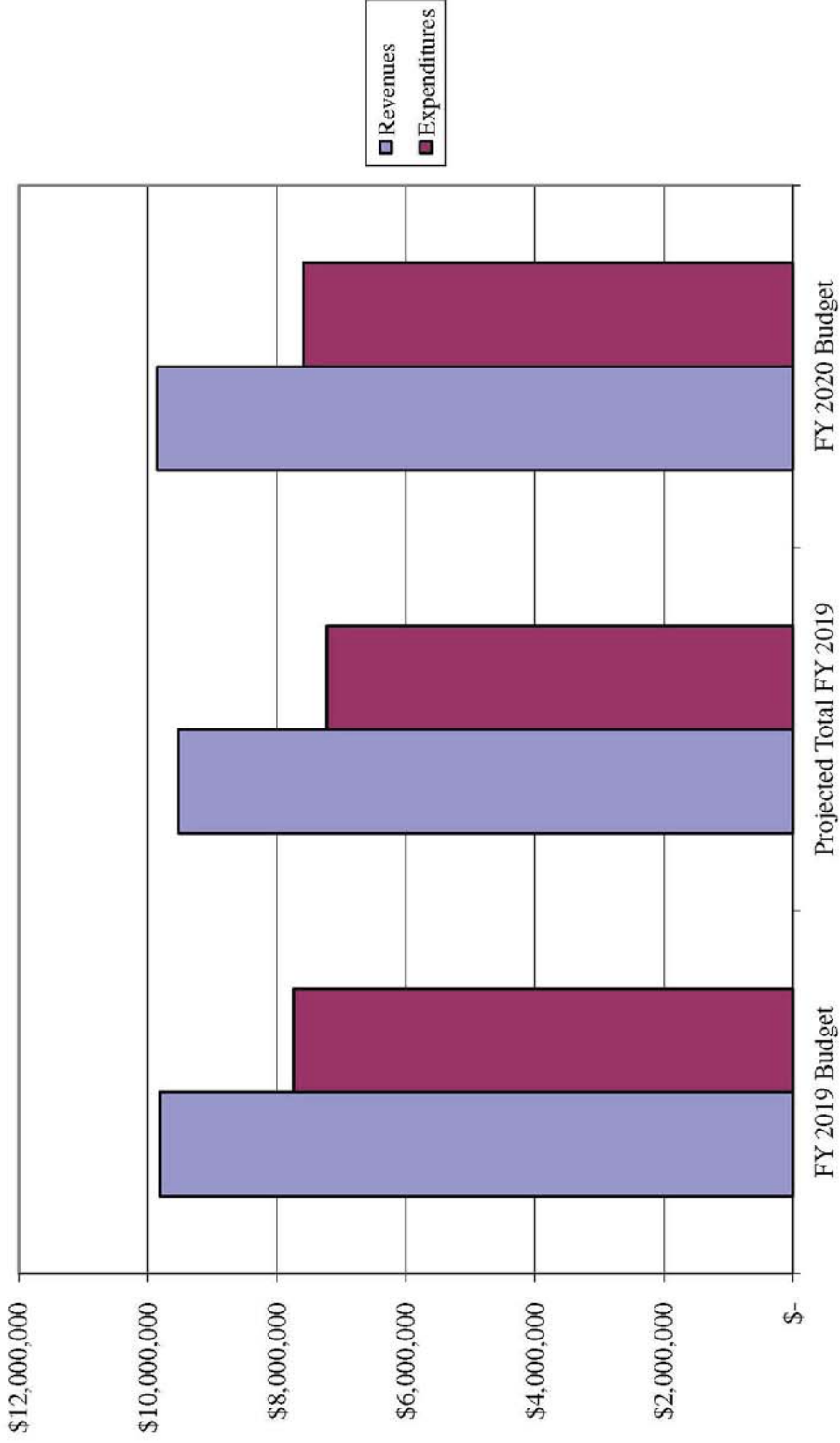


Figure 5

Summary of Operations



SEWER USE CHARGES

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

- Sewer Tap-In Fee = \$4,400 (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

After reviewing the Authority's current budget and the projected budget for Fiscal Year 2020, it is determined that no increase is required to the monthly flat rate. Furthermore, no increase is recommended to the CIR surcharge. It is recommended, however, that the Authority's Sewer Tap-In Fee be increased from \$4,400 to \$4,500.

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 2020. 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 2020, it is determined that the existing monthly flat rate and the CIR surcharge are appropriate and adequate to cover the Authority's expenses and to allow for the continued funding of the Five Year Capital Plan. Hence, it is recommended that the monthly flat rate and CIR surcharge remain unchanged. It is recommended, however, that the Authority's Sewer Tap-In Fee be increased from \$4,400 to \$4,500.

ACKNOWLEDGEMENTS

The members of the North Huntingdon Township Municipal Authority Board of Directors, as of May 2019, and the expiration dates of their current terms are:

Robert Merda, Chairman	12-31-19
Chuck Denning, Vice-Chairman	12-31-22
Thomas L. Hempel, Treasurer	12-31-20
William H. Miller, Secretary	12-31-21
Raymond Rush, Assistant Secretary/Treasurer	12-31-23

APPENDIX 1

UPDATED FIVE YEAR CAPITAL PLAN AND REVENUE PROJECTIONS

**NORTH HUNTINGDON TOWNSHIP MUNICIPAL AUTHORITY
FIVE YEAR CAPITAL PLAN (UPDATED May 6, 2019)
TABLE FY-I - WASTEWATER TREATMENT
SUMMARY OF REQUIRED CAPITAL PER FISCAL YEAR**

Proposed Project	Total FY 2019 Cost Estimate	FISCAL YEAR					
		2019	2020	2021	2022	2023	2024
Secondary Clarifier Chain/Trickling Filter	\$ 25,000		\$ 25,000				
Website Design	\$ 6,000	\$ 6,000					
Yough WWTP Office Equipment & Computers	\$ 24,500	\$ 7,000	\$ 3,500	\$ 3,500	\$ 3,500	\$ 3,500	\$ 3,500
Administration & Personnel Bldg Construction	\$ 5,250,000	\$ 500,000	\$ 3,750,000	\$ 750,000			
Administration Building Furnishings	\$ 100,000		\$ 50,000	\$ 50,000			
Personnel Building Furnishings	\$ 100,000		\$ 50,000	\$ 50,000			
Laboratory Equipment	\$ 50,000		\$ 25,000	\$ 25,000			
3/4 Ton Utility Truck	\$ 40,100	\$ 35,778					
1/2 Ton Utility Truck	\$ 35,000		\$ 35,000				
TV Sewer Lateral Inspection Equipment	\$ 72,000	\$ 12,000	\$ 12,000	\$ 12,000	\$ 12,000	\$ 12,000	\$ 12,000
Replace TV Truck	\$ 293,550	\$ 237,368					
General Fund Items	\$ 75,000		\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000
Equipment Replacement Allowance	\$ 100,000		\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000
Total Project Cost Per Year		\$ 798,146	\$ 4,005,500	\$ 945,500	\$ 70,500	\$ 70,500	\$ 70,500
Total Project Cost Per Year (Rounded)		\$ 799,000	\$ 4,006,000	\$ 946,000	\$ 71,000	\$ 71,000	\$ 71,000
Total Dollars Spent Over 6 Years	\$ 5,964,000						

Completed Current Project Revised New Project

**NORTH HUNTINGDON TOWNSHIP MUNICIPAL AUTHORITY
FIVE YEAR CAPITAL PLAN (UPDATED May 6, 2019)
TABLE FY-II - WASTEWATER CONVEYANCE SYSTEM
SUMMARY OF REQUIRED CAPITAL PER FISCAL YEAR**

Proposed Project	Total FY 2019 Cost Estimate	Fiscal Year					
		2019	2020	2021	2022	2023	2024
General I/I Program							
MarkVue Manor Sewer Replacement 2	\$ 850,000	\$ 953,540					
MarkVue Manor Sewer Replacement 3	\$ 1,100,000	\$ 1,000,000					
Route 993/NCAA Ballfield Sewer Realignment	\$ 100,000	\$ 90,000					
Peachtree Lane Landslide Sewer Realignment	\$ 250,000	\$ 240,000					
Five Pines Phase 1	\$ 980,000	\$ 80,000	\$ 900,000				
Five Pines Phase 2	\$ 1,090,000		\$ 90,000	\$ 1,000,000			
Five Pines Phase 3	\$ 1,100,000			\$ 100,000	\$ 1,000,000		
Gurffey Interceptor / Park Meadows	\$ 2,500,000				\$ 1,000,000	\$ 1,800,000	
Brush Creek - Larimer Interceptor	\$ 1,250,000					\$ 100,000	
Brush Creek - Lower Tinkers Run Interceptor*	\$ 1,273,000					\$ 50,000	
Niagara/Colonial Manor/Richard Spot Repairs	\$ 100,000	\$ 100,000					
C.I.P. Lining (School/Markvue Manor)	\$ 150,000	\$ 150,000					
Purchase of Ardara-Cavittsville Interceptor	\$ 220,000	\$ 220,000					
ALCOSAN							
Regionalization Repairs	\$ 125,000	\$ 125,000					
Pump Stations (All)							
Gas Monitors/Confined Space Equipment	\$ 133,900	\$ 133,900					
SCADA Enhancements (WWTP/Long Run)	\$ 50,000	\$ 50,000					
Pump Stations (General)							
Replace Raw Sewage Pumps	\$ 250,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	
Highland Terrace Pump Station							
Replace Pump Station (Smith & Loveless)	\$ 650,000	\$ 100,000	\$ 550,000				
Hartford Heights Pump Station							
Replace Pump Station (Submersible Pumps)	\$ 650,000			\$ 100,000	550,000		
Ardara/Masters Pump Stations							
Replace Grinder Pumps	\$ 53,000	\$ 25,750		\$ 28,000			
Falcon Ridge Pump Station							
Pump Station Improvements	\$ 500,000	\$ 85,000	\$ 415,000				
Replace Force Main	\$ 250,000	\$ 250,000					
Total Project Cost Per Year		\$ 1,318,190	\$ 2,720,000	\$ 1,740,000	\$ 1,278,000	\$ 2,600,000	\$ 2,000,000
Total Project Cost Per Year (Rounded)		\$ 1,319,000	\$ 2,720,000	\$ 1,740,000	\$ 1,278,000	\$ 2,600,000	\$ 2,000,000
Total Dollars Spent Over 6 Years	\$ 11,657,000						

* Preliminary design only

Completed Current Project Revised New Project

NORTH HUNTINGDON TOWNSHIP MUNICIPAL AUTHORITY
FIVE YEAR CAPITAL PLAN (UPDATED May 6, 2019)
TABLE D - PROJECTED REVENUE AND CAPITAL REQUIREMENTS
FISCAL YEARS 2020 Thru 2024

	YEAR				
	2020	2021	2022	2023	2024
Operating Expenses	6,037,475	6,218,599	6,405,157	6,597,312	6,795,231
Existing Bond Issue Debt Service Expenses	1,008,687	-	-	-	-
Swaption Letter of Credit Expense ¹	35,510	-	-	-	-
2003 PennVest Loan ²	282,355	282,355	282,355	282,355	282,355
Office/Garage Loan ²	132,244	110,203	-	-	-
TOTAL REVENUE REQUIREMENTS	7,496,271	6,611,157	6,687,512	6,879,667	7,077,586
Operating Revenue	7,001,882	7,043,893	7,086,157	7,128,674	7,171,446
Operating Revenue - Tap-ins and Saddles ³	440,000	352,000	352,000	352,000	352,000
Operating Revenue-Other Sources ⁴	316,066	278,352	280,023	281,703	283,393
Operating Revenue - From CIR Surcharge	2,091,606	2,104,986	2,118,366	2,131,745	2,145,125
Operating Revenue - CIR Transfer Out	(2,091,606)	(2,104,986)	(2,118,366)	(2,131,745)	(2,145,125)
TOTAL REVENUE AVAILABLE	7,757,948	7,674,246	7,718,179	7,762,376	7,806,838
REVENUE RESIDUAL(DEFICIT)(RRD)	261,677	1,063,088	1,030,667	882,709	729,252
RRD AS % OF TOTAL REVENUE	3.37%	13.85%	13.35%	11.37%	9.34%
BEGINNING CAPITAL BALANCE⁵	4,458,183	585,966	5,452	775,317	236,563
Capital Project Revenue Sources					
CIR Surcharge Revenue Generated	2,091,606	2,104,986	2,118,366	2,131,745	2,145,125
PLGIT Revenue Fund	500,000				
Revenue Residual(Deficit)	261,677	0	0	0	0
Subtotal Capital Project Revenue	2,853,283	2,104,986	2,118,366	2,131,745	2,145,125
TOTAL FUNDS AVAILABLE	7,311,466	2,690,952	2,123,817	2,907,063	2,381,688
CAPITAL PROJECT EXPENDITURES	6,725,500	2,685,500	1,348,500	2,670,500	2,070,500
ENDING CAPITAL BALANCE	585,966	5,452	775,317	236,563	311,188

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 FY2020	13,300
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 80 EDUS in FY2020 - 2024.

⁴ Includes Penalty Income, Interest Income, and Miscellaneous Revenue less Yearly Payment Discounts & unappropriated Revenues over Expenditures FY20

⁵ Capital Reserve as of 04/30/19

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
	88,441.33	193,914.11	282,355.44	
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
	82,070.37	200,285.07	282,355.44	
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
	75,399.09	206,865.35	282,264.44	

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 - FY15 to Present FY20
FY2020 Budget \$0.00 per EDU Operating Increase

*Not including J/E

	Actual FY15	Actual FY16	Actual FY17	Actual FY18	Est./Actual @ 4/30/19	BUDGET FY19	YTD % BUDGET	PROPOSED FY20 BUDGET	Budget FY19 vs. FY20 Increase or Decrease
REVENUE									
Sewage Rental Revenue									
1.000.4010 Sewer Rentals-R1,R2,R3 BC	2,420,305	2,414,575	2,576,600	2,608,053	2,617,259	2,605,070	100.5%	2,619,137	0.54%
1.000.4020 Sewer Rentals-R4,R6,R8 Y	1,233,151	1,244,098	1,317,521	1,345,567	1,353,975	1,336,579	101.3%	1,343,797	0.54%
1.000.4030 Sewer Rentals-R5 Y	1,847,212	1,854,435	1,968,946	2,006,738	2,015,531	2,002,142	100.7%	2,012,954	0.54%
1.000.4040 Sewer Rentals-Q1 BC	155,127	147,681	150,096	151,852	154,643	168,138	92.0%	169,046	0.54%
1.000.4045 Sewer Rentals-Q2 Y	19,739	22,115	22,478	21,599	21,551	21,396	100.7%	21,512	0.54%
1.000.4050 Sewer Rentals-Q3 BC	48,346	42,840	49,643	52,160	52,641	52,402	100.5%	52,685	0.54%
1.000.4055 Sewer Rentals-Q4 Y	128,063	121,817	123,889	129,088	125,306	138,804	90.3%	139,554	0.54%
1.000.4060 Sewer Rentals-Q5 BC	6,321	6,407	6,833	6,846	8,104	6,852	118.3%	6,889	0.54%
1.000.4065 Sewer Rentals-Q6 Y	24,513	23,132	24,173	24,890	26,929	26,569	101.4%	26,712	0.54%
1.000.4070 Sewer Rentals-M1,M3 BC	377,248	414,203	422,446	418,671	400,490	408,889	97.9%	411,097	0.54%
1.000.4075 Sewer Rentals-M2,M4 Y	173,703	172,265	168,633	177,815	185,375	188,273	98.5%	189,290	0.54%
1.000.4080 Capital Improvements	2,045,606	2,089,366	2,090,821	2,102,834	2,100,265	2,080,372	101.0%	2,091,606	0.54%
1.000.4090 FOG Permit Fees					1,780	0	#DIV/0!	9,210	#DIV/0!
Total Rental Revenue	8,479,334	8,552,954	8,922,079	9,046,113	9,063,849	9,035,486	100.3%	9,093,488	0.64%
Yearly Payment Discounts									
1.000.4110 Yearly Pmt. Disc.-R1,R2,R3 BC	(9,389)	(6,553)	(7,461)	(6,692)	(6,527)	(6,930)	94.2%	(6,930)	0.00%
1.000.4120 Yearly Pmt. Disc.-R4,R6,R8 Y	(2,573)	(3,847)	(3,759)	(3,587)	(3,577)	(3,724)	96.1%	(3,724)	0.00%
1.000.4130 Yearly Pmt. Disc.-R5 Y	(3,480)	(5,177)	(5,265)	(4,871)	(4,456)	(4,937)	90.3%	(4,937)	0.00%
Total Yearly Discounts	(15,442)	(15,577)	(16,485)	(15,150)	(14,560)	(15,591)	93.4%	(15,591)	0.00%
Penalty Income									
1.000.4210 Penalty Income-R1,R2,R3 BC	31,182	28,504	28,133	28,408	27,464	31,554	87.0%	31,554	0.00%
1.000.4220 Penalty Income-R4,R6,R8 Y	12,579	12,798	13,165	11,919	12,418	12,729	97.6%	12,729	0.00%
1.000.4230 Penalty Income-R5 Y	21,181	18,136	16,865	20,135	17,514	21,434	81.7%	21,434	0.00%
1.000.4240 Penalty Income-Q1 BC	902	1,085	1,257	1,190	1,166	912	127.9%	912	0.00%
1.000.4245 Penalty Income-Q2 Y	119	228	97	139	101	121	83.5%	121	0.00%
1.000.4250 Penalty Income-Q3 BC	411	409	639	778	621	415	149.6%	415	0.00%
1.000.4255 Penalty Income-Q4 Y	896	547	823	1,258	1,536	906	169.5%	906	0.00%
1.000.4260 Penalty Income-Q5 BC	151	76	92	92	26	153	17.0%	153	0.00%
1.000.4265 Penalty Income-Q6 Y	347	145	67	132	159	351	45.3%	351	0.00%
1.000.4270 Penalty Income-M1,M3 BC	2,281	979	1,243	1,143	1,239	2,308	53.7%	2,308	0.00%
1.000.4275 Penalty Income-M2,M4 Y	1,026	(72)	785	391	807	1,038	77.7%	1,038	0.00%
Total Penalty Income	71,075	62,835	63,134	65,555	63,051	71,921	87.7%	71,921	0.00%
TOTAL SEWAGE REVENUES	8,534,967	8,600,212	8,988,728	9,096,548	9,112,340	9,091,816	100.2%	9,149,818	0.64%
New Construction Tap-Ins									
1.000.4310 Yough	199,974	58,000	83,135	99,985	219,800	220,000	99.9%	224,150	1.89%
1.000.4315 Brush Creek	272,114	65,235	62,035	125,975	122,118	220,000	55.5%	224,150	1.89%
1.000.4315 Tap Refund	0	0	(54,442)	(53,819)	0	0	#DIV/0!	0	#DIV/0!
Total Tap-Ins	472,088	123,235	90,728	172,141	341,918	440,000	77.7%	448,300	1.89%
Interest Income									
1.000.4401 Yough Assess.	195	46	0	0	0	0		0	#DIV/0!
1.000.4402 BC Assess	(1,574)	634	1,553	(3,661)	(2,606)	870	-299.5%	735	-15.52%
1.000.4403 Faulknerville Assess	35	11	0	0	0	0	#DIV/0!	0	#DIV/0!
1.000.4404 Act 537 Assess	365	122	0	0	0	0	#DIV/0!	0	#DIV/0!
1.000.4405 Ardara/Masters Assess	0	0	0	0	0	0	#DIV/0!	0	#DIV/0!
1.000.4407 Lien Interest	0	5,027	3,056	4,604	5,141	3,500	146.9%	3,500	0.00%

North Huntingdon Township Municipal Authority
Income, Expense, vs. 5 Year Budget Comparison - FY15 to Present FY20
FY2020 Budget \$0.00 per EDU Operating Increase

*Not including J/E

	Actual FY15	Actual FY16	Actual FY17	Actual FY18	Est./Actual @ 4/30/19	BUDGET FY19	YTD % BUDGET	PROPOSED FY20 BUDGET	Budget FY19 vs. FY20 Increase or Decrease
1.000.4412 PW Account	0	0	2	2	23	0	#DIV/0!	0	#DIV/0!
1.000.4416 Developers Escrow	4	1	0	0	0	0	#DIV/0!	0	#DIV/0!
1.000.4422 Operating	9	11	10	13	318	8	3975.0%	8	0.00%
1.000.4424 Payroll	1	1	2	2	45	2	2250.0%	2	0.00%
1.000.4426 Revenue Funds	1,142	2,564	3,802	6,211	26,448	3,500	755.7%	3,500	0.00%
1.000.4438 Ardara/Masters Escr	0	0	0	0	0	0	#DIV/0!	0	#DIV/0!
1.000.4440 PNC Premium Money Mkt	44	25	67	385	1,015	95	1068.4%	95	0.00%
1.000.4450 Insured Swap Payment Fund	0	1	2	5	11	1	1100.0%	1	0.00%
1.000.4460 Construction-	0	0	0	0	0	0	#DIV/0!	0	#DIV/0!
1.000.4470 Debt Svc-M&T	57	743	394	3,922	9,301	47	19789.4%	47	0.00%
1.000.4480 Capital Res-M&T	285	1,615	3,335	16,523	47,526	3,500	1357.9%	3,500	0.00%
Total Interest Income	563	10,801	12,223	28,006	87,222	11,523	756.9%	11,388	-1.17%
Miscellaneous Revenue									
1.000.4501 Miscellaneous	26,100	57,291	24,379	11,705	56,609	40,300	140.5%	25,000	-37.97%
1.000.4503 Dye Test/Lateral Insp. Rev.	76,420	106,980	111,340	103,030	101,530	107,000	94.9%	98,000	-8.41%
1.000.4504 No-lien letter Rev.	16,480	18,458	18,510	17,940	19,290	17,900	107.8%	17,900	0.00%
1.000.4505 TV/Net Rev	1,656	0	0	0	0	0	#DIV/0!	0	#DIV/0!
1.000.4507 Certified/NSF Chg.	28,276	26,189	29,106	28,786	27,543	25,000	110.2%	25,000	0.00%
1.000.4510 WWMA	565	0	1,286	660	687	560	122.7%	560	0.00%
1.000.4513 Act 339 Subsidy	0	0	0	0	0	0	#DIV/0!	0	#DIV/0!
1.000.4515 Lien & Svc Fees	15,920	17,181	13,477	13,754	14,086	12,000	117.4%	13,500	12.50%
1.000.4520 Contributed Capital	1,393,509	491,174	247,424	524,126	0	0	#DIV/0!	0	#DIV/0!
1.000.4525 Assessment Tap-In Fees	0	0	1,002	887	0	0	#DIV/0!	0	#DIV/0!
1.000.4530 Capitalized Wages/Benefits	93,616	97,494	91,111	47,725	57,476	60,000	95.8%	60,000	0.00%
1.000.4560 Gains on Sale	2,250	0	0	0	78,660	500	15732.0%	500	0.00%
Total Miscellaneous	1,654,792	814,767	537,635	748,613	355,881	263,260	135.2%	240,460	-8.66%
GRAND TOTAL REVENUES	10,662,410	9,549,015	9,609,314	10,045,308	9,897,361	9,806,599	100.9%	9,849,966	0.44%
ADMINISTRATIVE EXPENSES									
Personnel Expense									
1.100.5000 Salaries & Wages	309,876	322,199	336,238	340,166	351,427	370,644	94.8%	393,478	6.16%
1.100.5100 FICA	22,616	23,639	24,117	24,766	25,540	28,354	90.1%	30,101	6.16%
1.100.5110 Hospitalization	101,901	85,478	95,143	82,053	82,626	89,587	92.2%	123,043	37.34%
1.100.5120 Life & Disability Insurance	4,702	6,879	7,300	7,180	7,659	7,740	99.0%	7,925	2.39%
1.100.5130 Pension	26,001	(22,530)	39,598	40,724	43,918	44,811	98.0%	57,212	27.67%
1.100.5140 Actuary	680	740	800	820	820	800	102.5%	950	18.75%
1.100.5150 Workers Comp. Ins.	535	477	379	862	332	852	38.9%	333	-60.94%
1.100.5160 PA Unempl. Insurance	0	1,405	0	0	0	0	#DIV/0!	0	#DIV/0!
1.100.5170 PMAA Unemp.Ins.	1,750	1,425	1,463	1,708	1,573	1,500	104.9%	1,500	0.00%
Total Personnel Expenses	468,061	419,712	505,038	498,279	513,895	544,289	94.4%	614,542	12.91%
Office Expenses									
1.100.5200 Rent	23,192	21,408	19,624	21,408	19,624	21,450	91.5%	21,450	0.00%
1.100.5210 Office Supplies	12,385	10,532	6,674	6,083	5,166	8,000	64.6%	8,000	0.00%
1.100.5220 Office Postage	2,776	1,878	5,286	2,942	3,138	3,850	81.5%	3,850	0.00%
1.100.5240 Billing Supplies	3,827	7,904	2,916	4,078	4,226	4,400	96.0%	4,400	0.00%
1.100.5245 Billing Postage	25,382	23,251	25,293	22,817	22,937	26,000	88.2%	26,000	0.00%
1.100.5248 Water Readings	492	61	179	494	422	850	49.6%	850	0.00%
1.100.5250 Telephone	2,669	2,098	1,836	3,120	2,765	2,700	102.4%	2,700	0.00%

North Huntingdon Township Municipal Authority
Income, Expense, vs. 5 Year Budget Comparison - FY15 to Present FY20
FY2020 Budget \$0.00 per EDU Operating Increase

*Not including J/E

**Budget
FY19 vs. FY20
Increase or
Decrease**

**PROPOSED FY20
BUDGET**

**YTD
% BUDGET**

**BUDGET
FY19**

**Est./Actual
@ 4/30/19**

**Actual
FY18**

**Actual
FY17**

**Actual
FY16**

**Actual
FY15**

1.100.5270	Equipment Rent	1,035	1,035	690	1,827	1,152	1,400	82.3%	1,400	0.00%
1.100.5275	Equip. R & M	2,420	3,066	4,159	4,970	4,856	4,200	115.6%	4,200	0.00%
1.100.5280	Computer Maint.	2,401	959	3,152	510	75	3,000	2.5%	3,000	0.00%
1.100.5290	Insurance	100	200	427	271	583	400	145.8%	400	0.00%
Total Office Expenses		76,679	72,392	70,236	68,520	64,944	76,250	85.2%	76,250	0.00%

Professional Fees										
1.100.5400	Auditing	20,991	20,913	21,673	22,328	23,003	22,700	101.3%	24,000	5.73%
1.100.5410	Engineering	32,960	32,021	26,055	29,457	22,992	35,000	65.7%	35,000	0.00%
1.100.5411	Engineer-Flow Mon.	0	0	0	0	0	0	#DIV/0!	0	#DIV/0!
1.100.5430	Legal	52,930	48,676	64,866	76,928	55,577	70,000	79.4%	70,000	0.00%
1.100.5431	Legal Costs Adv.	7,307	6,781	2,294	4,171	4,351	5,000	87.0%	5,000	0.00%
1.100.5460	Trustee Fees	17,425	6,600	4,600	2,538	6,063	12,000	50.5%	12,000	0.00%
1.100.5470	Computer Support	36,596	83,670	70,408	68,231	72,932	80,509	90.6%	81,068	0.69%
1.100.5480	Other Profess. Fees	0	0	865	1,640	865	0	#DIV/0!	0	#DIV/0!
1.100.5490	Prothonotary	0	0	0	0	0	0	#DIV/0!	0	#DIV/0!
1.100.5495	Management Expense	0	0	0	0	0	0	#DIV/0!	0	#DIV/0!
Total Professional Fees		168,209	198,661	190,761	205,293	185,783	225,209	82.5%	227,068	0.83%

Miscellaneous Expenses										
1.100.5500	Misc. Exp.	3,544	8,117	5,301	5,324	6,110	5,400	113.1%	5,550	2.78%
1.100.5510	Mileage Expense	418	390	144	107	158	250	63.2%	250	0.00%
1.100.5520	Advertising	4,634	7,831	1,783	5,368	5,290	4,500	117.6%	5,500	22.22%
1.100.5530	Public Relations	0	0	4,178	587	0	1,000	0.0%	1,000	0.00%
1.100.5540	Medical Exams	0	0	550	394	570	200	285.0%	400	100.00%
1.100.5550	First Aid Supplies	115	123	514	322	159	350	45.4%	350	0.00%
1.100.5560	Seminars & Training	1,900	1,760	3,980	705	3,388	4,500	75.3%	4,500	0.00%
1.100.5570	Dues & Subscriptions	4,316	5,639	5,243	5,181	5,799	6,000	96.7%	6,000	0.00%
1.100.5580	Petty Cash	293	242	267	260	277	300	92.3%	300	0.00%
1.100.5585	Banking Services Charges	2,914	5,273	6,272	6,639	7,329	7,000	104.7%	7,000	0.00%
Total Miscellaneous Expenses		18,134	29,375	28,232	24,887	29,080	29,500	98.6%	30,850	4.58%

GRAND TOTAL ADMINISTRATIVE

948,710

#DIV/0!

875,248

796,979

794,267

720,140

731,083

720,140

BOARD OF DIRECTORS										
Board of Director's Expenses										
1.200.5000	Salaries	5,600	6,065	5,600	6,000	5,600	6,000	93.3%	6,000	0.00%
1.200.5100	FICA	428	497	428	460	428	460	93.0%	460	0.00%
1.200.5160	PA Unemployment Comp.	0	38	25	0	0	100	0.0%	100	0.00%
1.200.5170	PMAA U/C Insur.	140	150	140	150	141	150	94.0%	150	0.00%
1.200.5500	Miscellaneous Expense	866	1,160	1,190	1,171	1,214	1,200	101.2%	1,200	0.00%
1.200.5590	Conferences	90	0	190	0	0	2,300	0.0%	2,300	0.00%
GRAND TOTAL BOARD OF DIRECTORS		7,124	7,910	7,573	7,781	7,383	10,210	72.3%	10,210	0.00%

GENERAL SYSTEM EXPENSES										
Personnel Expenses										
1.400.5000	Salaries & Wages	952,023	992,255	1,001,952	1,029,853	982,052	1,122,808	87.5%	1,173,858	4.55%
1.400.5020	Reimb. Inspectors Wage/Bene.	0	0	0	0	0	0	#DIV/0!	0	#DIV/0!
1.400.5100	FICA	69,249	73,231	73,436	74,543	70,588	85,895	82.2%	89,800	4.55%

North Huntingdon Township Municipal Authority
Income, Expense, vs. 5 Year Budget Comparison - FY15 to Present FY20
FY2020 Budget \$0.00 per EDU Operating Increase

*Not including J/E

	Actual FY15	Actual FY16	Actual FY17	Actual FY18	Est./Actual @ 4/30/19	BUDGET FY19	YTD % BUDGET	PROPOSED FY20 BUDGET	Budget FY19 vs. FY20 Increase or Decrease
1.400.5110 Hospitalization	305,485	244,726	263,909	281,175	287,349	356,529	80.6%	379,718	6.50%
1.400.5120 Life Insurance	16,253	17,527	19,280	20,764	19,763	22,392	88.3%	26,958	20.39%
1.400.5130 Pension	75,708	(71,968)	118,398	123,188	131,215	135,747	96.7%	170,679	25.73%
1.400.5150 Workers Comp.Ins.	26,035	29,407	24,010	16,040	25,716	32,000	80.4%	25,238	-21.13%
1.400.5160 PA Unemployment Comp.	0	4,295	(56)	0	0	0	#DIV/0!	0	#DIV/0!
1.400.5170 PMAA U/C Ins.	4,426	4,859	4,666	5,394	4,250	4,750	89.5%	4,750	0.00%
Total Personnel Expense	1,449,179	1,294,332	1,505,595	1,550,957	1,520,933	1,760,121	86.4%	1,871,001	6.30%
Miscellaneous									
1.400.5500 Miscellaneous Exp.	300	440	1,000	1,589	2,351	1,000	235.1%	1,800	80.00%
1.400.5510 Mileage	10	0	0	0	0	150	0.0%	150	0.00%
1.400.5530 Employee Relations	0	0	0	0	0	0	#DIV/0!	0	#DIV/0!
1.400.5540 Medical Exams	1,614	1,575	902	2,130	720	2,000	36.0%	2,000	0.00%
1.400.5550 First Aid Supplies	934	577	1,341	1,850	515	1,000	51.5%	1,000	0.00%
1.400.5560 Seminars & Training	7,120	14,525	7,245	9,651	2,339	15,000	15.6%	14,000	-6.67%
1.400.5570 Dues Subscriptions & Permits	1,742	2,210	4,558	5,462	6,809	5,500	123.8%	7,500	36.36%
1.400.5580 Petty Cash	501	423	230	644	666	600	111.0%	800	33.33%
1.400.5595 Uniforms & Shoes	6,332	11,089	12,578	13,033	8,488	10,500	80.8%	10,500	0.00%
1.400.5600 CDL/Operator License Reimb.	410	180	300	372	483	450	107.3%	600	33.33%
1.400.5610 PA One Calls	1,691	1,887	1,666	2,395	1,939	2,300	84.3%	2,300	0.00%
1.400.5630 Land Use Rental	498	499	0	0	525	490	107.1%	540	10.20%
Total Miscellaneous	21,152	33,405	29,820	37,126	24,835	38,990	63.7%	41,190	5.64%
General System Expenses									
1.400.6130 Fuel-Enginators (All)	0	2,032	2,596	1,604	811	5,000	16.2%	5,000	0.00%
1.400.6150 Telephone-Mobile	2,984	2,764	2,755	3,287	3,820	2,900	131.7%	4,700	62.07%
1.400.6160 Insurance	109,958	120,376	113,599	76,542	114,372	120,000	95.3%	120,000	0.00%
1.400.6165 Equipment Rental	6,887	902	6,466	4,382	814	7,500	10.9%	7,500	0.00%
1.400.6170 Equip.R&M-All Stat.	15,417	5,137	2,458	1,444	83	15,000	0.6%	10,000	-33.33%
1.400.6175 Odor Control - All Stations	1,918	1,914	3,892	2,936	3,430	4,000	85.8%	4,000	0.00%
1.400.6180 Operating Supplies	2,603	3,759	592	2,945	776	4,000	19.4%	4,000	0.00%
1.400.6300 Small Tools - General	2,781	3,573	1,998	2,771	3,243	3,500	92.7%	3,500	0.00%
1.400.6310 Non-Equip.-Y.Sewers	20,158	19,020	12,831	25,574	21,589	17,000	127.0%	25,000	47.06%
1.400.6311 Flow Monitoring-Yough Sewers	375	0	0	0	0	0	#DIV/0!	0	#DIV/0!
1.400.6315 Non-Equip-BC Sew	23,354	4,791	5,116	8,225	8,034	10,000	80.3%	10,000	0.00%
1.400.6316 Flow Monitoring-BC Sewers	0	0	16	0	0	0	#DIV/0!	0	#DIV/0!
1.400.6320 Non-Equip-All Stat.	2,686	2,697	1,987	2,542	2,979	2,500	119.2%	5,000	100.00%
1.400.6329 Manhole Rehab.	1,863	3,094	2,795	1,546	4,940	6,000	82.3%	6,000	0.00%
1.400.6330 Safety Expense	1,222	3,789	6,828	6,813	5,101	7,000	72.9%	7,000	0.00%
1.400.6400 Property Repairs	175	350	485	896	7,339	600	1223.2%	600	0.00%
Total General System Expenses	192,381	174,198	164,414	141,507	177,331	205,000	86.5%	212,300	3.56%
Vehicles									
1.400.6201 Veh.R&M-#1 2006 GMC	2,196	1,965	353	839	1,544	2,000	77.2%	2,000	0.00%
1.400.6202 Veh.R&M-#2 1996 Dump	3,327	273	719	331	1,458	1,000	145.8%	1,000	0.00%
1.400.6203 Veh.R&M-#3 Sold truck	391	1,415	260	2,979	986	2,000	49.3%	2,000	0.00%
1.400.6204 Veh.R&M-#4 2015 GapVax Jet Truck	0	332	2,491	3,630	423	5,500	7.7%	4,000	-27.27%
1.400.6205 Veh.R&M-#5 2019 Chevy 2500	2,550	4,047	275	101	707	1,000	70.7%	1,000	0.00%
1.400.6206 Veh.R&M-#6 2004 Dump	591	380	449	53	2,092	1,000	209.2%	1,000	0.00%
1.400.6207 Veh.R&M-#7 2008 Colorado	849	597	102	261	1,179	1,500	78.6%	1,500	0.00%
1.400.6208 Veh.R&M-#8 2009 Colorado	1,258	996	386	2,231	2,056	1,500	137.1%	1,500	0.00%
1.400.6209 Veh.R&M-#9 2013 Chevy 2500HD	766	77	163	752	961	650	147.8%	1,000	53.85%

North Huntingdon Township Municipal Authority
Income, Expense, vs. 5 Year Budget Comparison - FY15 to Present FY20
FY2020 Budget \$0.00 per EDU Operating Increase

*Not including J/E

	Actual FY15	Actual FY16	Actual FY17	Actual FY18	Est./Actual @ 4/30/19	BUDGET FY19	YTD % BUDGET	PROPOSED FY20 BUDGET	Budget FY19 vs. FY20 Increase or Decrease
Total Vehicles	45,764	44,987	31,831	54,034	46,424	58,300	79.6%	58,300	0.00%
1.400.6210 Veh.R&M-#10 2015 Chevy 3500HD	633	442	1,057	1,257	1,329	1,500	88.6%	1,500	0.00%
1.400.6211 Veh.R&M-#11 2014 Ram Crane	193	744	1,437	1,066	484	1,500	32.3%	1,500	0.00%
1.400.6212 Veh.R&M-#12 2017 Chevy Tahoe	2,296	161	0	112	899	0	#DIV/0!	0	#DIV/0!
1.400.6213 Veh.R&M-#13 2018 E450 TV Van	91	2,188	252	13	779	500	155.8%	500	0.00%
1.400.6214 Veh.R&M-#14 2012 Chevy Express	1,126	923	1,370	2,813	3,276	1,500	218.4%	1,500	0.00%
1.400.6215 Veh.R&M-Gasoline	17,793	12,766	13,234	14,617	16,172	20,000	80.9%	20,000	0.00%
1.400.6216 Veh.R&M-Supplies	1,997	2,553	536	771	935	2,500	37.4%	2,500	0.00%
1.400.6217 Veh.R&M-#17 Kubota Track	299	197	593	7,941	114	1,500	7.6%	1,500	0.00%
1.400.6218 Veh.R&M-Diesel Fuel	7,769	8,399	7,557	9,749	7,206	10,000	72.1%	10,000	0.00%
1.400.6219 Veh.R&M-#19 JCB	1,532	3,608	217	2,594	1,872	1,500	124.8%	1,500	0.00%
1.400.6220 Veh.R&M-#20 Hudson Trailer	0	1,969	248	1,809	1,600	650	246.2%	1,800	176.92%
1.400.6221 Veh.R&M-#21 Case Skid Steer	107	955	132	115	352	1,000	35.2%	1,000	0.00%
Total Purchased Sewage Treatment	2,050,830	2,172,252	2,374,701	2,478,239	2,469,384	2,526,234	97.7%	2,531,378	0.20%
Purchased Sewage Treatment									
1.400.6331 WWMMA-BC Res	1,389,297	1,469,814	1,630,836	1,698,670	1,703,063	1,710,626	99.6%	1,715,491	0.28%
1.400.6332 WWMMA-AL Res	109,572	114,892	116,591	117,768	118,186	121,015	97.7%	120,918	-0.08%
1.400.6333 WWMMA-CH Res	163,051	168,411	188,511	194,915	194,908	196,421	99.2%	196,265	-0.08%
1.400.6334 WWMMA-BC Non-res	376,940	408,798	427,221	455,843	440,865	485,190	90.9%	484,805	-0.08%
1.400.6335 WWMMA-AL Non-res	11,970	10,337	11,542	11,043	12,362	12,982	95.2%	13,899	7.06%
GRAND TOTAL GENERAL SYSTEM EXPENSES	3,759,306	3,719,174	4,106,361	4,261,863	4,238,907	4,588,645	92.4%	4,714,169	2.74%
Yough Treatment Plant									
1.401.6100 Electric-Yough	47,432	57,022	56,112	51,546	52,584	47,000	111.9%	57,000	21.28%
1.401.6110 Gas-Yough	20,224	16,399	18,451	25,250	19,817	22,000	90.1%	22,000	0.00%
1.401.6120 Water-Yough	4,581	5,337	4,965	4,525	2,948	6,000	49.1%	6,000	0.00%
1.401.6125 Refuse Collection (80/mo.)	1,262	988	1,108	1,518	1,195	2,000	59.8%	2,000	0.00%
1.401.6140 Chemicals - Yough	7,417	10,983	7,065	7,724	8,174	10,000	81.7%	10,000	0.00%
1.401.6150 Telephone/SCADA-Yough	1,770	1,682	1,447	3,235	3,883	2,700	143.8%	3,100	14.81%
1.401.6170 Equip.R&M-Yough	17,133	27,850	28,743	27,005	29,988	30,000	100.0%	30,000	0.00%
1.401.6180 Oper.Supp.-Yough	5,334	6,208	3,544	2,824	2,848	5,500	51.8%	5,500	0.00%
1.401.6190 Lab Supplies	14,167	15,659	14,505	15,462	17,232	16,500	104.4%	16,500	0.00%
1.401.6300 Small Tools - Yough	755	102	1,562	822	2,161	1,650	131.0%	1,650	0.00%
1.401.6320 Non-Equip-Yough	4,221	8,633	8,311	9,033	8,835	7,600	116.3%	7,600	0.00%
1.401.6325 Sludge Disposal	36,644	48,403	42,423	35,774	38,669	44,000	87.9%	44,000	0.00%
1.401.6327 Sludge Dewatering	7,871	9,517	15,709	6,210	6,325	13,900	45.5%	13,900	0.00%
Total Yough Treatment Plant	168,811	208,763	203,945	190,928	194,659	208,850	93.2%	219,250	4.98%
Woodside Pump Station									
1.403.6100 Electric-Woodside	1,645	1,979	2,260	2,309	2,051	2,700	76.0%	2,700	0.00%
1.403.6110 Gas	0	0	0	0	0	0	#DIV/0!	0	#DIV/0!
1.403.6120 Water	0	0	0	0	0	0	#DIV/0!	0	#DIV/0!
1.403.6150 Telephone/SCADA	0	0	120	474	451	500	90.2%	500	0.00%
1.403.6170 Equip.R&M-Wood	750	612	612	900	81	2,200	3.7%	2,200	0.00%
1.403.6180 Operating Supplies	0	0	0	0	0	20	0.0%	20	0.00%
1.403.6320 Non-Equip-Woodside	0	0	0	0	0	400	0.0%	400	0.00%
Total Woodside Pump Station	2,395	1,979	2,992	3,683	2,583	5,820	44.4%	5,820	0.00%
Hartford Heights Pump Station									

North Huntingdon Township Municipal Authority
Income, Expense, vs. 5 Year Budget Comparison - FY15 to Present FY20
FY2020 Budget \$0.00 per EDU Operating Increase

*Not including J/E

	Actual FY15	Actual FY16	Actual FY17	Actual FY18	Est./Actual @ 4/30/19	BUDGET FY19	YTD % BUDGET	PROPOSED FY20 BUDGET	Budget FY19 vs. FY20 Increase or Decrease
1.404.6100 Electric-Hartford Hts.	2,455	3,119	3,431	4,035	3,488	3,200	109.0%	3,800	18.75%
1.404.6110 Gas	0	0	0	0	0	0	#DIV/0!	0	#DIV/0!
1.404.6120 Water	0	0	0	0	0	0	#DIV/0!	0	#DIV/0!
1.404.6150 Telephone/SCADA	358	0	0	0	451	500	90.2%	500	0.00%
1.404.6170 Equip.R&M-Hart.Hts.	0	716	1,111	962	142	2,350	6.0%	2,350	0.00%
1.404.6180 Operating Supplies	0	0	0	0	0	20	0.0%	20	0.00%
1.404.6320 Non-Equip-Hart Hts	0	0	0	200	257	400	64.3%	400	0.00%
Total Hartford Heights Pump Station	2,813	3,835	4,662	5,671	4,338	6,470	67.0%	7,070	9.27%
Thomas Street Pump Station									
1.405.6100 Electric-Thomas	1,511	2,187	2,026	2,409	2,369	1,900	124.7%	2,600	36.84%
1.405.6110 Gas	0	0	0	0	0	0	#DIV/0!	0	#DIV/0!
1.405.6120 Water	0	0	0	0	0	0	#DIV/0!	0	#DIV/0!
1.405.6150 Telephone/SCADA	0	0	0	474	451	500	90.2%	500	0.00%
1.405.6170 Equip.R&M-Thomas	0	0	1,364	527	142	3,500	4.1%	3,500	0.00%
1.405.6180 Operating Supplies	0	0	0	0	0	20	0.0%	20	0.00%
1.405.6320 Non-Equip-Thomas	0	0	0	0	2,108	400	527.0%	1,000	150.00%
Total Thomas Street Pump Station	1,511	2,187	3,510	3,410	5,070	6,320	80.2%	7,620	20.57%
Long Run Pump Station									
1.406.6100 Electric-Long Run	39,914	52,547	47,806	51,979	38,877	59,100	65.8%	59,100	0.00%
1.406.6110 Gas-Long Run	577	337	271	360	749	750	99.9%	750	0.00%
1.406.6120 Water-Long Run	1,794	1,923	2,184	2,070	2,639	5,500	48.0%	5,500	0.00%
1.406.6150 Telephone/SCADA	0	0	707	474	451	1,000	45.1%	1,000	0.00%
1.406.6170 Equip.R&M-Long Run	10,655	11,717	19,404	11,616	12,688	25,000	50.8%	25,000	0.00%
1.406.6180 Operating Supplies	0	0	0	0	166	50	332.0%	50	0.00%
1.406.6320 Non-Equip-Long Run	74	213	278	175	2,535	400	633.8%	1,000	150.00%
Total Long Run Pump Station	53,014	66,737	70,650	66,674	58,105	91,800	63.3%	92,400	0.65%
Stewartsville Pump Station									
1.407.6100 Electric-Stewartsville	15,940	18,670	16,776	18,939	17,229	20,000	86.1%	20,000	0.00%
1.407.6110 Gas	0	0	0	0	0	0	#DIV/0!	0	#DIV/0!
1.407.6120 Water	932	1,440	1,128	1,335	2,445	1,800	135.8%	1,800	0.00%
1.407.6150 Telephone/SCADA	0	0	397	474	451	1,000	45.1%	1,000	0.00%
1.407.6170 Equip.R&M-Stew.	634	2,392	2,532	6,083	549	4,500	12.2%	4,500	0.00%
1.407.6180 Operating Supplies	0	0	0	0	0	50	0.0%	50	0.00%
1.407.6320 Non-Equip-Stew.	345	208	80	173	498	400	124.5%	1,000	150.00%
Total Stewartsville Pump Station	17,851	22,710	20,913	27,004	21,172	27,750	76.3%	28,350	2.16%
Highland Terrace Pump Station									
1.408.6100 Electric-High.Terr	8,019	9,493	9,944	11,186	11,845	9,100	130.2%	13,000	42.86%
1.408.6110 Gas	0	0	0	0	0	0	#DIV/0!	0	#DIV/0!
1.408.6120 Water	0	0	0	0	0	0	#DIV/0!	0	#DIV/0!
1.408.6150 Telephone/SCADA	0	0	0	474	451	500	90.2%	500	0.00%
1.408.6170 Equip.R&M-High.Ter.	848	63	2,750	413	4,984	3,000	166.1%	3,000	0.00%
1.408.6180 Operating Supplies	0	0	36	0	0	50	0.0%	50	0.00%
1.408.6320 Non-Equip-High.Terr.	0	130	12	0	797	400	199.3%	400	0.00%
Total Highland Terrace Pump Station	8,867	9,686	12,662	12,073	18,077	13,050	138.5%	16,950	29.89%
Indian Lake Pump Station									
1.410.6100 Electric-Indian Lk.	15,258	15,082	9,944	15,720	19,141	17,100	111.9%	20,881	22.11%

North Huntingdon Township Municipal Authority
Income, Expense, vs. 5 Year Budget Comparison - FY15 to Present FY20
FY2020 Budget \$0.00 per EDU Operating Increase

*Not including J/E

	Actual FY15	Actual FY16	Actual FY17	Actual FY18	Est./Actual @ 4/30/19	BUDGET FY19	YTD % BUDGET	PROPOSED FY20 BUDGET	Budget FY19 vs. FY20 Increase or Decrease #DIV/0!
1.410.6110 Gas	0	0	0	0	0	0	#DIV/0!	0	0.00%
1.410.6120 Water-Indian Lk.	1,369	779	0	962	1,597	2,850	56.0%	2,850	0.00%
1.410.6150 Telephone/SCADA	0	0	120	474	451	1,000	45.1%	1,000	0.00%
1.410.6170 Equip.R&M-Indian Lk	3,141	765	2,750	19,803	5,777	6,000	96.3%	6,000	0.00%
1.410.6180 Oper.Supp.-Ind.Lk.	135	0	36	0	0	50	0.0%	50	0.00%
1.410.6320 Non-Equip-Indian Lk.	285	1,140	12	2,414	380	400	95.0%	1,000	150.00%
Total Indian Lake Pump Station	20,188	17,766	12,862	39,373	27,346	27,400	99.8%	31,781	15.99%
Falcon Ridge Pump Station									
1.412.6100 Electric-Falcon Ridge	2,800	3,490	4,041	3,662	3,468	3,750	92.5%	3,800	1.33%
1.412.6110 Gas-Falcon Ridge	332	290	286	281	293	650	45.1%	650	0.00%
1.412.6120 Water	0	0	0	0	0	0	#DIV/0!	0	#DIV/0!
1.412.6150 Telephone/SCADA	0	0	197	474	451	500	90.2%	500	0.00%
1.412.6170 Equip.R&M-Falcon R.	1,169	138	342	683	243	1,000	24.3%	1,000	0.00%
1.412.6180 Operating Supplies	0	0	0	0	0	50	0.0%	50	0.00%
1.412.6320 Non-Equip-Falc.Ridge	6	0	7	0	33	400	8.3%	400	0.00%
Total Falcon Ridge Pump Station	4,307	3,918	4,873	5,100	4,488	6,350	70.7%	6,400	0.79%
Larimer Pump Station									
1.415.6100 Electric-Larimer	1,079	1,509	1,495	2,234	1,730	1,575	109.8%	2,000	26.98%
1.415.6110 Gas	0	0	0	0	0	0	#DIV/0!	0	#DIV/0!
1.415.6120 Water	0	0	0	0	0	0	#DIV/0!	0	#DIV/0!
1.415.6150 Telephone/SCADA	0	0	120	474	451	500	90.2%	500	0.00%
1.415.6170 Equip.R&M-Larimer	645	0	1,274	0	197	3,000	6.6%	3,000	0.00%
1.415.6180 Operating Supplies	0	0	0	0	0	50	0.0%	50	0.00%
1.415.6320 Non-Equip-Larimer	12	69	146	0	208	400	52.0%	1,000	150.00%
Total Larimer Pump Station	1,736	1,578	3,035	2,708	2,586	5,525	46.8%	6,550	18.55%
Ar dara Pump Station									
1.417.6100 Electric-Ar dara	1,404	1,761	1,706	1,706	1,467	1,700	86.3%	1,700	0.00%
1.417.6110 Gas	378	295	338	408	501	600	83.5%	600	0.00%
1.417.6120 Water	177	429	229	239	251	340	73.8%	340	0.00%
1.417.6150 Telephone/SCADA	0	0	120	474	451	500	90.2%	500	0.00%
1.417.6170 Equip. R & M	0	121	78	0	49	500	9.8%	500	0.00%
1.417.6180 Operating Supplies	0	0	0	0	0	50	0.0%	50	0.00%
1.417.6320 Non-Equip-Ar dara	255	412	80	82	75	400	18.8%	1,000	150.00%
Total Ar dara Pump Station	2,214	3,018	2,551	2,909	2,794	4,090	68.3%	4,690	14.67%
Masters Pump Station									
1.418.6100 Electric-Masters	550	653	646	715	640	785	81.5%	785	0.00%
1.418.6110 Gas	476	320	366	434	494	800	61.8%	800	0.00%
1.418.6120 Water	177	190	229	239	251	340	73.8%	340	0.00%
1.418.6150 Telephone/SCADA	0	0	120	474	451	500	90.2%	500	0.00%
1.418.6170 Equip. R & M	0	0	274	0	193	500	38.6%	500	0.00%
1.418.6180 Operating Supplies	0	0	0	0	0	50	0.0%	50	0.00%
1.418.6320 Non-Equip-Masters	838	24	80	82	75	400	18.8%	1,000	150.00%
Total Masters Pump Station	2,041	1,187	1,715	1,944	2,104	3,375	62.3%	3,975	17.78%
Mountain Ridge Pump Station									
1.419.6100 Electric-Mountain Ridge	217	256	282	319	272	550	49.5%	550	0.00%
1.419.6110 Gas	569	405	515	622	561	750	74.8%	750	0.00%
1.419.6120 Water	177	190	229	239	251	340	73.8%	340	0.00%

North Huntingdon Township Municipal Authority
Income, Expense, vs. 5 Year Budget Comparison - FY15 to Present FY20
FY2020 Budget \$0.00 per EDU Operating Increase

*Not including J/E

	Actual FY15	Actual FY16	Actual FY17	Actual FY18	Est./Actual @ 4/30/19	BUDGET FY19	YTD % BUDGET	PROPOSED FY20 BUDGET	Budget FY19 vs. FY20 Increase or Decrease
1.419.6150 Telephone/SCADA	0	0	273	474	451	500	90.2%	500	0.00%
1.419.6170 Equip. R & M	376	452	73	0	432	500	86.4%	500	0.00%
1.419.6180 Operating Supplies	0	0	0	0	0	50	0.0%	50	0.00%
1.419.6320 Non-Equip-Mountain Ridge	0	326	1,250	124	0	400	0.0%	1,000	150.00%
Total Mtn. Ridge Pump Station	1,339	1,629	2,622	1,778	1,967	3,090	63.7%	3,690	19.42%
TV Truck									
1.505.6170 Equip.R&M-TV Truck	994	10,197	7,675	2,824	1,055	8,000	13.2%	8,000	0.00%
1.505.6180 Oper.Suppl.-TV truck	0	10	0	0	126	500	25.2%	500	0.00%
Total TV Truck	994	10,207	7,675	2,824	1,181	8,500	13.9%	8,500	0.00%
TV Lateral Inspection Equip									
1.507.6170 Equip.R&M-Lateral Insp.	3,931	4,621	2,978	2,146	4,071	6,700	60.8%	6,700	0.00%
1.507.6180 Oper.Suppl.-Lateral Insp.	0	0	0	1,232	0	300	0.0%	300	0.00%
Total TV Lateral Inspection Equip	3,931	4,621	2,978	3,378	4,071	7,000	58.2%	7,000	0.00%
Jet/Vacuum Truck									
1.512.6120 Water-Jet Truck	585	1,043	1,018	1,415	736	1,300	56.6%	1,300	0.00%
1.512.6170 Equip.R&M-Jet/Vacuum Truck	1,625	1,542	1,780	1,516	676	4,000	16.9%	4,000	0.00%
1.512.6180 Oper.Suppl.-Jet/Vacuum Truck	0	0	0	0	0	500	0.0%	500	0.00%
Total Jet/Vacuum Truck	2,210	2,585	2,798	2,931	1,412	5,800	24.3%	5,800	0.00%
Flow Monitoring Equipment									
1.520.6170 Equip.R&M-Flow Mtr.	0	0	0	0	0	1,000	0.0%	1,000	0.00%
1.520.6180 Oper.Suppl.-Flow Mtr.	0	0	0	0	0	750	0.0%	750	0.00%
Total Flow Monitoring Equipment	0	0	0	0	0	1,750	0.0%	1,750	0.00%
Other Expenses									
1.900.7000 Amortized Bond Disc.							#DIV/0!		
1.900.7010 Amortized Bond Exp.							#DIV/0!		
1.900.7013 Bond Remarketing Fee Exp.	8,738	7,064	5,331	292	3,421	3,510	97.5%	3,510	
1.900.7014 Bond Liquidity Fee Expense	41,579	35,367	50,035	46,828	36,705	32,000	114.7%	32,000	
1.900.7020 Derivative Interest Expense	11,984	9,970	7,894	5,751	0	0	#DIV/0!		
1.900.7025 Interest - 2001 bonds (whole yr.)	0	0	0	0	0	0	#DIV/0!		
1.900.7030 Interest - 2011 Bonds (whole yr.)	358,721	297,764	258,194	189,380	111,389	121,535	91.7%	50,770	-58.23%
1.900.7040 Interest - Pennvest 2 (whole yr.)	68,694	61,674	54,423	46,935	39,200	39,200	100.0%	31,211	-20.38%
1.900.7050 Interest - Garage Loan	29,053	24,963	20,809	16,213	11,634	11,663	99.8%	6,875	-41.05%
2011 Bond Principal	1,025,000	1,085,000	1,140,000	1,200,000	1,260,000	1,260,000	100.0%	957,917	-23.97%
PennVest #2 Principal (*whole year)	213,662	220,682	227,932	235,421	243,155	243,155	100.0%	251,144	3.29%
Garage loan Principal	103,190	107,287	111,547	115,976	120,581	120,581	100.0%	125,369	3.97%
Total Other Expenses	1,853,621	1,849,771	1,876,165	1,856,796	1,826,085	1,831,644	99.7%	1,458,796	-20.36%
Revenue Total	10,662,410	9,549,015	9,609,314	10,045,308	9,897,361	9,806,599	100.9%	9,849,966	0.44%
Administrative Expenses	731,083	720,140	794,267	796,979	793,702	875,248	90.7%	948,710	8.39%
Board of Director Expenses	7,124	7,910	7,573	7,781	7,383	10,210	72.3%	10,210	0.00%
System Expenses	4,053,528	4,081,600	4,467,004	4,634,251	4,590,860	5,021,585	91.4%	5,171,765	2.99%
Financial Expenses	516,769	436,802	396,686	305,399	202,349	207,908	97.3%	124,366	-40.18%
Bond/PennVest Principal	1,341,852	1,412,969	1,479,479	1,551,397	1,623,736	1,623,736	100.0%	1,334,430	-17.82%

North Huntingdon Township Municipal Authority

Income, Expense, vs. 5 Year Budget Comparison - FY15 to Present FY20

FY2020 Budget \$0.00 per EDU Operating Increase

*Not including J/E

Budget
FY19 vs. FY20
Increase or
Decrease
0.54%
#DIV/0!

PROPOSED FY20
BUDGET
2,091,606

YTD
% BUDGET
101.0%

BUDGET
FY19
2,080,372

Est./Actual
@ 4/30/19
2,100,265

Actual
FY18
2,102,834

Actual
FY17
2,090,821

Actual
FY16
2,089,386

Actual
FY15
2,045,606

3,085,000
As of 04/30/15

1,966,448
Revenue Over/Under Expense

Capital Improv. YTD

New Construction Fund

Actual Cap.Imp. Transferred

Revenue Over/Under Expense

\$

Total Revenues	10,662,410	9,549,015	9,609,314	10,045,308	9,897,361	9,806,599	9,849,966	0.44%
Total Expenses	8,695,962	8,748,807	9,235,830	9,398,641	9,318,295	9,819,059	9,681,087	-1.41%
Unappropriated Rev.Fund Balance						0		
Net Difference	1,966,448	800,208	373,484	646,667	579,066	(12,460)	168,879	**