# 2016

Hanover Sewerage Authority
(name)

# Authority Budget

hanovertownship.com
(Authority Web Address)

Department Of
Community
Affairs

Division of Local Government Services

# 2016

# ____ Hanover Sewerage Authority _____

(Name)

## AUTHORITY BUDGET

**FISCAL YEAR: FROM December 1, 2015 TO November 30, 2016**

***For Division Use Only***

### CERTIFICATION OF APPROVED BUDGET

*It is hereby certified that the approved Budget made a part hereof complies with the requirements of law and the rules and regulations of the Local Finance Board, and approval is given pursuant to N.J.S.A. 40A:5A-11.*

*State of New Jersey*
*Department of Community Affairs*
*Director of the Division of Local Government Services*

By: _____ Date: _____

### CERTIFICATION OF ADOPTED BUDGET

*It is hereby certified that the adopted Budget made a part hereof has been compared with the approved Budget previously certified by the Division, and any amendments made thereto. This adopted Budget is certified with respect to such amendments and comparisons only.*

*State of New Jersey*
*Department of Community Affairs*
*Director of the Division of Local Government Services*

By: _____ Date: _____

# 2016 PREPARER'S CERTIFICATION

# __ Hanover Sewerage Authority __

(Name)

## AUTHORITY BUDGET

**FISCAL YEAR:** FROM: December 1, 2015 **TO:** November 30, 2016

It is hereby certified that the Authority Budget, including both the Annual Budget and the Capital Budget/Program annexed hereto, represents the members of the governing body's resolve with respect to statute in that: all estimates of revenue are reasonable, accurate and correctly stated; all items of appropriation are properly set forth; and in itemization, form and content, the budget will permit the exercise of the comptroller function within the Authority.

It is further certified that all proposed budgeted amounts and totals are correct. Also, I hereby provide reasonable assurance that all assertions contained herein are accurate and all required schedules are completed and attached.

| | | | |
|---|---|---|---|
| Preparer's Signature: | | | |
| Name: | Silvio Esposito | | |
| Title: | Treasurer | | |
| Address: | 1000 Route 10<br>Whippany NJ 07981 | | |
| Phone Number: | 973/428.2483 | Fax Number: | 973/515.3774 |
| E-mail address | sesposito@hanovertownship.com | | |

# INTERNET WEBSITE CERTIFICATION

| **Authority's Web Address:** | Hanovertownship.com |
|---|---|

All authorities shall maintain either an Internet website or a webpage on the municipality's or county's Internet website. The purpose of the website or webpage shall be to provide increased public access to the authority's operations and activities. N.J.S.A. 40A:5A-17.1 requires the following items to be included on the Authority's website at a minimum for public disclosure. Check the boxes below to certify the Authority's compliance with N.J.S.A. 40A:5A-17.1.

- ☒ A description of the Authority's mission and responsibilities
- ☒ Commencing with 2013, the budgets for the current fiscal year and immediately preceding two prior years
- ☒ The most recent Comprehensive Annual Financial Report (Unaudited) or similar financial information
- ☒ Commencing with 2012, the annual audits of the most recent fiscal year and immediately two prior years
- ☒ The Authority's rules, regulations and official policy statements deemed relevant by the governing body of the authority to the interests of the residents within the authority's service area or jurisdiction
- ☒ Notice posted pursuant to the "Open Public Meetings Act" for each meeting of the Authority, setting forth the time, date, location and agenda of each meeting
- ☒ Beginning January 1, 2013, the approved minutes of each meeting of the Authority including all resolutions of the board and their committees; for at least three consecutive fiscal years
- ☒ The name, mailing address, electronic mail address and phone number of every person who exercises day-to-day supervision or management over some or all of the operations of the Authority
- ☒ A list of attorneys, advisors, consultants and any other person, firm, business, partnership, corporation or other organization which received any remuneration of $17,500 or more during the preceding fiscal year for any service whatsoever rendered to the Authority.

It is hereby certified by the below authorized representative of the Authority that the Authority's website or webpage as identified above complies with the minimum statutory requirements of N.J.S.A. 40A:5A-17.1 as listed above. A check in each of the above boxes signifies compliance.

Name of Officer Certifying compliance _Michael C. Wynne, P.E. ___

Title of Officer Certifying compliance Executive Director

Signature

# 2016 AUTHORITY BUDGET RESOLUTION

# ___ Hanover Sewerage Authority __

(Name)

**FISCAL YEAR: FROM:** December 1, 2015 **TO:** November 30, 2016

WHEREAS, the Annual Budget and Capital Budget for the _ Hanover Sewerage Authority _____ for the fiscal year beginning, _December 1, 2015_____ and ending, _November 30, 2016_____ has been presented before the governing body of the ___ Hanover Sewerage ____ Authority at its open public meeting of _September 23, 2015___; and

WHEREAS, the Annual Budget as introduced reflects Total Revenues of $ _6,797,515.00_____ , Total Appropriations, including any Accumulated Deficit if any, of $ __7,297,515.00_____ and Total Unrestricted Net Position utilized of _____$500,000.00_____; and

WHEREAS, the Capital Budget as introduced reflects Total Capital Appropriations of $__8,760,000.00_____ and Total Unrestricted Net Position planned to be utilized as funding thereof, of $_____-0-_____; and

WHEREAS, the schedule of rates, fees and other charges in effect will produce sufficient revenues, together with all other anticipated revenues to satisfy all obligations to the holders of bonds of the Authority, to meet operating expenses, capital outlays, debt service requirements, and to provide for such reserves, all as may be required by law, regulation or terms of contracts and agreements; and

WHEREAS, the Capital Budget/Program, pursuant to N.J.A.C. 5:31-2, does not confer any authorization to raise or expend funds; rather it is a document to be used as part of the said Authority's planning and management objectives. Specific authorization to expend funds for the purposes described in this section of the budget, must be granted elsewhere; by bond resolution, by a project financing agreement, by resolution appropriating funds from the Renewal and Replacement Reserve or other means provided by law.

NOW, THEREFORE BE IT RESOLVED, by the governing body of the Hanover Sewerage _ Authority, at an open public meeting held on _September 23, 2015_____ that the Annual Budget, including all related schedules, and the Capital Budget/Program of the _ Hanover Sewerage ___ Authority for the fiscal year beginning, December 1, 2015_____ and ending, _November 30, 2016_____ is hereby approved; and

BE IT FURTHER RESOLVED, that the anticipated revenues as reflected in the Annual Budget are of sufficient amount to meet all proposed expenditures/expenses and all covenants, terms and provisions as stipulated in the said Authority's outstanding debt obligations, capital lease arrangements, service contracts, and other pledged agreements; and

BE IT FURTHER RESOLVED, that the governing body of the __ Hanover Sewerage ___ Authority will consider the Annual Budget and Capital Budget/Program for adoption on __November 24, 2015_____.

_____ (Secretary's Signature)

9/28/15 (Date)

| Governing Body Member: | Recorded Vote Aye | Nay | Abstain | Absent |
|---|---|---|---|---|
| Joseph Schleifer | x | | | |
| Dennis Dittrick | x | | | |
| J. William Byrne | x | | | |
| John B. Corona | | | | x |
| William Kuehner | x | | | |

# 2016 AUTHORITY BUDGET

## Narrative and Information Section

# 2016 AUTHORITY BUDGET MESSAGE & ANALYSIS

## _Hanover Sewerage__

(Name)

## AUTHORITY BUDGET

**FISCAL YEAR: FROM:** December 1, 2015 **TO:** November 30, 2016

***Answer all questions below. Attach additional pages and schedules as needed.***

1. Complete a brief statement on the 2016 proposed Annual Budget and make comparison to the 2015 adopted budget for each operation. Explain any variances over +/-10% for each line item by operation. Explanations of variances should include a description of the reason for the increase/decrease in the budgeted line item, not just an indication of the amount and percent of the change. Attach any supporting documentation that will help to explain the reason for the increase/decrease in the budgeted line item. For example, if anticipated service charges have increased 15% due to an increase in rates, provide a copy of the resolution authorizing the rate increase.

   **The 2016 budget continues to provide for the efficient operation of the Treatment Plant and collection system and management of the Authority's affairs. There have also been increases in debt service on NJEIT Loans. Funding for capital resources from funds raised through user charges was reduced.**

2. Complete a brief statement on the impact the proposed Annual Budget will have on Anticipated Revenues, especially service charges and on the general purpose/component unit financial statements. Explain significant increases or decreases, if any. An increase or decrease is considered significant if it is over +/-10% from the current year adopted budget.

   **The proposed rate for facilities charges is $2.48 per ccf. The proposed rate for volume charges is $4.32 per ccf. The combined rate is $6.80 per ccf. The average residential bill is projected to be $612.00. This is a 2.4% increase.**

3. Describe the state of the local/regional economy and how it may impact the proposed Annual Budget, including the planned Capital Budget/Program.

   **Local economic activity had slowed significantly during the past several years. There was an increase in new construction in 2013, 2014 and 2015. Projects included new projects as well as projects that were approved over the past five years. The number of projects on new sites seeking approval has decreased during the last half of 2015. This will likely reduce the number of projects beginning construction in future years. The Authority's treatment facilities are sized to handle the discharge from these projects. Accordingly, capital expenditures for an expansion of the Treatment Plant are not anticipated.**

   **Over the period from 2008 through 2012 there was a significant decrease in the volume being discharged by the users of the system. With new projects coming on**

**line this trend has begun to reverse itself. The Authority maintained funding levels for maintenance in the Plant and the Collection System to ensure continuation of our present service level and avoid an increase in future costs.**

**In the long term, significant increases in capital and/or operating expenditures will be needed to meet NJDEP requirements for phosphorus removal and potential requirements for de-nitrification. In addition, the Authority is undertaking a number of rehabilitation projects. These projects will use a large percentage of the Authority's Renewal and Replacement Reserve and Unreserved Retained Earnings. The 2016 Budget includes funding for reserves for future capital needs.**

4. Describe the reasons for utilizing Unrestricted Net Position in the proposed Annual Budget, i.e. rate stabilization, debt service reduction, to balance the budget, etc. If the Authority's budget anticipates a use of Unrestricted Net Position, this question must be answered.

   **Used to transfer funds to Reserve and Replacement Reserve**

5. Identify any sources of funds transferred to the County/Municipality as a budget subsidy or a shared service and explain the reason for the transfer (i.e.: to balance the County/Municipality budget, etc.).

   **The Authority pays the Township of Hanover for services provided. These include finance office services, rent for office space, telephone, fuel and sewer jet truck O&M on our jointly owned vehicle.**

6. The proposed budget must not reflect an anticipated deficit from 2016 operations. If there exists an accumulated deficit from prior years' budgets (and funding is included in the proposed budget as a result of a prior deficit) explain the funding plan to eliminate said deficit (N.J.S.A. 40A:5A-12). If the Authority has a net deficit reported in its most recent audit, it must provide a deficit reduction plan in response to this question.

   **N/A**

7. Attach a schedule of the Authority's existing rate structure (connection fees, parking fees, service charges, etc.) and a schedule of the proposed rate structure for the upcoming fiscal year. Explain any proposed changes in the rate structure and attach the resolution approving the change in the rate structure, if applicable.

   **See Attached**

**8.** Attach a copy of the Authority's most recent Annual Operating Data submission to the Municipal Securities Rulemaking Board's Electronic Municipal Marketplace Access (EMMA) under the Authority's Continuing Disclosure Agreements for any debt issuances outstanding. Examples of Annual Operating Data may include sewer and water billings; parking rents and collections; number of customers; number of available parking spaces; etc. See Local Finance Notice 2014-9 for more information.

**N/A**

Page N-1 Question 7

| | 2015 | 2016 |
|---|---|---|
| Facilities Charge | $2.44/ ccf | $2.48/ ccf |
| Volume Charge | $4.20/ ccf | $4.32/ ccf |
| Combined Rate | $6.64/ ccf | $6.80/ccf |
| Average Residential Bill | $597.60/ yr | $612.00/ yr |
| Basic Connection Fee | $6,100 | $6,100 |
| Average Sewerage Flow | 185 gpd | 185 gpd |

# RESOLUTION NO. 53-15

WHEREAS, the Hanover Sewerage Authority (hereinafter "the Authority") is authorized by the Sewerage Authorities Law (N.J.S.A. 40A:14-7 (11) to make and enforce rules and regulations for the management and regulation of its business and affairs and or the use, maintenance and operation of the sewerage system and any other of its properties, and to amend the same; and

WHEREAS, the Authority adopted the "Regulations and Specifications and Rate Schedule of the Hanover Sewerage Authority" (hereinafter "the Regulations") on November 30, 1960 and amended the same from time to time including a comprehensive revision dated January 1, 2004; and

WHEREAS, the Authority has reviewed the current Rate Schedule and desires to implement changes in the following areas for the 2016 fiscal year:

1) Adjust the user charges.

2) Adjust the connection fee

NOW, THEREFORE, BE IT RESOLVED by the Hanover Sewerage Authority as follows effective December 1, 2015:

1) Appendix I, Charge Systems and Fees, is proposed to be amended as follows:

a) Paragraph 9, Fee Schedule

c) Connection Charges

| | |
|---|---|
| i Basic Connection Charge | $6,000.00 |
| ii Average Sewerage Flow | 185 gpd |

e) User Charges –

| | |
|---|---|
| Facilities Charge per ccf | $2.48 |
| Volume Charge per ccf | $4.32 |

3) The balance of Appendix I shall remain unchanged.

4) A copy of this Resolution shall be published in accordance with N.J.S.A. 40:14A-8 and a hearing held thereon on October 28, 2015 at 8:30 p.m. at the Municipal Building, 1000 Route 10, Whippany, New Jersey.

5) If any provision of this Resolution or the application thereof to any person or circumstance is held invalid by a court of competent jurisdiction, such validity shall not affect other provisions of the Resolution and to this end the provisions of this Resolution are declared to be severable.

6) This Resolution shall take effect as provided by law.

DATED: September 23, 2015

HANOVER SEWERAGE AUTHORITY
COUNTY OF MORRIS
STATE OF NEW JERSEY

ATTEST:

Joseph Schleifer, Chairman

J. William Byrne, Secretary

CERTIFICATION

I, J. William Byrne, Secretary of the Hanover Sewerage Authority, County of Morris and State of New Jersey, do hereby certify the foregoing to be a true copy of a Resolution adopted by the said Authority on the 23rd day of September, 2014 at a meeting duly convened of said Body.

J. William Byrne, Secretary

# AUTHORITY CONTACT INFORMATION
# 2016

Please complete the following information regarding this Authority. **All** information requested below must be completed.

| | | | | |
|---|---|---|---|---|
| **Name of Authority:**<br>**Federal ID Number:** | Hanover Sewerage Authority<br>22--6017001 | | | |
| Address: | 1000 Route 10<br>PO Box 320 | | | |
| City, State, Zip: | Whippany | | NJ | 07981 |
| Phone: (ext.) | 973/428.2477 | Fax: | 973/515.3774 | |

| | | | | |
|---|---|---|---|---|
| **Preparer's Name:** | | | | |
| Preparer's Address: | 1000 Route 10<br>PO Box 320 | | | |
| City, State, Zip: | Whippany | | NJ | 07981 |
| Phone: (ext.) | 973/428.2477 | Fax: | 973/515.3774 | |
| E-mail: | mwynne@hanovertownship.com | | | |

| | | | |
|---|---|---|---|
| **Chief Executive Officer:** | Michael C. Wynne | | |
| Phone: (ext.) | 973/428.2477 | Fax: | 973/515.3774 |
| E-mail: | mwynne@hanovertownship.com | | |

| | | | |
|---|---|---|---|
| **Chief Financial Officer:** | Silvio Esposito | | |
| Phone: (ext.) | 973/428.2483 | Fax: | 973/515.3774 |
| E-mail: | sesposito@hanovertownship.com | | |

| | | | |
|---|---|---|---|
| **Name of Auditor:** | Vincent Montanino | | |
| Name of Firm: | VM Associates | | |
| Address: | PO Box 397 | | |
| City, State, Zip: | Mt Arlington | NJ | 07856 |
| Phone: (ext.) | 973/770.5491 | Fax: | |
| E-mail: | VM_ASSOCIATES@MSN.COM | | |

# AUTHORITY INFORMATIONAL QUESTIONNAIRE

## ___Hanover Sewerage Authority_____
(Name)

**FISCAL YEAR: FROM:** December 1, 2015 **TO:** November 30, 2016

Answer all questions below completely and attach additional information as required.

1) Provide the number of individuals employed in calendar year 2014 as reported on the Authority's Form W-3, Transmittal of Wage and Tax Statements: ____25_____
2) Provide the amount of total salaries and wages for calendar year 2014 as reported on the Authority's Form W-3, Transmittal of Wage and Tax Statements: __1,476,197.84_____
3) Provide the number of regular voting members of the governing body: __5_____
4) Provide the number of alternate voting members of the governing body: ___0_____
5) Did any person listed on Page N-4 have a family or business relationship with any other person listed on Page N-4 during the current fiscal year? ___No_____ *If "yes," attach a description of the relationship including the names of the individuals involved and their positions at the Authority.*
6) Did all individuals that were required to file a Financial Disclosure Statement for the current fiscal year because of their relationship with the Authority file the form as required? _Yes_____ *If "no," provide a list of those individuals who failed to file a Financial Disclosure Statement and an explanation as to the reason for their failure to file.*
7) Does the Authority have any amounts receivable from current or former commissioners, officers, key employees or highest compensated employees? _No_____ *If "yes," attach a list of those individuals, their position, the amount receivable, and a description of the amount due to the Authority.*
8) Was the Authority a party to a business transaction with one of the following parties:
   a. A current or former commissioner, officer, key employee, or highest compensated employee? __No_____
   b. A family member of a current or former commissioner, officer, key employee, or highest compensated employee? ___No_____
   c. An entity of which a current or former commissioner, officer, key employee, or highest compensated employee (or family member thereof) was an officer or direct or indirect owner? ____No_____

   *If the answer to any of the above is "yes," attach a description of the transaction including the name of the commissioner, officer, key employee, or highest compensated employee (or family member thereof) of the Authority; the name of the entity and relationship to the individual or family member; the amount paid; and whether the transaction was subject to a competitive bid process.*
9) Did the Authority during the most recent fiscal year pay premiums, directly or indirectly, on a personal benefit contract? A personal benefit contract is generally any life insurance, annuity, or endowment contract that benefits, directly or indirectly, the transferor, a member of the transferor's family, or any other person designated by the transferor. _No_____ *If "yes," attach a description of the arrangement, the premiums paid, and indicate the beneficiary of the contract.*
10) Explain the Authority's process for determining compensation for all persons listed on Page N-4. Include whether the Authority's process includes any of the following: 1) review and approval by the commissioners or a committee thereof; 2) study or survey of compensation data for comparable positions in similarly sized entities; 3) annual or periodic performance evaluation; 4) independent compensation consultant; and/or 5) written employment contract. ***Attach narrative.*** See Attached
11) Did the Authority pay for meals or catering during the current fiscal year? ___Yes_____ *If "yes," attach a detailed list of all meals and/or catering invoices for the current fiscal year and provide an explanation for each expenditure listed.* See Attached

12) Did the Authority pay for travel expenses for any employee or individual listed on Page N-4? ___Yes_____ *If "yes," attach a detailed list of all travel expenses for the current fiscal year and provide an explanation for each expenditure listed.* See Attached

13) Did the Authority provide any of the following to or for a person listed on Page N-4 or any other employee of the Authority:
    a. First class or charter travel _____No_____
    b. Travel for companions _____No_
    c. Tax indemnification and gross-up payments ___No_____
    d. Discretionary spending account ___ No _____
    e. Housing allowance or residence for personal use __ No _____
    f. Payments for business use of personal residence ___ No _____
    g. Vehicle/auto allowance or vehicle for personal use __ No _____
    h. Health or social club dues or initiation fees _____ No _____
    i. Personal services (i.e.: maid, chauffeur, chef) ___ No _____

    *If the answer to any of the above is "yes," attach a description of the transaction including the name and position of the individual and the amount expended.*

14) Did the Authority follow a written policy regarding payment or reimbursement for expenses incurred by employees and/or commissioners during the course of Authority business <u>and</u> does that policy require substantiation of expenses through receipts or invoices prior to reimbursement? __Yes_____ *If "no," attach an explanation of the Authority's process for reimbursing employees and commissioners for expenses.*

15) Did the Authority make any payments to current or former commissioners or employees for severance or termination? ____Not in current FY_____ *If "yes," attach explanation including amount paid.*

16) Did the Authority make any payments to current or former commissioners or employees that were contingent upon the performance of the Authority or that were considered discretionary bonuses? ____ No ____ *If "yes," attach explanation including amount paid.*

17) Did the Authority comply with its Continuing Disclosure Agreements for all debt issuances outstanding by submitting its audited annual financial statements, annual operating data, and notice of material events to the Municipal Securities Rulemaking Board's Electronic Municipal Marketplace Access (EMMA) as required? _____N/A___ *If "no," attach a description of the Authority's plan to ensure compliance with its Continuing Disclosure Agreements in the future.*

18) Did the Authority receive any notices from the Department of Environmental Protection or any other entity regarding maintenance or repairs required to the Authority's systems to bring them into compliance with current regulations and standards that it has not yet taken action to remediate? __ No _____ *If "yes," attach explanation as to why the Authority has not yet undertaken the required maintenance or repairs and describe the Authority's plan to address the conditions identified.*

19) Did the Authority receive any notices of fines or assessments from the Department of Environmental Protection or any other entity due to noncompliance with current regulations (i.e.: sewer overflow, etc.)? ___ No _____ *If "yes," attach a description of the event or condition that resulted in the fine or assessment and indicate the amount of the fine or assessment.*

Page N-3 Question 10

Salaries of commissioners were set by Township Ordinance.

Salaries of employees are set by resolution of the Authority. Adjustments are based on a merit system.

Employees receive annual performance evaluations conducted by their supervisor. These are reviewed by the Executive Director. Any adjustment is dependent on the results of the evaluation. Comparisons with other agencies are made as needed.

## Page N-3 Question 11

Meals and Catering During 2015 Fiscal Year

| Date | Purpose | Amount |
|---|---|---|
| 12.16.14 | Holiday Lunch- 35 persons invited | $ 1,093.88 |
| 2.11.15 | Design Review Meeting | $ 157.35 |
| 6.23.15 | AEA Meeting | $ 475.00 |
| 8.13.15 | Annual Meeting and Plant Tour with Township Officials- 90 persons invited | $ 1,081.27 |
| Various- 7 events | Meals for staff during after hours work and emergencies | $ 501.96 |

# Page N-3 Question 12

Employee Travel Reimbursement in 2015 Fiscal Year

| Date | Purpose | Person | Amount |
|---|---|---|---|
| 3.10-11.15 | AEA Meeting- Atlantic City | Wynne | $ 100.05 |
| 4.15.15 | GPANJ- Atlantic City | Wynne | $ 78.04 |
| 4.30.15 | Rutger Purchasing- Atlantic City | Wynne | $ 161.44 |
| 6.10.15 | DEP--Ocean Cty SA | Wynne | $ 45.55 |
| | Milage at IRS rate | Various | |
| | Tolls | Various | |

# AUTHORITY SCHEDULE OF COMMISSIONERS, OFFICERS, KEY EMPLOYEES, HIGHEST COMPENSATED EMPLOYEES AND INDEPENDENT CONTRACTORS

## Hanover Sewerage Authority

(Name)

**FISCAL YEAR: FROM:** December 1, 2015 **TO:** November 30, 2016

*Complete the attached table for all persons required to be listed per #1-4 below.*

1) List all of the Authority's current commissioners and officers and amount of compensation from the Authority and any other public entities as defined below. Enter zero if no compensation was paid.
2) List all of the Authority's key employees and highest compensated employees other than a commissioner or officer as defined below and amount of compensation from the Authority and any other public entities.
3) List all of the Authority's former officers, key employees and highest compensated employees who received more than $100,000 in reportable compensation from the Authority and any other public entities during the most recent fiscal year completed.
4) List all of the Authority's former commissioners who received more than $10,000 in reportable compensation from the Authority and any other public entities during the most recent fiscal year completed.

**Commissioner:** A member of the governing body of the authority with voting rights. Include alternates for purposes of this schedule.

**Officer:** A person elected or appointed to manage the authority's daily operations at any time during the year, such as the chairperson, vice-chairperson, secretary, or treasurer. For the purposes of this schedule, treat the authority's top management official and top financial official as officers. A member of the governing body may be both a commissioner and an officer for the purposes of this schedule.

**Key employee:** An employee or independent contractor of the authority (other than a commissioner or officer) who meets both of the following criteria:

a) The individual received reportable compensation from the authority and other public entities in excess of $150,000 for the most recent fiscal year completed; and

b) The individual has responsibilities or influence over the authority as a whole or has power to control or determine 10% or more of the authority's capital expenditures or operating budget.

**Highest compensated employee:** One of the five highest compensated employees or independent contractors of the authority other than current commissioners, officers, or key employees whose aggregate reportable compensation from the authority and other public entities is greater than $100,000 for the most recent fiscal year completed.

**Compensation:** All forms of cash and non-cash payments or benefits provided in exchange for services, including salaries and wages, bonuses, severance payments, deferred payments, retirement benefits, fringe benefits, and other financial arrangements or transactions such as personal vehicles, meals, housing, personal and family education benefits, below-market loans, payment of personal or family travel, entertainment, and personal use of the Authority's property. Compensation includes payments and other benefits provided to both employees and independent contractors in exchange for services.

**Reportable compensation:** The aggregate compensation that is reported (or is required to be reported) on Form W-2, box 1 or 5, whichever amount is greater, and/or Form 1099-MISC, box 7, for the most recent calendar year ended 60 days before the start of the proposed budget year. For example, for fiscal years ending December 31, 2016, the calendar year 2014 W-2 and 1099 should be used (60 days prior to start of budget year is November 1, 2015, with 2014 being the most recent calendar year ended), and for fiscal years ending June 30, 2017, the calendar year 2015 W-2 and 1099 should be used (60 days prior to start of budget year is May 1, 2016, with 2015 being the most recent calendar year ended).

**Other Public Entity:** Any municipality, county, local authority, fire district, or other government unit, regardless of whether it is related in any way to the Authority either by function or by physical location.

## Authority Schedule of Commissioners, Officers, Key Employees, Highest Compensated Employees and Independent Contractors (Continued)

Hanover Sewerage Authority

For the Period December 1, 2015 to November 30, 2016

| | Name | Title | Average Hours per Week Dedicated to Position | Position: Commissioner | Position: Officer | Position: Key Employee | Position: Highest Compensated Employee | Position: Former | Reportable Compensation from Authority (W-2/ 1099): Base Salary/ Stipend | Bonus | Other (auto allowance, expense account, payment in lieu of health benefits, etc.) | Estimated amount of other compensation from the Authority (health benefits, pension, etc.) | Total Compensation from Authority | Names of Other Public Entities where Individual is an Employee or Member of the Governing Body | Positions held at Other Public Entities Listed in Column O | Average Hours per Week Dedicated to Positions at Other Public Entities Listed in Column O | Reportable Compensation from Other Public Entities (W-2/ 1099) | Estimated amount of other compensation from Other Public Entities (health benefits, pension, payment in lieu of health benefits, etc.) | Total Compensation All Public Entities |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Schleifer, Joseph | Commissioner | 1 | X | | | | | $ 100 | $ - | $ - | $ - | $ 100 | N/A | N/A | N/A | $ - | $ - | $ 100 |
| 2 | Dittrick, Dennis | Commissioner | 1 | X | | | | | 100 | - | - | - | 100 | NJSEA | Guest Service | Intermediate | 3,363 | - | 3,463 |
| 3 | Byrne, William | Commissioner | 1 | X | | | | | 100 | - | - | - | 100 | N/A | N/A | N/A | - | - | 100 |
| 4 | Corona, John | Commissioner | 1 | X | | | | | 100 | - | - | - | 100 | N/A | N/A | N/A | - | - | 100 |
| 5 | Kuehner, William | Commissioner | 1 | X | | | | | 100 | - | - | - | 100 | N/A | N/A | N/A | - | - | 100 |
| 6 | Wynne, Michael | Executive Directo | 40 | | X | | | | 140,750 | - | - | $ 34,821 | 175,571 | N/A | N/A | N/A | - | - | 175,571 |
| 7 | Tyrrell, Peter | Plant Superintend | 40 | | | X | | | 118,184 | - | - | 28,083 | 146,267 | N/A | N/A | N/A | - | - | 146,267 |
| 8 | Carnasta, Thomas | Operations/Maint | 40 | | | | X | | 106,050 | 9,873 | - | 31,905 | 147,827 | N/A | N/A | N/A | - | - | 147,827 |
| 9 | Melendez, Michel | Lab Manager | 40 | | | | X | | 99,096 | 7,795 | - | 17,670 | 124,562 | N/A | N/A | N/A | - | - | 124,562 |
| 10 | Esposito, Silvio | Treasurer | 5 | | X | | | | - | - | - | - | - | Twsp Hanover | CMFO/CTC | 30 + | 126,395 | 17,802 | 144,197 |
| 11 | | | | | | | | | | | | | - | | | | | | - |
| 12 | | | | | | | | | | | | | - | | | | | | - |
| 13 | | | | | | | | | | | | | - | | | | | | - |
| 14 | | | | | | | | | | | | | - | | | | | | - |
| 15 | | | | | | | | | | | | | - | | | | | | - |
| | Total: | | | | | | | | $464,580 | $ 17,668 | $ - | $ 112,479 | $ 594,727 | | | | $ 129,758 | $ 17,802 | $ 742,287 |

Enter the total number of employees/ independent contractors who received more than $100,000 in total reportable compensation for the most recent fiscal year completed: 4

# Schedule of Health Benefits - Detailed Cost Analysis

**Hanover Sewerage Authority**

For the Period December 1, 2015 to November 30, 2016

| | # of Covered Members (Medical & Rx) Proposed Budget | Annual Cost Estimate per Employee Proposed Budget | Total Cost Estimate Proposed Budget | # of Covered Members (Medical & Rx) Current Year | Annual Cost per Employee Current Year | Total Current Year Cost | $ Increase (Decrease) | % Increase (Decrease) |
|---|---|---|---|---|---|---|---|---|
| **Active Employees - Health Benefits - Annual Cost** | | | | | | | | |
| Single Coverage | 3 | $ 11,657 | $ 34,971 | 3 | $ 10,817 | $ 32,451 | $ 2,520 | 7.8% |
| Parent & Child | 1 | 20,109 | 20,109 | - | - | - | 20,109 | #DIV/0! |
| Employee & Spouse (or Partner) | 6 | 23,766 | 142,596 | 6 | 21,634 | 129,804 | 12,792 | 9.9% |
| Family | 9 | 31,722 | 285,498 | 12 | 29,098 | 349,176 | (63,678) | -18.2% |
| Employee Cost Sharing Contribution (enter as negative - ) | | | (98,500) | | | (100,000) | 1,500 | -1.5% |
| Subtotal | 19 | | 384,674 | 21 | | 411,431 | (26,757) | -6.5% |
| **Commissioners - Health Benefits - Annual Cost** | | | | | | | | |
| Single Coverage | | | - | | | - | - | #DIV/0! |
| Parent & Child | | | - | | | - | - | #DIV/0! |
| Employee & Spouse (or Partner) | | | - | | | - | - | #DIV/0! |
| Family | | | - | | | - | - | #DIV/0! |
| Employee Cost Sharing Contribution (enter as negative - ) | | | | | | | - | #DIV/0! |
| Subtotal | 0 | | - | 0 | | - | - | #DIV/0! |
| **Retirees - Health Benefits - Annual Cost** | | | | | | | | |
| Single Coverage | 2 | 6,808 | 13,616 | 2 | 6,189 | 12,378 | 1,238 | 10.0% |
| Parent & Child | 2 | 16,259 | 32,518 | 2 | 14,780 | 29,560 | 2,958 | 10.0% |
| Employee & Spouse (or Partner) | 3 | 16,287 | 48,861 | 3 | 14,806 | 44,418 | 4,443 | 10.0% |
| Family | 1 | 39,877 | 39,877 | 1 | 36,252 | 36,252 | 3,625 | 10.0% |
| Employee Cost Sharing Contribution (enter as negative - ) | | | - | | | - | - | #DIV/0! |
| Subtotal | 8 | | 134,872 | 8 | | 122,608 | 12,264 | 10.0% |
| **GRAND TOTAL** | 27 | | $ 519,546 | 29 | | $ 534,039 | $ (14,493) | -2.7% |

**Is medical coverage provided by the SHBP (Yes or No)?** Yes

**Is prescription drug coverage provided by the SHBP (Yes or No)?** Yes

# Schedule of Accumulated Liability for Compensated Absences

**Hanover Sewerage Authority**

For the Period December 1, 2015 to November 30, 2016

***Complete the below table for the Authority's accrued liability for compensated absences.***

| Individuals Eligible for Benefit | Gross Days of Accumulated Compensated Absences at beginning of Current Year | Dollar Value of Accrued Compensated Absence Liability | *Legal Basis for Benefit (check applicable items)* Approved Labor Agreement | Resolution | Individual Employment Agreement |
|---|---|---|---|---|---|
| Sanchelli, Frank | 142 | $ 9,129 | | X | |
| Gasparine, Christine | 72.5 | 3,820 | | X | |
| Pozsonyi, George | 34.5 | - | | X | |
| Wynne, Michael | 250 | 27,198 | | X | |
| | | | | | |
| | | | | | |
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| | | | | | |
| | | | | | |

**Total liability for accumulated compensated absences at beginning of current year** $ 40,147

# Schedule of Shared Service Agreements

Hanover Sewerage Authority

For the Period December 1, 2015 to November 30, 2016

***Enter the shared service agreements that the Authority currently engages in and identify the amount that is received/paid for those services.***

| Name of Entity Providing Service | Name of Entity Receiving Service | Type of Shared Service Provided | Comments (Enter more specifics if needed) | Agreement Effective Date | Agreement End Date | Amount to be Received by/ Paid from Authority |
|---|---|---|---|---|---|---|
| | | | | | | |
| | | | | | | |
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| | | | | | | |

# 2016 AUTHORITY BUDGET

## Financial Schedules Section

**nstructions:**

nput requested information in highlighted boxes only. Information input into yellow boxes will automatically fill throughout :he rest of the workbook. Please round to the nearest whole dollar. No pennies.

Authorities with fewer than 6 operations should mark the unused operations boxes below "N/A."

| | | |
|---|---|---|
| Name: | **Hanover Sewerage Authority** | |
| Period Begin (i.e.: January 1, 2016): | | December 1, 2015 |
| Period End (i.e.: December 31, 2016): | | November 30, 2016 |
| Operation 1: | **Sewerage** | |
| Operation 2: | **N/A** | |
| Operation 3: | **N/A** | |
| Operation 4: | **N/A** | |
| Operation 5: | **N/A** | |
| Operation 6: | **N/A** | |

# 2016 Budget Summary

**Hanover Sewerage Authority**

For the Period December 1, 2015 to November 30, 2016

| | *Proposed Budget* | | | | | | | *Adopted Budget* | *$ Increase (Decrease) Proposed vs. Adopted* | *% Increase (Decrease) Proposed vs. Adopted* |
|---|---|---|---|---|---|---|---|---|---|---|
| | **Sewerage** | **N/A** | **N/A** | **N/A** | **N/A** | **N/A** | **Total All Operations** | **Total All Operations** | **All Operations** | **All Operations** |
| **REVENUES** | | | | | | | | | | |
| Total Operating Revenues | $ 6,795,515 | $ - | $ - | $ - | $ - | $ - | $ 6,795,515 | $ 6,730,215 | $ 65,300 | 1.0% |
| Total Non-Operating Revenues | 2,000 | - | - | - | - | - | 2,000 | 2,000 | - | 0.0% |
| Total Anticipated Revenues | 6,797,515 | - | - | - | - | - | 6,797,515 | 6,732,215 | 65,300 | 1.0% |
| **APPROPRIATIONS** | | | | | | | | | | |
| Total Administration | 854,315 | - | - | - | - | - | 854,315 | 840,515 | 13,800 | 1.6% |
| Total Cost of Providing Services | 4,373,200 | - | - | - | - | - | 4,373,200 | 4,267,700 | 105,500 | 2.5% |
| Total Principal Payments on Debt Service in Lieu of Depreciation | 729,000 | - | - | - | - | - | 729,000 | 703,000 | 26,000 | 3.7% |
| Total Operating Appropriations | 5,956,515 | - | - | - | - | - | 5,956,515 | 5,811,215 | 145,300 | 2.5% |
| Total Interest Payments on Debt | 191,000 | - | - | - | - | - | 191,000 | 171,000 | 20,000 | 11.7% |
| Total Other Non-Operating Appropriations | 1,150,000 | - | - | - | - | - | 1,150,000 | 750,000 | 400,000 | 53.3% |
| Total Non-Operating Appropriations | 1,341,000 | - | - | - | - | - | 1,341,000 | 921,000 | 420,000 | 45.6% |
| Accumulated Deficit | - | - | - | - | - | - | - | - | - | #DIV/0! |
| Total Appropriations and Accumulated Deficit | 7,297,515 | - | - | - | - | - | 7,297,515 | 6,732,215 | 565,300 | 8.4% |
| Less: Total Unrestricted Net Position Utilized | 500,000 | - | - | - | - | - | 500,000 | - | 500,000 | #DIV/0! |
| Net Total Appropriations | 6,797,515 | - | - | - | - | - | 6,797,515 | 6,732,215 | 65,300 | 1.0% |
| **ANTICIPATED SURPLUS (DEFICIT)** | $ - | $ - | $ - | $ - | $ - | $ - | $ - | $ - | $ - | #DIV/0! |

# 2016 Revenue Schedule

**Hanover Sewerage Authority**

For the Period December 1, 2015 to November 30, 2016

| | Proposed Budget | | | | | | | Adopted Budget | $ Increase (Decrease) Proposed vs. Adopted | % Increase (Decrease) Proposed vs. Adopted |
|---|---|---|---|---|---|---|---|---|---|---|
| | Sewerage | N/A | N/A | N/A | N/A | N/A | Total All Operations | Total All Operations | All Operations | All Operations |
| **)PERATING REVENUES** | | | | | | | | | | |
| *'ervice Charges* | | | | | | | | | | |
| Residential | $2,971,718 | $ - | $ - | $ - | $ - | $ - | $2,971,718 | $ 2,904,102 | $ 67,616 | 2.3% |
| Business/Commercial | 3,106,797 | - | - | - | - | - | 3,106,797 | 3,201,113 | (94,316) | -2.9% |
| Industrial | - | - | - | - | - | - | - | - | - | #DIV/0! |
| Intergovernmental | - | - | - | - | - | - | - | - | - | #DIV/0! |
| Other | - | - | - | - | - | - | - | - | - | #DIV/0! |
| Total Service Charges | 6,078,515 | - | - | - | - | - | 6,078,515 | 6,105,215 | (26,700) | -0.4% |
| *:onnection Fees* | | | | | | | | | | |
| Residential | - | - | - | - | - | - | - | - | - | #DIV/0! |
| Business/Commercial | - | - | - | - | - | - | - | - | - | #DIV/0! |
| Industrial | - | - | - | - | - | - | - | - | - | #DIV/0! |
| Intergovernmental | - | - | - | - | - | - | - | - | - | #DIV/0! |
| Other | 200,000 | - | - | - | - | - | 200,000 | 200,000 | - | 0.0% |
| Total Connection Fees | 200,000 | - | - | - | - | - | 200,000 | 200,000 | - | 0.0% |
| *'arking Fees* | | | | | | | | | | |
| Meters | - | - | - | - | - | - | - | - | - | #DIV/0! |
| Permits | - | - | - | - | - | - | - | - | - | #DIV/0! |
| Fines/Penalties | - | - | - | - | - | - | - | - | - | #DIV/0! |
| Other | - | - | - | - | - | - | - | - | - | #DIV/0! |
| Total Parking Fees | - | - | - | - | - | - | - | - | - | #DIV/0! |
| *)ther Operating Revenues (List)* | | | | | | | | | | |
| Pretreatment Program Fees | 450,000 | - | - | - | - | - | 450,000 | 358,000 | 92,000 | 25.7% |
| Application Fees | 25,000 | - | - | - | - | - | 25,000 | 25,000 | - | 0.0% |
| Interest Delinquent Accounts | 22,000 | - | - | - | - | - | 22,000 | 22,000 | - | 0.0% |
| Inspection Fees | 20,000 | - | - | - | - | - | 20,000 | 20,000 | - | 0.0% |
| Total Other Revenue | 517,000 | - | - | - | - | - | 517,000 | 425,000 | 92,000 | 21.6% |
| Total Operating Revenues | 6,795,515 | - | - | - | - | - | 6,795,515 | 6,730,215 | 65,300 | 1.0% |
| **ION-OPERATING REVENUES** | | | | | | | | | | |
| *;rants & Entitlements (List)* | | | | | | | | | | |
| Grant #1 | - | - | - | - | - | - | - | - | - | #DIV/0! |
| Grant #2 | - | - | - | - | - | - | - | - | - | #DIV/0! |
| Grant #3 | - | - | - | - | - | - | - | - | - | #DIV/0! |
| Grant #4 | - | - | - | - | - | - | - | - | - | #DIV/0! |
| Total Grants & Entitlements | - | - | - | - | - | - | - | - | - | #DIV/0! |
| *.ocal Subsidies & Donations (List)* | | | | | | | | | | |
| Local Subsidy #1 | - | - | - | - | - | - | - | - | - | #DIV/0! |
| Local Subsidy #2 | - | - | - | - | - | - | - | - | - | #DIV/0! |
| Local Subsidy #3 | - | - | - | - | - | - | - | - | - | #DIV/0! |
| Local Subsidy #4 | - | - | - | - | - | - | - | - | - | #DIV/0! |
| Total Local Subsidies & Donations | - | - | - | - | - | - | - | - | - | #DIV/0! |
| *nterest on Investments & Deposits* | | | | | | | | | | |
| Investments | 1,000 | - | - | - | - | - | 1,000 | 1,000 | - | 0.0% |
| Security Deposits | - | - | - | - | - | - | - | - | - | #DIV/0! |
| Penalties | - | - | - | - | - | - | - | - | - | #DIV/0! |
| Other Investments | - | - | - | - | - | - | - | - | - | #DIV/0! |
| Total Interest | 1,000 | - | - | - | - | - | 1,000 | 1,000 | - | 0.0% |
| *)ther Non-Operating Revenues (List)* | | | | | | | | | | |
| Other Misellaneous | 1,000 | - | - | - | - | - | 1,000 | 1,000 | - | 0.0% |
| Other Non-Operating #2 | - | - | - | - | - | - | - | - | - | #DIV/0! |
| Other Non-Operating #3 | - | - | - | - | - | - | - | - | - | #DIV/0! |
| Other Non-Operating #4 | - | - | - | - | - | - | - | - | - | #DIV/0! |
| Other Non-Operating Revenues | 1,000 | - | - | - | - | - | 1,000 | 1,000 | - | 0.0% |
| Total Non-Operating Revenues | 2,000 | - | - | - | - | - | 2,000 | 2,000 | - | 0.0% |
| **TOTAL ANTICIPATED REVENUES** | $6,797,515 | $ - | $ - | $ - | $ - | $ - | $6,797,515 | $ 6,732,215 | $ 65,300 | 1.0% |

# 2015 Adopted Revenue Schedule

**Hanover Sewerage Authority**

| | *Adopted Budget* | | | | | | |
|---|---|---|---|---|---|---|---|
| | **Sewerage** | **N/A** | **N/A** | **N/A** | **N/A** | **N/A** | **Total All Operations** |
| **OPERATING REVENUES** | | | | | | | |
| *Service Charges* | | | | | | | |
| Residential | $ 2,904,102 | $ - | $ - | $ - | $ - | $ - | $ 2,904,102 |
| Business/Commercial | 3,201,113 | - | - | - | - | - | 3,201,113 |
| Industrial | - | - | - | - | - | - | - |
| Intergovernmental | - | - | - | - | - | - | - |
| Other | - | - | - | - | - | - | - |
| Total Service Charges | 6,105,215 | - | - | - | - | - | 6,105,215 |
| *Connection Fees* | | | | | | | |
| Residential | - | - | - | - | - | - | - |
| Business/Commercial | - | - | - | - | - | - | - |
| Industrial | - | - | - | - | - | - | - |
| Intergovernmental | - | - | - | - | - | - | - |
| Other | 200,000 | - | - | - | - | - | 200,000 |
| Total Connection Fees | 200,000 | - | - | - | - | - | 200,000 |
| *Parking Fees* | | | | | | | |
| Meters | - | - | - | - | - | - | - |
| Permits | - | - | - | - | - | - | - |
| Fines/Penalties | - | - | - | - | - | - | - |
| Other | - | - | - | - | - | - | - |
| Total Parking Fees | - | - | - | - | - | - | - |
| *Other Operating Revenues (List)* | | | | | | | |
| Pretreatment Program Fees | 358,000 | - | - | - | - | - | 358,000 |
| Application Fees | 25,000 | - | - | - | - | - | 25,000 |
| Interest Delinquent Accounts | 22,000 | - | - | - | - | - | 22,000 |
| Inspection Fees | 20,000 | - | - | - | - | - | 20,000 |
| Total Other Revenue | 425,000 | - | - | - | - | - | 425,000 |
| Total Operating Revenues | 6,730,215 | - | - | - | - | - | 6,730,215 |
| **NON-OPERATING REVENUES** | | | | | | | |
| *Grants & Entitlements (List)* | | | | | | | |
| Grant #1 | | | | | | | - |
| Grant #2 | | | | | | | - |
| Grant #3 | | | | | | | - |
| Grant #4 | | | | | | | - |
| Total Grants & Entitlements | - | - | - | - | - | - | - |
| *Local Subsidies & Donations (List)* | | | | | | | |
| Local Subsidy #1 | | | | | | | - |
| Local Subsidy #2 | | | | | | | - |
| Local Subsidy #3 | | | | | | | - |
| Local Subsidy #4 | | | | | | | - |
| Total Local Subsidies & Donations | - | - | - | - | - | - | - |
| *Interest on Investments & Deposits* | | | | | | | |
| Investments | 1,000 | - | - | - | - | - | 1,000 |
| Security Deposits | - | - | - | - | - | - | - |
| Penalties | - | - | - | - | - | - | - |
| Other Investments | - | - | - | - | - | - | - |
| Total Interest | 1,000 | - | - | - | - | - | 1,000 |
| *Other Non-Operating Revenues (List)* | | | | | | | |
| Other Miscellaneous | 1,000 | - | - | - | - | - | 1,000 |
| Other Non-Operating #2 | - | - | - | - | - | - | - |
| Other Non-Operating #3 | - | - | - | - | - | - | - |
| Other Non-Operating #4 | - | - | - | - | - | - | - |
| Other Non-Operating Revenues | 1,000 | - | - | - | - | - | 1,000 |
| Total Non-Operating Revenues | 2,000 | - | - | - | - | - | 2,000 |
| **TOTAL ANTICIPATED REVENUES** | $ 6,732,215 | $ - | $ - | $ - | $ - | $ - | $ 6,732,215 |

# 2016 Appropriations Schedule

Hanover Sewerage Authority

For the Period December 1, 2015 to November 30, 2016

| | Proposed Budget | | | | | | | Adopted Budget | $ Increase (Decrease) Proposed vs. Adopted | % Increase (Decrease) Proposed vs. Adopted |
|---|---|---|---|---|---|---|---|---|---|---|
| | Sewerage | N/A | N/A | N/A | N/A | N/A | Total All Operations | Total All Operations | All Operations | All Operations |
| **OPERATING APPROPRIATIONS** | | | | | | | | | | |
| *Administration - Personnel* | | | | | | | | | | |
| Salary & Wages | $ 225,000 | $ - | $ - | $ - | $ - | $ - | $ 225,000 | $ 222,000 | $ 3,000 | 1.4% |
| Fringe Benefits | 115,300 | - | - | - | - | - | 115,300 | 108,000 | 7,300 | 6.8% |
| Total Administration - Personnel | 340,300 | - | - | - | - | - | 340,300 | 330,000 | 10,300 | 3.1% |
| *Administration - Other (List)* | | | | | | | | | | |
| Insurance-Liability/Auto/Property/Enviromen | 12,000 | - | - | - | - | - | 12,000 | 12,000 | - | 0.0% |
| Township Of Hanover Reimbursement | 64,015 | - | - | - | - | - | 64,015 | 64,015 | - | 0.0% |
| Professional Services | 372,500 | - | - | - | - | - | 372,500 | 368,500 | 4,000 | 1.1% |
| Other Admin Expense #4 | | - | - | - | - | - | - | - | - | #DIV/0! |
| Miscellaneous Administration* | 65,500 | - | - | - | - | - | 65,500 | 66,000 | (500) | -0.8% |
| Total Administration - Other | 514,015 | - | - | - | - | - | 514,015 | 510,515 | 3,500 | 0.7% |
| Total Administration | 854,315 | - | - | - | - | - | 854,315 | 840,515 | 13,800 | 1.6% |
| *Cost of Providing Services - Personnel* | | | | | | | | | | |
| Salary & Wages | 1,615,000 | - | - | - | - | - | 1,615,000 | 1,605,000 | 10,000 | 0.6% |
| Fringe Benefits | 868,000 | - | - | - | - | - | 868,000 | 852,200 | 15,800 | 1.9% |
| Total COPS - Personnel | 2,483,000 | - | - | - | - | - | 2,483,000 | 2,457,200 | 25,800 | 1.0% |
| *Cost of Providing Services - Other (List)* | | | | | | | | | | |
| Insurance-Liability/Auto/Property/Enviromen | 87,000 | - | - | - | - | - | 87,000 | 83,500 | 3,500 | 4.2% |
| Operating & Maintenance | 1,803,200 | - | - | - | - | - | 1,803,200 | 1,727,000 | 76,200 | 4.4% |
| Other COPS Expense #3 | - | - | - | - | - | - | - | - | - | #DIV/0! |
| Other COPS Expense #4 | - | - | - | - | - | - | - | - | - | #DIV/0! |
| Miscellaneous COPS* | - | - | - | - | - | - | - | - | - | #DIV/0! |
| Total COPS - Other | 1,890,200 | - | - | - | - | - | 1,890,200 | 1,810,500 | 79,700 | 4.4% |
| Total Cost of Providing Services | 4,373,200 | - | - | - | - | - | 4,373,200 | 4,267,700 | 105,500 | 2.5% |
| Total Principal Payments on Debt Service In Lieu of Depreciation | 729,000 | - | - | - | - | - | 729,000 | 703,000 | 26,000 | 3.7% |
| Total Operating Appropriations | 5,956,515 | - | - | - | - | - | 5,956,515 | 5,811,215 | 145,300 | 2.5% |
| **NON-OPERATING APPROPRIATIONS** | | | | | | | | | | |
| Total Interest Payments on Debt | 191,000 | - | - | - | - | - | 191,000 | 171,000 | 20,000 | 11.7% |
| Operations & Maintenance Reserve | - | - | - | - | - | - | - | - | - | #DIV/0! |
| Renewal & Replacement Reserve | - | - | - | - | - | - | - | - | - | #DIV/0! |
| Municipality/County Appropriation | - | - | - | - | - | - | - | - | - | #DIV/0! |
| Other Reserves | 1,150,000 | - | - | - | - | - | 1,150,000 | 750,000 | 400,000 | 53.3% |
| Total Non-Operating Appropriations | 1,341,000 | - | - | - | - | - | 1,341,000 | 921,000 | 420,000 | 45.6% |
| **TOTAL APPROPRIATIONS** | 7,297,515 | - | - | - | - | - | 7,297,515 | 6,732,215 | 565,300 | 8.4% |
| **ACCUMULATED DEFICIT** | - | - | - | - | - | - | - | - | - | #DIV/0! |
| **TOTAL APPROPRIATIONS & ACCUMULATED DEFICIT** | 7,297,515 | - | - | - | - | - | 7,297,515 | 6,732,215 | 565,300 | 8.4% |
| **UNRESTRICTED NET POSITION UTILIZED** | | | | | | | | | | |
| Municipality/County Appropriation | - | - | - | - | - | - | - | - | - | #DIV/0! |
| Other | 500,000 | | | | | | 500,000 | - | 500,000 | #DIV/0! |
| Total Unrestricted Net Position Utilized | 500,000 | - | - | - | - | - | 500,000 | - | 500,000 | #DIV/0! |
| **TOTAL NET APPROPRIATIONS** | $ 6,797,515 | $ - | $ - | $ - | $ - | $ - | $ 6,797,515 | $ 6,732,215 | $ 65,300 | 1.0% |

* Miscellaneous line items may not exceed 5% of total operating appropriations shown below. If amount in miscellaneous is greater than the amount shown below, then the line item must be itemized above.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 5% of Total Operating Appropriations | $297,825.75 | $ - | $ - | $ - | $ - | $ - | $297,825.75 |

# 2015 Adopted Appropriations Schedule

**Hanover Sewerage Authority**

| | *Adopted Budget* | | | | | | |
|---|---|---|---|---|---|---|---|
| | **Sewerage** | **N/A** | **N/A** | **N/A** | **N/A** | **N/A** | **Total All Operations** |
| **OPERATING APPROPRIATIONS** | | | | | | | |
| *Administration - Personnel* | | | | | | | |
| Salary & Wages | $ 222,000 | $ - | $ - | $ - | $ - | $ - | $ 222,000 |
| Fringe Benefits | 108,000 | - | - | - | - | - | 108,000 |
| Total Administration - Personnel | 330,000 | - | - | - | - | - | 330,000 |
| *Administration - Other (List)* | | | | | | | |
| Insurance-Liability/Auto/Property/Enviromen | 12,000 | - | - | - | - | - | 12,000 |
| Reimbursement to Township | 64,015 | - | - | - | - | - | 64,015 |
| Professional Services | 368,500 | - | - | - | - | - | 368,500 |
| Other Admin Expense #4 | - | - | - | - | - | - | - |
| Miscellaneous Administration* | 66,000 | - | - | - | - | - | 66,000 |
| Total Administration - Other | 510,515 | - | - | - | - | - | 510,515 |
| Total Administration | 840,515 | - | - | - | - | - | 840,515 |
| *Cost of Providing Services - Personnel* | | | | | | | |
| Salary & Wages | 1,605,000 | - | - | - | - | - | 1,605,000 |
| Fringe Benefits | 852,200 | - | - | - | - | - | 852,200 |
| Total COPS - Personnel | 2,457,200 | - | - | - | - | - | 2,457,200 |
| *Cost of Providing Services - Other (List)* | | | | | | | |
| Insurance-Liability/Auto/Property/Enviromen | 83,500 | - | - | - | - | - | 83,500 |
| Operating & Maintenance | 1,727,000 | - | - | - | - | - | 1,727,000 |
| Other COPS Expense #3 | - | - | - | - | - | - | - |
| Other COPS Expense #4 | - | - | - | - | - | - | - |
| Miscellaneous COPS* | - | - | - | - | - | - | - |
| Total COPS - Other | 1,810,500 | - | - | - | - | - | 1,810,500 |
| Total Cost of Providing Services | 4,267,700 | - | - | - | - | - | 4,267,700 |
| Total Principal Payments on Debt Service in Lieu of Depreciation | 703,000 | - | - | - | - | - | 703,000 |
| Total Operating Appropriations | 5,811,215 | - | - | - | - | - | 5,811,215 |
| **NON-OPERATING APPROPRIATIONS** | | | | | | | |
| Total Interest Payments on Debt | 171,000 | - | - | - | - | - | 171,000 |
| Operations & Maintenance Reserve | - | - | - | - | - | - | - |
| Renewal & Replacement Reserve | - | - | - | - | - | - | - |
| Municipality/County Appropriation | - | - | - | - | - | - | - |
| Other Reserves | 750,000 | - | - | - | - | - | 750,000 |
| Total Non-Operating Appropriations | 921,000 | - | - | - | - | - | 921,000 |
| **TOTAL APPROPRIATIONS** | 6,732,215 | - | - | - | - | - | 6,732,215 |
| **ACCUMULATED DEFICIT** | | | | | | | - |
| **TOTAL APPROPRIATIONS & ACCUMULATED DEFICIT** | 6,732,215 | - | - | - | - | - | 6,732,215 |
| **UNRESTRICTED NET POSITION UTILIZED** | | | | | | | |
| Municipality/County Appropriation | - | - | - | - | - | - | - |
| Other | - | - | - | - | - | - | - |
| Total Unrestricted Net Position Utilized | - | - | - | - | - | - | - |
| **TOTAL NET APPROPRIATIONS** | $ 6,732,215 | $ - | $ - | $ - | $ - | $ - | $ 6,732,215 |

* Miscellaneous line items may not exceed 5% of total operating appropriations shown below. If amount in miscellaneous is greater than the amount shown below, then the line item must be itemized above.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 5% of Total Operating Appropriations | $290,560.75 | $ - | $ - | $ - | $ - | $ - | $290,560.75 |

# 5 Year Debt Service Schedule - Principal

Hanover Sewerage Authority

| | Current Year (2015) | Fiscal Year Beginning in 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | Thereafter | Total Principal Outstanding |
|---|---|---|---|---|---|---|---|---|---|
| *Sewerage* | | | | | | | | | |
| Series 2012A | $ 227,000 | 232,000 | 232,000 | $ 237,000 | $ 237,000 | $ 242,000 | $ 242,000 | $ 2,580,000 | $ 4,002,000 |
| Series 2014A | 420,000 | 419,000 | 420,000 | 425,000 | 430,000 | 435,000 | 440,000 | 5,625,000 | 8,194,000 |
| Series 2015A-1 | 56,000 | 78,000 | 84,000 | 84,000 | 84,000 | 84,000 | 84,000 | 1,221,000 | 1,719,000 |
| Debt Issuance #4 | - | - | - | - | - | - | - | - | - |
| Total Principal | 703,000 | 729,000 | 736,000 | 746,000 | 751,000 | 761,000 | 766,000 | 9,426,000 | 13,915,000 |
| *N/A* | | | | | | | | | |
| Debt Issuance #1 | | | | | | | | | - |
| Debt Issuance #2 | | | | | | | | | - |
| Debt Issuance #3 | | | | | | | | | - |
| Debt Issuance #4 | | | | | | | | | - |
| Total Principal | - | - | - | - | - | - | - | - | - |
| *N/A* | | | | | | | | | |
| Debt Issuance #1 | | | | | | | | | - |
| Debt Issuance #2 | | | | | | | | | - |
| Debt Issuance #3 | | | | | | | | | - |
| Debt Issuance #4 | | | | | | | | | - |
| Total Principal | - | - | - | - | - | - | - | - | - |
| *N/A* | | | | | | | | | |
| Debt Issuance #1 | | | | | | | | | - |
| Debt Issuance #2 | | | | | | | | | - |
| Debt Issuance #3 | | | | | | | | | - |
| Debt Issuance #4 | | | | | | | | | - |
| Total Principal | - | - | - | - | - | - | - | - | - |
| *N/A* | | | | | | | | | |
| Debt Issuance #1 | | | | | | | | | - |
| Debt Issuance #2 | | | | | | | | | - |
| Debt Issuance #3 | | | | | | | | | - |
| Debt Issuance #4 | | | | | | | | | - |
| Total Principal | - | - | - | - | - | - | - | - | - |
| *N/A* | | | | | | | | | |
| Debt Issuance #1 | | | | | | | | | - |
| Debt Issuance #2 | | | | | | | | | - |
| Debt Issuance #3 | | | | | | | | | - |
| Debt Issuance #4 | | | | | | | | | - |
| Total Principal | - | - | - | - | - | - | - | - | - |
| **TOTAL PRINCIPAL ALL OPERATIONS** | $ 703,000 | $ 729,000 | $ 736,000 | $ 746,000 | $ 751,000 | $ 761,000 | $ 766,000 | $ 9,426,000 | $ 13,915,000 |

*Indicate the Authority's most recent bond rating and the year of the rating by ratings service.*

| | *Moody's* | *Fitch* | *Standard & Poors* |
|---|---|---|---|
| Bond Rating | None | None | None |
| Year of Last Rating | None | None | None |

# 5 Year Debt Service Schedule - Interest

## Hanover Sewerage Authority

| | Current Year (2015) | Fiscal Year Beginning in 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | Thereafter | Total Interest Payments Outstanding |
|---|---|---|---|---|---|---|---|---|---|
| *Sewerage* | | | | | | | | | |
| Series 2012A | $ 61,000 | $ 53,000 | $ 45,000 | $ 43,000 | $ 40,000 | $ 38,000 | $ 35,000 | $ 184,000 | $ 438,000 |
| Series 2014A | 110,000 | 108,000 | 106,000 | 90,000 | 75,000 | 71,000 | 66,000 | 420,000 | 936,000 |
| Series 2015A-1 | - | 30,000 | 30,000 | 29,000 | 25,000 | 21,000 | 20,000 | 145,000 | 300,000 |
| Debt Issuance #4 | - | - | - | - | - | - | - | - | - |
| Total Interest Payments | 171,000 | 191,000 | 181,000 | 162,000 | 140,000 | 130,000 | 121,000 | 749,000 | 1,674,000 |
| *N/A* | | | | | | | | | |
| Debt Issuance #1 | | | | | | | | | - |
| Debt Issuance #2 | | | | | | | | | - |
| Debt Issuance #3 | | | | | | | | | - |
| Debt Issuance #4 | | | | | | | | | - |
| Total Interest Payments | - | - | - | - | - | - | - | - | - |
| *N/A* | | | | | | | | | |
| Debt Issuance #1 | | | | | | | | | - |
| Debt Issuance #2 | | | | | | | | | - |
| Debt Issuance #3 | | | | | | | | | - |
| Debt Issuance #4 | | | | | | | | | - |
| Total Interest Payments | - | - | - | - | - | - | - | - | - |
| *N/A* | | | | | | | | | |
| Debt Issuance #1 | | | | | | | | | - |
| Debt Issuance #2 | | | | | | | | | - |
| Debt Issuance #3 | | | | | | | | | - |
| Debt Issuance #4 | | | | | | | | | - |
| Total Interest Payments | - | - | - | - | - | - | - | - | - |
| *N/A* | | | | | | | | | |
| Debt Issuance #1 | | | | | | | | | - |
| Debt Issuance #2 | | | | | | | | | - |
| Debt Issuance #3 | | | | | | | | | - |
| Debt Issuance #4 | | | | | | | | | - |
| Total Interest Payments | - | - | - | - | - | - | - | - | - |
| *N/A* | | | | | | | | | |
| Debt Issuance #1 | | | | | | | | | - |
| Debt Issuance #2 | | | | | | | | | - |
| Debt Issuance #3 | | | | | | | | | - |
| Debt Issuance #4 | | | | | | | | | - |
| Total Interest Payments | - | - | - | - | - | - | - | - | - |
| **TOTAL INTEREST ALL OPERATIONS** | $ 171,000 | $ 191,000 | $ 181,000 | $ 162,000 | $ 140,000 | $ 130,000 | $ 121,000 | $ 749,000 | $ 1,674,000 |

# 2016 Net Position Reconciliation

**Hanover Sewerage Authority**

For the Period December 1, 2015 to November 30, 2016

| | *Proposed Budget* | | | | | | |
|---|---|---|---|---|---|---|---|
| | **Sewerage** | **N/A** | **N/A** | **N/A** | **N/A** | **N/A** | **Total All Operations** |
| **TOTAL NET POSITION BEGINNING OF CURRENT YEAR (1)** | $34,099,725 | $ - | $ - | $ - | $ - | $ - | $34,099,725 |
| Less: Invested in Capital Assets, Net of Related Debt (1) | 26,333,693 | - | - | - | - | - | 26,333,693 |
| Less: Restricted for Debt Service Reserve (1) | - | - | - | - | - | - | - |
| Less: Other Restricted Net Position (1) | 3,660,492 | - | - | - | - | - | 3,660,492 |
| Total Unrestricted Net Position (1) | 4,105,540 | - | - | - | - | - | 4,105,540 |
| Less: Designated for Non-Operating Improvements & Repairs | - | - | - | - | - | - | - |
| Less: Designated for Rate Stabilization | - | - | - | - | - | - | - |
| Less: Other Designated by Resolution | - | - | - | - | - | - | - |
| Plus: Accrued Unfunded Pension Liability (1) | - | - | - | - | - | - | - |
| Plus: Accrued Unfunded Other Post-Employment Benefit Liability (1) | 50,626 | - | - | - | - | - | 50,626 |
| Plus: Estimated Income (Loss) on Current Year Operations (2) | - | - | - | - | - | - | - |
| Plus: Other Adjustments (attach schedule) | - | - | - | - | - | - | - |
| **UNRESTRICTED NET POSITION AVAILABLE FOR USE IN PROPOSED BUDGET** | 4,156,166 | - | - | - | - | - | 4,156,166 |
| Unrestricted Net Position Utilized to Balance Proposed Budget | 500,000 | - | - | - | - | - | 500,000 |
| Unrestricted Net Position Utilized in Proposed Capital Budget | - | - | - | - | - | - | - |
| Appropriation to Municipality/County (3) | - | - | - | - | - | - | - |
| Total Unrestricted Net Position Utilized in Proposed Budget | 500,000 | - | - | - | - | - | 500,000 |
| **PROJECTED UNRESTRICTED UNDESIGNATED NET POSITION AT END OF YEAR (4)** | $ 3,656,166 | $ - | $ - | $ - | $ - | $ - | $ 3,656,166 |

*(1) Total of all operations for this line item must agree to audited financial statements.*

*(2) Include budgeted and unbudgeted use of unrestricted net position in the current year's operations.*

*(3) Amount may not exceed 5% of total operating appropriations. See calculation below.*

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Maximum Allowable Appropriation to Municipality/County | $ 297,826 | $ - | $ - | $ - | $ - | $ - | $ 297,826 |

*(4) If Authority is projecting a deficit for <u>any</u> operation at the end of the budget period, the Authority <u>must attach a statement explaining its plan to reduce the deficit, including the timeline for elimination of the deficit,</u> if not already detailed in the budget narrative section.*

# 2016

# _Hanover Sewerage

**(Name)**

# AUTHORITY CAPITAL BUDGET/ PROGRAM

# 2016 CERTIFICATION OF AUTHORITY CAPITAL BUDGET/PROGRAM

## ____Hanover Sewerage Authority_____
(Name)

**FISCAL YEAR: FROM:** December 1, 2015 **TO:** November 30, 2016

[ X ] It is hereby certified that the Authority Capital Budget/Program annexed hereto is a true copy of the Capital Budget/Program approved, pursuant to N.J.A.C. 5:31-2.2, along with the Annual Budget, by the governing body of the __Hanover Sewerage_____ Authority, on the _____ day of _____, _____.

**OR**

[ ] It is hereby certified that the governing body of the _____ Authority have elected **NOT** to adopt a Capital Budget /Program for the aforesaid fiscal year, pursuant to N.J.A.C. 5:31-2.2 for the following reason(s): _____

| | | | |
|---|---|---|---|
| Officer's Signature: | | | |
| Name: | J. William Byrne | | |
| Title: | Secretary | | |
| Address: | 1000 Route 10<br>Whippany NJ 07981 | | |
| Phone Number: | 973/428.2477 | Fax Number: | 973/515.3774 |
| E-mail address | mwynne@hanovertownship.com | | |

# 2016 CAPITAL BUDGET/PROGRAM MESSAGE

## __Hanover Sewerage_____ Authority
(Name)

**FISCAL YEAR: FROM:** December 1, 2015 **TO:** November 30, 2016

1. Has each municipality or county affected by the actions of the authority participated in the development of the capital plan and reviewed or approved the plans or projects included within the Capital Budget/Program?

**The majority of the plan does not require consultation or review with outside entities. However, where applicable, projects have been reviewed with or will be reviewed with the appropriate entity.**

2. Has each capital project/project financing been developed from a specific capital improvement plan or report; does it include full lifecycle costs; and is it consistent with appropriate elements of Master Plans or other plans in the jurisdiction(s) served by the authority?

**Projects have been developed from specific plans, reports or staff recommendations. Purchases have been developed based on the staff recommendations. The Authority staff has developed plans for rehabilitation of equipment and facilities which were constructed between 1960 and 1992. Specific NJDEP requirements for alternate disinfection are known and are being implemented. Regulatory requirements for phosphorus removal were adopted by NJDEP in 2008. Permit requirements and compliance deadlines were set by NJDEP in October 2015. Specific de-nitrification requirements are not known. Projects to increase resiliency have been planned. All of these projects have been factored into the plan.**

3. Has a long-term (10-20 years) infrastructure needs assessment or other capital plan with a horizon beyond six years been prepared?

**The Authority has developed a master plan for the collection system and the Treatment Plant has been sized to meet the ultimate needs of the service area. An analysis of major needs for the next 20 years was completed August 30, 2012 Rehabilitation plans for older facilities have also been developed. Recent NJDEP actions will require upgrades and changes in the type of treatment.**

4. Describe the projected impact of the proposed capital projects, including impact on the schedule of rates, fees, and service charges and the impact on current and future year's schedules.

**Capital projects currently underway will utilize most of the Authority's Renewal and Replacement Reserve and Unreserved Retained Earnings. Debt has been issued for Contract 24, Contract 38 and Contract 40. Renewal and Replacement Reserve funding raised from user charges has been decreased at $650,000. A number of the more costly projects involve the rehabilitation of older equipment, as noted above. These projects are expected to reduce maintenance and operating costs in future years, and projects to increase resiliency have been added to the plan.**

**The adopted TMDL will require removal of phosphorus to 0.76 mg/l. In addition, NJDEP is collecting data for potential de-nitrification requirements. A de-nitrification project will have an additional significant**

**impact on rates. Exact costs are unknown at this time. Capital projects related to denitrification and alternate disinfection will likely require loans or issuance of debt.**

5. Please indicate which capital projects/project financings are being undertaken in the Metropolitan or Suburban Planning Areas as defined in the State Development and Redevelopment Plan.

**All projects are in the Metropolitan Planning Area.**

6. Please indicate which capital projects/project financings are being undertaken within the boundary of a State Planning Commission-designated Center and/or Endorsed Plan and if the project was included in the Plan Implementation Agenda for that Center/Endorsed Plan.

**None**

*Add additional sheets if necessary.*

# 2016 Proposed Capital Budget

**Hanover Sewerage Authority**

For the Period December 1, 2015 to November 30, 2016

| | Estimated Total Cost | Funding Sources: Unrestricted Net Position Utilized | Renewal & Replacement Reserve | Debt Authorization | Capital Grants | Other Sources |
|---|---|---|---|---|---|---|
| *Sewerage* | | | | | | |
| See Attached | $ 8,760,000 | $ - | $ 4,260,000 | $ 4,500,000 | $ - | $ - |
| Project B Description | - | | | | | |
| Project C Description | - | | | | | |
| Project D Description | - | | | | | |
| Total | 8,760,000 | - | 4,260,000 | 4,500,000 | - | - |
| *N/A* | | | | | | |
| Project A Description | - | | | | | |
| Project B Description | - | | | | | |
| Project C Description | - | | | | | |
| Project D Description | - | | | | | |
| Total | - | - | - | - | - | - |
| *N/A* | | | | | | |
| Project A Description | - | | | | | |
| Project B Description | - | | | | | |
| Project C Description | - | | | | | |
| Project D Description | - | | | | | |
| Total | - | - | - | - | - | - |
| *N/A* | | | | | | |
| Project A Description | - | | | | | |
| Project B Description | - | | | | | |
| Project C Description | - | | | | | |
| Project D Description | - | | | | | |
| Total | - | - | - | - | - | - |
| *N/A* | | | | | | |
| Project A Description | - | | | | | |
| Project B Description | - | | | | | |
| Project C Description | - | | | | | |
| Project D Description | - | | | | | |
| Total | - | - | - | - | - | - |
| *N/A* | | | | | | |
| Project A Description | - | | | | | |
| Project B Description | - | | | | | |
| Project C Description | - | | | | | |
| Project D Description | - | | | | | |
| Total | - | - | - | - | - | - |
| **TOTAL PROPOSED CAPITAL BUDGET** | $ 8,760,000 | $ - | $ 4,260,000 | $ 4,500,000 | $ - | $ - |

*Enter brief description of up to four projects for each operation above. For operations with more than four budgeted projects, please attach additional schedules. Input total amount of all projects for the operation on single line and enter "See Attached Schedule" instead of project description.*

# 2016 Proposed Capital Budget

**Hanover Sewerage Authority**

For the Period December 1, 2015 to November 30, 2016

| | | *Funding Sources* | | | | |
|---|---|---|---|---|---|---|
| | **Estimated Total Cost** | **Unrestricted Net Position Utilized** | **Renewal & Replacement Reserve** | **Debt Authorization** | **Capital Grants** | **Other Sources** |
| *Sewerage* | | | | | | |
| Contract 24 | $ 500,000 | $ - | $ - | $ 500,000 | $ - | $ - |
| Trickling Filter | 150,000 | - | 150,000 | - | - | - |
| Contract 38 | 2,000,000 | - | - | 2,000,000 | - | - |
| Denitrification | - | - | - | - | - | - |
| Collection System | 250,000 | - | 250,000 | - | - | - |
| PLC | 500,000 | - | 500,000 | - | - | - |
| Storage Improvements | - | - | - | - | - | - |
| Land / Easements | 10,000 | - | 10,000 | - | - | - |
| Fuel Oil System --Contract 39 | 150,000 | - | 150,000 | - | - | - |
| Settling Tanks (4) | 1,800,000 | - | 1,800,000 | - | - | - |
| UV Disinfection | - | - | - | - | - | - |
| Fuel Supply Reliability - Contract 40 | 2,000,000 | - | - | 2,000,000 | - | - |
| Fire Alarm - Contract 41 | 400,000 | - | 400,000 | - | - | - |
| Aeration System Improvements | 1,000,000 | - | 1,000,000 | - | - | - |
| **TOTAL PROPOSED CAPITAL BUDGET** | $ 8,760,000 | $ - | $ 4,260,000 | $ 4,500,000 | $ - | $ - |

# 5 Year Capital Improvement Plan

**Hanover Sewerage Authority**

For the Period December 1, 2015 to November 30, 2016

| | Estimated Total Cost | Current Year Proposed Budget | *Fiscal Year Beginning in* 2017 | 2018 | 2019 | 2020 | 2021 |
|---|---|---|---|---|---|---|---|
| *Sewerage* | | | | | | | |
| See Attached | $ 16,500,000 | $ 8,760,000 | $1,400,000 | $ 10,000 | $ 10,000 | $ 10,000 | $ 6,310,000 |
| Project B Description | - | - | | | | | |
| Project C Description | - | - | | | | | |
| Project D Description | - | - | | | | | |
| Total | 16,500,000 | 8,760,000 | 1,400,000 | 10,000 | 10,000 | 10,000 | 6,310,000 |
| *N/A* | | | | | | | |
| Project A Description | - | - | | | | | |
| Project B Description | - | - | | | | | |
| Project C Description | - | - | | | | | |
| Project D Description | - | - | | | | | |
| Total | - | - | - | - | - | - | - |
| *N/A* | | | | | | | |
| Project A Description | - | - | | | | | |
| Project B Description | - | - | | | | | |
| Project C Description | - | - | | | | | |
| Project D Description | - | - | | | | | |
| Total | - | - | - | - | - | - | - |
| *N/A* | | | | | | | |
| Project A Description | - | - | | | | | |
| Project B Description | - | - | | | | | |
| Project C Description | - | - | | | | | |
| Project D Description | - | - | | | | | |
| Total | - | - | - | - | - | - | - |
| *N/A* | | | | | | | |
| Project A Description | - | - | | | | | |
| Project B Description | - | - | | | | | |
| Project C Description | - | - | | | | | |
| Project D Description | - | - | | | | | |
| Total | - | - | - | - | - | - | - |
| *N/A* | | | | | | | |
| Project A Description | - | - | | | | | |
| Project B Description | - | - | | | | | |
| Project C Description | - | - | | | | | |
| Project D Description | - | - | | | | | |
| Total | - | - | - | - | - | - | - |
| **TOTAL** | $ 16,500,000 | $ 8,760,000 | $1,400,000 | $ 10,000 | $ 10,000 | $ 10,000 | $ 6,310,000 |

*Project descriptions entered on Page CB-3 will carry forward to Pages CB-4 and CB-5. No need to re-enter project descriptions above.*

# 5 Year Capital Improvement Plan

**Hanover Sewerage Authority**

For the Period December 1, 2015 to November 30, 2016

| | | | *Fiscal Year Beginning in* | | | | |
|---|---|---|---|---|---|---|---|
| | **Estimated Total Cost** | **Current Year Proposed Budget** | **2017** | **2018** | **2019** | **2020** | **2021** |
| *Sewerage* | | | | | | | |
| Contract 24 | $ 500,000 | $ 500,000 | $ - | $ - | $ - | $ - | $ - |
| Trickling Filter | 150,000 | 150,000 | - | - | - | - | - |
| Contract 38 | 2,000,000 | 2,000,000 | - | - | - | - | - |
| Denitrification | 3,800,000 | - | - | - | - | - | 3,800,000 |
| Collection System | 1,440,000 | 250,000 | 1,190,000 | - | - | - | - |
| PLC | 500,000 | 500,000 | - | - | - | - | - |
| Storage Improvements | 200,000 | - | 200,000 | - | - | - | - |
| Land / Easements | 60,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 | 10,000 |
| Fuel Oil System - Contract 39 | 150,000 | 150,000 | - | - | - | - | - |
| Settling Tanks (4) | 1,800,000 | 1,800,000 | - | - | - | - | - |
| UV Disinfection | 2,500,000 | - | - | - | - | - | 2,500,000 |
| Fuel Supply Reliability - Contract 40 | 2,000,000 | 2,000,000 | - | - | - | - | - |
| Fire Alarm - Contract 41 | 400,000 | 400,000 | - | - | - | - | - |
| Aeration System Improvements | 1,000,000 | 1,000,000 | - | - | - | - | - |
| **TOTAL** | $ 16,500,000 | $ 8,760,000 | $1,400,000 | $ 10,000 | $ 10,000 | $ 10,000 | $ 6,310,000 |

# 5 Year Capital Improvement Plan Funding Sources

**Hanover Sewerage Authority**

For the Period December 1, 2015 to November 30, 2016

| | | *Funding Sources* | | | | |
|---|---|---|---|---|---|---|
| | **Estimated Total Cost** | **Unrestricted Net Position Utilized** | **Renewal & Replacement Reserve** | **Debt Authorization** | **Capital Grants** | **Other Sources** |
| *Sewerage* | | | | | | |
| See Attached | $ 16,500,000 | $ - | $ 5,700,000 | $10,800,000 | $ - | $ - |
| Project B Description | - | | | | | |
| Project C Description | - | | | | | |
| Project D Description | - | | | | | |
| Total | 16,500,000 | - | 5,700,000 | 10,800,000 | - | - |
| *N/A* | | | | | | |
| Project A Description | - | | | | | |
| Project B Description | - | | | | | |
| Project C Description | - | | | | | |
| Project D Description | - | | | | | |
| Total | - | - | - | - | - | - |
| *N/A* | | | | | | |
| Project A Description | - | | | | | |
| Project B Description | - | | | | | |
| Project C Description | - | | | | | |
| Project D Description | - | | | | | |
| Total | - | - | - | - | - | - |
| *N/A* | | | | | | |
| Project A Description | - | | | | | |
| Project B Description | - | | | | | |
| Project C Description | - | | | | | |
| Project D Description | - | | | | | |
| Total | - | - | - | - | - | - |
| *N/A* | | | | | | |
| Project A Description | - | | | | | |
| Project B Description | - | | | | | |
| Project C Description | - | | | | | |
| Project D Description | - | | | | | |
| Total | - | - | - | - | - | - |
| *N/A* | | | | | | |
| Project A Description | - | | | | | |
| Project B Description | - | | | | | |
| Project C Description | - | | | | | |
| Project D Description | - | | | | | |
| Total | - | - | - | - | - | - |
| **TOTAL** | $ 16,500,000 | $ - | $ 5,700,000 | $10,800,000 | $- | $ - |
| Total 5 Year Plan per CB-4 | $ 16,500,000 | | | | | |
| Balance check | - | *If amount is other than zero, verify that projects listed above match projects listed on CB-4.* | | | | |

*Project descriptions entered on Page CB-3 will carry forward to Pages CB-4 and CB-5. No need to re-enter project descriptions above.*

# 5 Year Capital Improvement Plan Funding Sources

**Hanover Sewerage Authority**

For the Period December 1, 2015 to November 30, 2016

| | | *Funding Sources* | | | | |
|---|---|---|---|---|---|---|
| | **Estimated Total Cost** | **Unrestricted Net Position Utilized** | **Renewal & Replacement Reserve** | **Debt Authorization** | **Capital Grants** | **Other Sources** |
| *Sewerage* | | | | | | |
| Contract 24 | $ 500,000 | $ - | $ - | $ 500,000 | $ - | $ - |
| Trickling Filter | 150,000 | - | 150,000 | - | - | - |
| Contract 38 | 2,000,000 | - | - | 2,000,000 | - | - |
| Denitrification | 3,800,000 | - | - | 3,800,000 | - | - |
| Collection System | 1,440,000 | - | 1,440,000 | - | - | - |
| PLC | 500,000 | - | 500,000 | - | - | - |
| Storage Improvements | 200,000 | - | 200,000 | - | - | - |
| Land / Easements | 60,000 | - | 60,000 | - | - | - |
| Fuel Oil System - Contract 39 | 150,000 | - | 150,000 | - | - | - |
| Settling Tanks (4) | 1,800,000 | - | 1,800,000 | - | - | - |
| UV Disinfection | 2,500,000 | - | - | 2,500,000 | - | - |
| Fuel Supply Reliability - Contrac | 2,000,000 | - | - | 2,000,000 | - | - |
| Fire Alarm - Contract 41 | 400,000 | - | 400,000 | - | - | - |
| Aeration System Improvements | 1,000,000 | - | 1,000,000 | - | - | - |
| **TOTAL** | $16,500,000 | $0 | $5,700,000 | $10,800,000 | $0 | $0 |