



CITY OF HAVERHILL CITY COUNCIL AGENDA

Tuesday, April 22, 2014 at 7:00 PM
City Council Chambers, Room 202

1. APPROVAL OF RECORDS OF THE PREVIOUS MEETING

2. ASSIGNMENT OF THE MINUTES REVIEW FOR THE NEXT MEETING

3. COMMUNICATIONS FROM THE MAYOR

NO SCHEDULE

4. UTILITY HEARING(S) AND RELATED ORDER(S)

4.1. Document 36, Petition from National Grid requesting permission to construct a line of underground conduits in Avco rd, Partridge rd and River Valley rd; plan 338517.

4.1.1. Document 36-B, Order grant conduit locations to National Grid for Avco rd, Partridge rd and River Valley rd; plan 338517

Postponed from April 15, 2014

Attachment

5. APPOINTMENTS

5.1. Confirming Appointments:

NO SCHEDULE

5.2. Non-Confirming Appointments:

NO SCHEDULE

5.3. Resignations:

NO SCHEDULE

6. PETITIONS

6.1. Petitions:

NO SCHEDULE

6.2. Applications:

NO SCHEDULE

6.3. Tag Days

NO SCHEDULE



CITY OF HAVERHILL CITY COUNCIL AGENDA

Tuesday, April 22, 2014 at 7:00 PM
City Council Chambers, Room 202

6.4. Annual License Renewals:

6.4.1.1. **Hawker Peddlers License Renewals 2014:**

NO SCHEDULE

6.4.1.2. **Coin-Op License Renewals 2014:**

NO SCHEDULE

6.4.1.3. **Sunday Coin-Op License Renewals 2014:**

NO SCHEDULE

6.4.1.4. **Drainlayer Renewals 2014:**

NO SCHEDULE

7. **HEARINGS AND RELATED ORDERS:**

NO SCHEDULE

8. **MOTIONS AND ORDERS**

8.1. Order- authorize payment of bills of the previous years and to further authorize the payment from current year departmental appropriations as listed:

\$912.47 – Amy Pike, parent mileage reimbursement School Department Attachment

9. **UNFINISHED BUSINESS OF PRECEDING MEETINGS**

9.1. Document 11-D, Ordinance re: Salaries – Inspectional & Nursing Services Group

9.1.1. Document 10-D, Communication from Mary Carrington, Human resources Director submitting Memorandum of Agreement for Inspectional & Nursing Services Group

Filed April 8, 2014

Attachment

9.2. Document 46, Order – Authorize Mayor to file document for funding the City's Phase II Combined Sewer Overflow (CSO)

Filed April 8, 2014

9.3. Document 38-B, Bond Order, Appropriate \$6,892,076 to pay for next stage of CSO project with related communication from the Mayor.

Filed April 8, 2014

Attachment

10. **COMMUNICATIONS AND REPORTS FROM CITY OFFICERS AND EMPLOYEES**

10.1. Monthly Reports:

NO SCHEDULE



CITY OF HAVERHILL CITY COUNCIL AGENDA

Tuesday, April 22, 2014 at 7:00 PM
City Council Chambers, Room 202

10.2. **Communications from Councillors:**

10.2.1. Communication from Councillor Daly O'Brien requesting to discuss alleyway lighting in the downtown.

11. COMMUNICATIONS FROM CITY EMPLOYEES:

NO SCHEDULE

12. RESOLUTIONS AND PROCLAMATIONS

12.1. **Proclamation**

Armenian Martyr's Day – April 24, 2014

13. COUNCIL COMMITTEE REPORTS AND ANNOUNCEMENTS

13.1. **Council Committee Reports**

NO SCHEDULE

13.2. **Documents referred to Committee Study**

NO SCHEDULE

14. ADJOURN

36

Hearing April 22 2014

Questions contact – George Danek- 617 574-8159

Petition of the NATIONAL GRID
Of NORTH ANDOVER, MASSACHUSETTS
For Electric conduit Location:

4.1

To the City Council of Haverhill Massachusetts

Respectfully represents the NATIONAL GRID of North Andover, Massachusetts, that desires to construct a line of underground electric conduits, including the necessary sustaining and protecting fixtures, under and across the public way or ways hereinafter named.

Wherefore it prays that after due notice and hearing as provided by law, it be granted permission to excavate the public highways and to run and maintain underground electric conduits, together with such sustaining and protecting fixtures as it may find necessary for the transmission of electricity, said underground conduits to be located substantially in accordance with the plan filed herewith marked – Avco, Partridge and River Valley Road-Haverhill Massachusetts

The following are the streets and highways referred to:

338157 Avco & Partridge Road-Install a new 1x2 underground duct bank for approximately 140 ft from pole 9, Avco Road to new manhole 1, located in Partridge Road. In addition, install a new 1x2 underground duct bank for approximately 80 ft from pole 8, Avco Road to new manhole 1. See plan to accompany petition for underground equipment in Avco Road, Partridge Road and River Valley road. Haverhill Ma.

Partridge Road-Install a new 2 x2 underground duct bank for approximately 740 ft from new manhole 1, to new manhole 2, and to new manhole 3 all located on Partridge Road.

River Valley Road- Install a new 2x2 underground duct bank for approximately 220 ft from new manhole 3, located in Partridge Road, to new manhole 4 located in River Valley Road. In addition install a new 1X2 underground duct bank for approximately 190 ft from new manhole 4 to pole 3.

Location approximately as shown on plan attached

IN CITY COUNCIL: March 25 2014

VOTED: that COUNCIL HEARING BE HELD APRIL 15 2014

Attest:

City Clerk

NATIONAL GRID

BY Chris ADOR
Engineering Department



36-B

4.1.1

City

Dated: March 13, 2014

ORDERED:

Notice having been given and public hearing held, as provided by law, that the NATIONAL GRID be and it is hereby granted permission to excavate the public highways and to run and maintain underground electric conduits, together with such sustaining and protecting fixtures as said company may deem necessary, in the public way or ways hereinafter referred to, and to make the necessary house connections along said extensions, as requested in petition with said company dated the 13th day of March 2014..

Said underground electric conduits shall be located substantially in accordance with the plan filed herewith marked -Avco, Partridge and River Valley Road-Haverhill Massachusetts 338517

The following are the public ways or part of ways along which the underground electric conduits above referred to may be laid:

Avco & Partridge Road-Install a new 1x2 underground duct bank for approximately 140 ft from pole 9, Avco Road to new manhole 1, located in Partridge Road. In addition, install a new 1x2 underground duct bank for approximately 80 ft from pole 8, Avco Road to new manhole 1. See plan to accompany petition for underground equipment in AvcoRoad, Partridge Road and River Valley road. Haverhill Ma.

Partridge Road-Install a new 2 x2 underground duct bank for approximately 740 ft from new manhole 1, to new manhole 2, and to new manhole 3 all located on Partridge Road.

River Valley Road- Install a new 2x2 underground duct bank for approximately 220 ft from new manhole 3, located in Partridge Road, to new manhole 4 located in River Valley Road. In addition install a new 1X2 underground duct bank for approximately 190 ft from new manhole 4 to pole 3.

I hereby certify that the foregoing order was adopted at a meeting of the
.....
....., held on the day of, 20

..., 20

FOR HEARING APRIL 15



Document

8.1

CITY OF HAVERHILL

In Municipal Council

Ordered:

That in accordance with General Laws, Chapter 44, Section 64, authorize the payment of bill(s) of the previous years and to further authorize the payment from current year departmental appropriations as listed below:

| <u>Vendor</u> | <u>Amount</u> | <u>Account</u> |
|--|---------------|-------------------|
| Amy Pike, parent mileage reimbursement | \$912.47 | School Department |

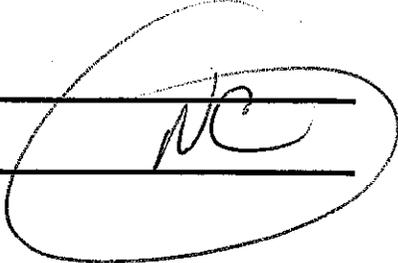
EV20140404

City of Haverhill Massachusetts

Fiscal Year: 2013-2014

LEA Warrant

| Invoice | Vendor | Total |
|---------------------|----------|-----------------|
| Parent Mile FY12 | Amy Pike | \$912.47 |
| Grand Total: | | \$912.47 |



End of Report





DOCUMENT 11-D

9.1

CITY OF HAVERHILL

In Municipal Council

~~ORDERED~~

MUNICIPAL ORDINANCE
AN ORDINANCE RELATING TO SALARIES

CHAPTER
INSPECTIONAL & NURSING SERVICES GROUP

BE IT ORDAINED by the City Council of the City of Haverhill that Document 67-M of 2010 is hereby amended as follows:

| | | | | | | | | | |
|---|--------------|--------------|--------------|--------------|--------------|-------------|-------------|--|--|
| EFFECTIVE 7/1/2012 1.5% | STEP 1 | STEP 2 | STEP 3 | STEP 4 | STEP 5 | | | | |
| Local Building Inspector | \$ 46,002.66 | \$ 47,849.65 | \$ 49,696.64 | \$ 51,684.51 | \$ 53,751.88 | | | | |
| | Step 1 | Step 2 | Step 3 | | | | | | |
| Sr. Sanitary Inspector | \$ 914.49 | \$ 941.78 | \$ 968.28 | | | | | | |
| | Step 1 | Step 2 | Step 3 | Step 4 | | | | | |
| Sanitary Inspector | \$ 779.82 | \$ 803.92 | \$ 887.85 | \$ 914.48 | | | | | |
| | Step 1 | Step 2 | Step 3 | Step 4 | Step 5 | Step 6 | Step 7 | | |
| Community Health Coordinator | \$ 844.00 | \$ 844.00 | \$ 872.11 | \$ 911.69 | \$ 951.51 | \$ 991.17 | \$ 1,030.88 | | |
| Nurse Leader | \$ 1,070.88 | \$ 1,110.47 | \$ 1,150.20 | \$ 1,190.04 | \$ 1,229.77 | \$ 1,269.47 | \$ 1,309.24 | | |
| | Step 1 | Step 2 | Step 3 | Step 4 | Step 5 | Step 6 | Step 7 | | |
| Public Health Nurse | \$ 811.55 | \$ 811.55 | \$ 838.57 | \$ 849.22 | \$ 914.91 | \$ 953.04 | \$ 991.24 | | |
| | Step 8 | Step 9 | Step 10 | Step 11 | Step 12 | Step 13 | Step 14 | | |
| | \$ 1,029.69 | \$ 1,067.76 | \$ 1,105.96 | \$ 1,144.27 | \$ 1,182.48 | \$ 1,220.65 | \$ 1,258.88 | | |
| EFFECTIVE 7/1/2013 1.5% | STEP 1 | STEP 2 | STEP 3 | STEP 4 | STEP 5 | | | | |
| Local Building Inspector | \$ 46,692.70 | \$ 48,567.39 | \$ 50,442.09 | \$ 52,459.78 | \$ 54,558.16 | | | | |
| | Step 1 | Step 2 | Step 3 | | | | | | |
| Sr. Sanitary Inspector | \$ 928.21 | \$ 955.90 | \$ 982.80 | | | | | | |
| | Step 1 | Step 2 | Step 3 | Step 4 | | | | | |
| Sanitary Inspector | \$ 791.52 | \$ 815.98 | \$ 901.17 | \$ 928.20 | | | | | |
| | Step 1 | Step 2 | Step 3 | Step 4 | Step 5 | Step 6 | Step 7 | | |
| Community Health Coordinator | \$ 856.66 | \$ 856.66 | \$ 885.19 | \$ 925.37 | \$ 965.78 | \$ 1,006.04 | \$ 1,046.35 | | |
| Nurse Leader | \$ 1,086.94 | \$ 1,127.13 | \$ 1,167.45 | \$ 1,207.89 | \$ 1,248.22 | \$ 1,288.51 | \$ 1,328.88 | | |
| | Step 1 | Step 2 | Step 3 | Step 4 | Step 5 | Step 6 | Step 7 | | |
| Public Health Nurse | \$ 823.73 | \$ 823.73 | \$ 851.15 | \$ 861.96 | \$ 928.63 | \$ 967.34 | \$ 1,006.11 | | |
| | Step 8 | Step 9 | Step 10 | Step 11 | Step 12 | Step 13 | Step 14 | | |
| | \$ 1,045.13 | \$ 1,083.78 | \$ 1,122.55 | \$ 1,161.43 | \$ 1,200.21 | \$ 1,238.96 | \$ 1,277.77 | | |
| EFFECTIVE 7/1/13 add new "Appendix IA - INSPECTIONAL & NURSING SERVICES (Rehabilitation Specialist)" | Step 1 | | | | | | | | |
| Rehabilitation Specialist | \$ 815.67 | | | | | | | | |

BACK-UP INFO ONLY
Resonance



DOCUMENT 67-M

CITY OF HAVERHILL

In Municipal Council September 28 2010

ORDERED:

MUNICIPAL ORDINANCE
AN ORDINANCE RELATING TO SALARIES

CHAPTER
INSPECTIONAL & NURSING SERVICES GROUP

BE IT ORDAINED by the City Council of the City of Haverhill that Document 51-F of 2005 is hereby amended as follows:

EFFECTIVE 7/1/2008 0%
EFFECTIVE 7/1/2009 0%
EFFECTIVE 7/1/2010 0%

EFFECTIVE 7/1/2011 2%
Local Building Inspector

| | STEP 1 | STEP 2 | STEP 3 | STEP 4 | STEP 5 |
|--|--------------|--------------|--------------|--------------|--------------|
| | \$ 45,322.82 | \$ 47,142.51 | \$ 48,962.21 | \$ 50,920.70 | \$ 52,957.52 |

Sanitary Inspector

| | Step 1 | Step 2 | Step 3 |
|--|-----------|-----------|-----------|
| | \$ 900.98 | \$ 927.86 | \$ 953.97 |

Sanitary Inspector

| | Step 1 | Step 2 | Step 3 | Step 4 |
|--|-----------|-----------|-----------|-----------|
| | \$ 768.30 | \$ 792.04 | \$ 874.73 | \$ 900.97 |

Community Health Coordinator
Nurse Leader

| | Step 1 | Step 2 | Step 3 | Step 4 | Step 5 | Step 6 | Step 7 |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| | \$ 831.53 | \$ 831.53 | \$ 859.22 | \$ 898.22 | \$ 937.45 | \$ 976.52 | \$ 1,015.65 |
| | Step 8 | Step 9 | Step 10 | Step 11 | Step 12 | Step 13 | Step 14 |
| | \$ 1,055.05 | \$ 1,094.06 | \$ 1,133.20 | \$ 1,172.45 | \$ 1,211.60 | \$ 1,250.71 | \$ 1,289.89 |

Public Health Nurse

| | Step 1 | Step 2 | Step 3 | Step 4 | Step 5 | Step 6 | Step 7 |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| | \$ 799.56 | \$ 799.56 | \$ 826.18 | \$ 863.67 | \$ 901.39 | \$ 938.96 | \$ 976.59 |
| | Step 8 | Step 9 | Step 10 | Step 11 | Step 12 | Step 13 | Step 14 |
| | \$ 1,014.47 | \$ 1,051.98 | \$ 1,089.62 | \$ 1,127.36 | \$ 1,165.00 | \$ 1,202.61 | \$ 1,240.28 |

Effective January 1, 2011, the City will increase the amount of the all Professional Development Allowances from two hundred twenty-five (\$225.00) to Three hundred and fifty dollars (\$350.00) per year. Allowance shall be prorated for part-time employees according to hours worked.

Amend Article XIII - Section 1 - by deleting the 2nd & 3rd paragraphs and in its place insert the following:
Effective July 1, 2011 the City's contribution to the HMO shall be 75% and the employee contribution shall be 25%.

① P-M
Salary
Overman
Inspectional
Nursing Services Group

BACK-UP

Also add the following new paragraph to **Article XIII Section 1**

New employees hired after January 1, 2010 shall pay a thirty percent (30%) Employee Health Insurance Contribution rate for both the PPO and HMO products.

Amend all travel allowances to read as follows:

\$200 per month will be granted for members using their own vehicles on a monthly basis. Mileage reimbursement rate will be at \$0.38¢ per mile. The City will make every effort to provide city vehicles for such employees.

Approved as to legality:

Solicitor

PLACED ON FILE for at least 10 days

Attest: *Mr. S. Tooz*

City Clerk

IN CITY COUNCIL: October 12 2010

PASSED

Attest: *Mr. S. Tooz*

City Clerk

APPROVED:

[Signature]

Mayor

*City Clerk
Inspectional
Personnel
Auditor*

1-D

Amend Appendix I, II, III (Professional Development sections) by the following:

Effective July 1, 2012 - Increase the amount of Professional Development Allowance from \$350 to \$500 per year. This shall not be paid by separate check.

Effective upon passage amend Appendix I, II, IV Travel Allowance sections by the following:

Mileage reimbursement rate will be at \$0.44¢ per mile.

Effective upon passage add to Appendix III "Section 3. Travel Allowance" and the following wording:

\$200 per month will be granted for members using their own vehicles on a monthly basis. Mileage reimbursement rate will be at 44¢ per mile. The City will make every effort to provide city vehicles for such employees.

Effective upon passage amend Appendix III by adding "Section 3. Out of Grade" and the following wording:

When the Local Building Inspector is assigned to or serves in the absence of the Building Inspector, he/she shall be paid an out-of-grade rate of \$10 per day.

Effective upon passage add to Appendix IA "Section 2. Travel Allowance" and the following wording:

\$200 per month will be granted for members using their own vehicles on a monthly basis. Mileage reimbursement rate will be at 44¢ per mile. The City will make every effort to provide city vehicles for such employees.

Effective 7/1/14 add to Appendix IA "Section 3. Professional Development" and the following wording:

Effective July 1, 2014, the Rehabilitation Specialist position will become eligible for the Professional Development allowance of \$500 per year. This shall not be paid by separate check. This includes a boot allowance.

Effective upon passage amend Article X - SICK AND BEREAVEMENT LEAVE Section 16. Furlough Days

Any outstanding furlough days owed to members will be compensated before the end of the 2014 fiscal year.

Approved as to legality:

City Solicitor

PLACED ON FILE for at least 10 days

Attest:

City Clerk



Haverhill

Human Resources Department, Room 306

Phone: (978) 374-2357 Fax: (978) 374-2343

Mary Carrington, HR Director – mcarrington@cityofhaverhill.com

Denise McClanahan, HR Technician – dmcclanahan@cityofhaverhill.com

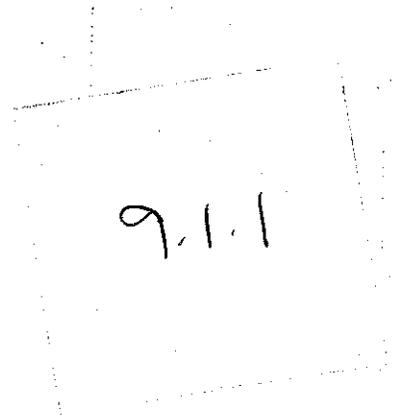
10-1

TO: Mayor James J. Fiorentini

FROM: Mary Carrington, Human Resources Director *MC*

DATE: April 4, 2014

RE: Salary Ordinance & MOA submission



Attached please find the ordinance and Memorandum of Agreement for the Inspectional & Nursing Services Group as a result of their recent negotiations. Please submit these documents to the next City Council meeting for action.

MC/dlm

Section 6. Time and Attendance Software

The City reserves the right to implement a time and attendance software program to help monitor employee time and attendance, which will simplify timecard and attendance tracking, data entry and time-off approval processing. The City will provide written notice to the Union ninety (90) days prior to the implementation of this software.

Section 7. Mileage

Mileage - Increase the travel mileage to \$.44/ mile.

ARTICLE X: SICK AND BEREAVEMENT LEAVE

Section 16. Furlough Days – Any outstanding furlough days owed to members will be compensated before the end of the 2014 fiscal year.

Delete Section in its entirety

ARTICLE XIII: MEDICAL BENEFITS

Section 1. Health Insurance

Health Reimbursement Account

Delete the following:

The City will establish a Health Reimbursement Account to reimburse co-payments that exceed \$250 per individual and \$400 per family, per calendar year, that are incurred as a result of the following co-payments: \$250 per inpatient hospitalization and \$150 for outpatient surgery.

Replace with the following:

Health Reimbursement Account

Plan requirements are subject to change if there are plan design changes to the eligible health plans offered by the Public Employee Committee (PEC). All full-time employees are eligible for the existing health insurance offerings by the City of Haverhill.

Delete from contract:

Both parties understand and agree that the city, apart from this contract, is currently negotiating with the Public Employee Commission (PEC) to join the Group Insurance Commission (GIC). Both parties also understand that there is currently legislation pending before the State legislature that will allow cities to join the GIC.

In the event that the city joins the GIC during the term of this contract, both parties agree that this will not be a violation of this contract.

In the event that the city joins the GIC during the term of this contract and in the event that the city's percentage contribution is 80% or less, the parties agree that as of the date the city joins the GIC, the union members will receive an additional 2% pay increase.

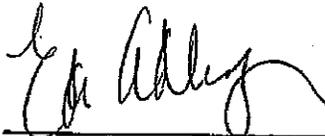
Article XIV: Safety and Detective Equipment Safety

City will provide a vest or jacket, at the City's expense and discretion which identifies employees of the Inspectional Services Department. The City will also provide an Identification Badge.

Date: January 16, 2014

James J. Fiorentini, Mayor

William D. Cox, Jr., City Solicitor



Ed Adley, Teamsters Business Agent



Lisa Roape Rosario, Shop Steward

JAMES J. FIORENTINI
MAYOR



CITY OF HAVERHILL
MASSACHUSETTS

CITY HALL, ROOM 100
FOUR SUMMER STREET
HAVERHILL, MA 01830
PHONE 978-374-2300
FAX 978-373-7544
MAYOR@CITYOFHAVERHILL.COM
WWW.CI.HAVERHILL.MA.US

April 4, 2014

City Council President John A. Michitson and
Members of the Haverhill City Council

RE: City of Haverhill and Inspectional Services and Nursing Group Agreement

Dear Mr. President and Members of the Haverhill City Council:

Enclosed please find an agreement between the City of Haverhill and the Inspectional Services and Nursing Group. This agreement gives the inspectional services department the same 1.5% per year cost of living increase given to all other union groups. I feel that this is a fair agreement both for the city and for the union. It must be placed on file for two weeks, after which I recommend approval.

Very truly yours,


James J. Fiorentini, Mayor

JJF/ah.
Encl.



CITY OF HAVERHILL

In Municipal Council

April 8 2014

46

9-2

Ordered:

That Whereas, City of Haverhill, (the "Applicant"), after thorough investigation, has determined that the work activity consisting of study, engineering, planning and construction to complete Phase II Combined Sewer Overflow Long-Term Control Plan and related wastewater treatment facility improvements is both in the public interest and necessary to protect the public health, and that to undertake this activity, it is necessary to apply for assistance; and

Whereas, the Massachusetts Department of Environmental Protection (the "MassDEP") and the Massachusetts Water Pollution Abatement Trust (the "Trust") of the Commonwealth of Massachusetts, pursuant to Chapter 21 and Chapter 29C of the General Laws of the Commonwealth ("Chapter 21" and "Chapter 29C") are authorized to make loans to municipalities for the purpose of funding planning and construction activities relative to Water Pollution Abatement Projects; and

Whereas, the Applicant has examined the provisions of the Act, Chapter 21 and Chapter 29C, and believes it to be in the public interest to file a loan application.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Haverhill as follows:

1. That the Mayor is hereby authorized on behalf of the Applicant to file applications and execute agreements for grant and/or loan assistance as well as furnishing such information, data and documents pertaining to the applicant for a grant(s) and/or loan(s) as may be required; and otherwise to act as the authorized representative of the Applicant in connection with this application;
2. That the purpose of said loan(s), if awarded, shall be to fund construction activities.
3. That if said award is made the Applicant agrees to pay those costs which constitute the required Applicant's share of the project cost.

BRING BACK WITH BOND ORDER FOR CSO PROJECT ON APRIL 22 2014

Attest:

City Clerk

JAMES J. FIORENTINI
MAYOR



CITY OF HAVERHILL
MASSACHUSETTS

9.3

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COM
5

April 4, 2014

City Council President John A. Michitson and
Members of the Haverhill City Council

RE: CSO Proposed Bond Order

Dear Mr. President and Members of the Haverhill City Council:

Before you tonight is a proposed bond order for the next stage of our Combined Sewer Overflow (CSO) project. This must be placed on file for two weeks after which I recommend approval. Mr. Ward, myself and others will be before you in two week to discuss the program in more detail.

Very truly yours,

James J. Fiorentini, Mayor

JJF/ah
Encl.



Haverhill

Robert E. Ward, Deputy DPW Director
Water/Wastewater Division
Phone: 978-374-2382 Fax: 978-521-4083
E-mail: rward@haverhillwater.com

Date: April 4, 2014
To: The Honorable James J. Fiorentini
Mayor of Haverhill
From: Robert E. Ward
Deputy DPW Director
Subject: Phase II Combined Sewer Overflow Program
Proposed Loan Order

We respectfully submit for your approval a proposed loan order for \$6,892,076.00 along with the Authority to File document for funding the city's Phase II Combined Sewer Overflow (CSO) program. The CSO program is required by the U.S. Environmental Protection Agency (EPA) and the Massachusetts Department of Environmental Protection (DEP).

Since 1995, EPA and DEP have required the city to develop and continue with a CSO program to eliminate CSOs under the EPA's CSO Control Policy and the National Pollutant Discharge Elimination System (NPDES) to achieve compliance with the Clean Water Act. The attached project narrative provides the regulatory background on the Phase II CSO program.

This proposed loan order will fund the design and construction of improvements to the Wastewater Treatment Plant and several miscellaneous tasks included in the Phase II CSO program. The major part of WWTP improvements is replacing two centrifuges which are used for dewatering sludge for transport and disposal. The project description is included with the attachments.

The construction phase of this project and miscellaneous tasks are eligible for a low-interest loan from DEP's State Revolving Fund (SRF) loan program. The design phase is not eligible for SRF funds and will be funded with a general obligation bond.

The table below provides a summary of the project costs and estimated loan payments.

| | Estimated Cost | Eligible for SRF | Estimated Annual Debt Service (20 years) |
|---------------------------------|----------------|------------------|--|
| WWTP Improvements: Design | \$518,000 | NO | \$38,116 |
| WWTP Improvements: Construction | \$5,818,000 | YES | \$358,000 |
| Phase II CSO Plan Tasks | \$556,076 | YES | \$34,000 |

The breakdown of the project cost and estimated debt service for construction is attached.

Our goal is to fund this project without increasing the wastewater user rate in fiscal years (FY) 2015 and 2016. The major factors relative to funding this project are as follows:

- The retained earnings will be used in FY 2015 and FY 2016 to offset rate increases.
- The full amount of the debt service payments is scheduled to begin in FY 2017.
- The new centrifuges are expected to save approximately \$80,000 annually on sludge disposal costs and \$30,000 per year in electricity costs.
- The new centrifuges will require significantly less repair and maintenance costs (which could be as much as \$75,000 per year over the life of the equipment).
- The large meter replacement program which is scheduled to start this summer is projected to have a 2-year payback allowing the gains in wastewater revenue to offset rate increases in the future.
- The Wastewater Division is undergoing an operations assessment which is expected to result in savings in future budgets.

Please note that this project is only part of the Phase II CSO program. We are not seeking funding at this time for the full Phase II program because of the uncertainty in the scope of work that will be required by EPA and DEP. This loan order will need to be amended prior to June 30, 2014, to include the additional costs to remain eligible for the state's SRF loan program.

If acceptable to you, I will coordinate with the city's finance director to prepare the loan order and submit it to the City Council.

Your attention in this matter is greatly appreciated. If you need additional information, call me at extension 2382 or via e-mail at rward@haverhillwater.com.

Enclosures:

Cc: John Michitson, City Council President
and Members of the City Council
Charles Benevento, Auditor
Mary Beth Roy, Treasurer
Michael Stankovich, Director of Public Works

**Phase II Combined Sewer Overflow (CSO) Program
WWTP Improvements (Replace Centrifuge)
and Miscellaneous Phase II CSO Program Tasks**

List of Attachments

| | |
|---|---------------------------|
| Loan Order | For City Council Approval |
| Authority to File | For City Council Approval |
| Project Narrative | |
| EPA Letter Dated February 10, 2014, Requiring Flow Metering | |
| Project Description for WWTP Improvements | |
| Project Schedule | |
| Estimated Costs for the WWTP Improvements | |
| Draft Schedule C - Annual Bond Payment Schedule | |

Haverhill Revised Phase II CSO Long-Term Control Plan, Haverhill, Massachusetts

Project Narrative

Section A - Project Summary

Background

Phase II CSO Abatement Program

In July 2011, a Phase II Combined Sewer Overflow (CSO) Long Term Control Plan (LTCP) was submitted to the U.S. Environmental Protection Agency (USEPA) and Massachusetts Department of Environmental Protection (MADEP), which addressed requirements from two Administrative Orders delivered on September 15, 2008 and February 9, 2009 (**Appendix A** - Docket No. 08-012 and Docket No. 09-014 respectively). The city's proposed plan included the implementation of system maximization improvements (i.e., eliminate some CSO outfalls and modify some of the remaining CSO regulators) to increase the percent capture within the combined sewer system and to reduce the frequency and volume of overflow events. See **Appendix B** for a map of the CSO regulators and **Appendix C** for the report cover, table of contents and executive summary.

On February 14, 2013, MADEP sent the city a letter that provided comments to the Phase II CSO Long Term Control Plan and raised the potential to consider an integrated CSO control approach (See **Appendix D**). As a follow up to the letter, a meeting was held on April 25, 2013 between USEPA, MADEP, city of Haverhill and CDM Smith to discuss the comments and expectations. On May 8, 2013, USEPA sent the city a letter summarizing the April 25th meeting and listing out their expectations (See **Appendix E**).

On June 17, 2013, the city responded to USEPA's May 8, 2013 letter (and the February 2013 MADEP letter) with a plan to revise the Phase II CSO LTCP (with additional flow monitoring and a report update) and, in the interim, to proceed with some capital improvements to the collection and wastewater treatment systems (See **Appendix F**).

The revised LTCP will include additional investigation, analysis and mitigation alternatives for three newly discovered CSOs not previously identified before the completion of the July 2011 Phase II LTCP. The revised Phase II LTCP will also include an assessment of green infrastructure to reduce CSO discharges and an integrated watershed LTCP approach, a floatables control plan for remaining CSO outfalls, permanent CSO overflow monitoring, infiltration/inflow study and updates to the model and alternatives analysis. This Revised Phase II LTCP will be submitted on July 2015 and is the subject of this Project Evaluation Form (PEF).

Specific capital improvements include the following:

- Close and eliminate 9 existing CSO regulator/outfalls. This will consolidate discharges to the fourteen (14) remaining CSO outfalls.
- Raise the regulator/diversion weir elevations at five of the fourteen remaining CSO regulator/outfalls to minimize CSO discharges.
- Design and construct improvements to increase the size of the interceptor connector pipe capacity at the Bradford CSO regulators and reconfigure the Middle Siphon CSO to direct more flow into the interceptors and to reduce the frequency and magnitude of CSO discharges from these outfalls.
- Replace the existing centrifuges with new centrifuges for improved biosolids handling at the Haverhill WWTF. Through discussions with the regulatory agencies, deficiencies with the current solids handling capacity were identified as a significant restriction to maximizing the wet weather capacity of the WWTF during storm events. The ability to process the biosolids, created during maximum flow periods, was impaired by unreliable equipment that is prone to failures during peak use periods. Replacement of the existing centrifuges will ensure that the city can maintain the maximum design flow rate through the plant to minimize untreated CSO discharges.

This construction work will be submitted under a separate FY 2014 PEF.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 1
5 Post Office Square, Suite 100
BOSTON, MA 02109-3912

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

FEB 10 2014

Michael Stankovich, Director of Public Works/Highway Superintendent
Haverhill Highway Department
500 Primrose Street
Haverhill MA 01830

Re: NPDES Permit No. MA0101621
CSO Flow Metering Proposal and Schedule – Agencies' Recommendations

Dear Mr. Stankovich:

EPA and the Massachusetts Department of Environmental Protection ("MassDEP") have reviewed the City's June 17, 2013 CSO Flow Metering Proposal and have determined that the proposed metering plan is insufficient to adequately document the frequency, duration, and volume of CSO discharges. Haverhill must install flow meters at each of its CSOs for a minimum of one year beginning in the spring of 2014. This will require the installation of seven permanent flow meters (at CSOs 024, 021E, 021D, 021A, 013, 032 and 034) and 11 temporary flow meters (at CSOs 025, 021H, 021G, 038, 037 if active, 021F, 021B, 019, 039, 040, and 041). (See Attachment 1 to this letter for more detail.) To avoid delays in updating the collection system model and the City's Long-Term CSO Control Plan ("LTCP"), these flow meters must be installed in time to collect data during Spring 2014, and should be in place by March 15, 2014 unless otherwise approved by EPA and MassDEP.

The agencies believe that flow metering at every CSO for a minimum of one year is warranted given:

- the City's discovery of three active CSOs during the last two years;
- the discrepancies between SWMM Model projections and field block test data; and
- the limited information available for completing a revised and updated Phase II LTCP to include new information and address all of MassDEP's comments on the City's July 2011 draft.

Moreover, flow meter data for every CSO is necessary when updating and calibrating the mathematical model of this complex combined sewer system; performing the CSO abatement projects alternatives analysis; and developing an effective Phase II CSO abatement program. As stated in a footnote on Attachment 1, temporary metering of a

CSO could lead to a permanent metering requirement based on the outcome of CSO planning. Permanent metering sites must include both depth and velocity meters, unless otherwise approved by EPA and MassDEP.

When reviewing the City's CSO Flow Metering Proposal, EPA and MassDEP prepared Attachment 1 using information received from Haverhill, including reports, email messages, letters, and the NPDES Permit administrative record. There was some confusion because Haverhill had used different names for the same CSO, and some CSOs had been eliminated and later reactivated. Attachment 1 lists all of Haverhill's CSOs, summarizes the City's June 17, 2013 CSO Flow Monitoring Proposal and the agencies' required revisions to the City's proposal. Please verify for EPA and MassDEP whether the information summarized in Attachment 1 is complete and accurate, and provide corrections and clarification as appropriate.

If you have questions or would like to schedule a conference call or a meeting to discuss the agencies' recommendations, please contact Joy Hilton of my staff at (617) 918-1877 or Kevin Brander, MassDEP, at (978) 694-3236.

Sincerely,



Denny Dart, Manager
Water Technical Unit

cc: Mayor James J. Fiorentini, City of Haverhill
Robert Ward, Deputy Director of Public Works, City of Haverhill
Fred Haffty, Facility Manager, City of Haverhill
Paul Jessel, Collection System Supervisor, City of Haverhill
Kevin Brander, MassDEP-NERO
Nihar Mohanty, MassDEP-NERO

ATTACHMENT 1

HAVERHILL, MA - CSO FLOW METERING PROGRAM FOR PHASE II LTCP UPDATE

| CSO ID# | DATE ELIMINATED | City Monitoring Proposal | Agencywide Monitoring Recommendation** | LOCATION | RECEIVING WATER |
|---------|------------------|---|---|---|-----------------|
| | | | | Upper Siphon System | |
| 025 | | Block testing | Temporary Metering (for a minimum of one year-to begin Spring 2014) | Beach Street | Merrimack River |
| 024 | | Block testing | Permanent Metering*** | Upper Siphon-Varnum Street | Merrimack River |
| 023 | 8/14/2013 | | | 268 River Street | Merrimack River |
| 022 | 3/31/2012 | | | Railroad Bridge | Merrimack River |
| | | | | Middle Siphon System | |
| 021H | | Block testing | Temporary Metering (for a minimum of one year-to begin Spring 2014) | Winter and Hale (share this outfall) | Little River |
| 021G | | Block testing | Temporary Metering (for a minimum of one year-to begin Spring 2014) | Winter Street (shared outfall 21H) | Little River |
| 038 | | Block testing | Temporary Metering (for a minimum of one year-to begin Spring 2014) | High Street (and Broadway share this outfall) | Little River |
| 037 | Outfall Closed?? | N/A | Temporary metering if active | Broadway Diversion (shared outfall with 037) | Little River |
| 021E | | Permanent Metering | Permanent Metering*** | Locke Street South | Little River |
| 021D | | Permanent Metering | Permanent Metering*** | Locke Street North (and center barrel share this outfall) | Little River |
| 021F | | Block testing | Temporary Metering (for a minimum of one year-to begin Spring 2014) | Little River North | Little River |
| 021A | | Permanent Metering | Permanent Metering*** | Middle Siphon-Essex Street | Merrimack River |
| 021B | | Block testing | Temporary Metering (for a minimum of one year-to begin Spring 2014) | Emerson Street | ?? |
| | | | | Lower Siphon System | |
| 019 | | Block testing | Temporary Metering (for a minimum of one year-to begin Spring 2014) | Main Street North | Merrimack River |
| 016 | 8/7/2013 | | | Fire Station | Merrimack River |
| 013 | | Permanent Metering | Permanent Metering*** | Lower Siphon-Buttonwood Avenue | Merrimack River |
| 010 | 8/14/2013 | | | Boardman Street | Merrimack River |
| 001 | 7/24/2013 | | | Bates Bridge | Merrimack River |
| 031 | 7/10/2013 | | | Bradford System | Merrimack River |
| 032 | | Permanent Metering | Permanent Metering*** | Front Street | Merrimack River |
| 033 | 7/19/2013 | | | Bradford Avenue | Merrimack River |
| 034 | | Block testing | Permanent Metering*** | South Prospect Street | Merrimack River |
| 035 | 7/31/2013 | | | Middlesex Street | Merrimack River |
| 036 | In 2009 | | | South Main Street | Merrimack River |
| | | | | Ferry Street | Merrimack River |
| | | | | Recently Discovered CSO Outfalls | |
| 039 | | Temporary Metering (for a minimum of one year-to begin Spring 2014) | Temporary Metering (for a minimum of one year-to begin Spring 2014) | South Webster Street | Merrimack River |
| 040 | | Temporary Metering (for a minimum of one year-to begin Spring 2014) | Temporary Metering (for a minimum of one year-to begin Spring 2014) | Bethany Avenue | Merrimack River |
| 041 | | Temporary Metering (for a minimum of one year-to begin Spring 2014) | Temporary Metering (for a minimum of one year-to begin Spring 2014) | Chestnut Street | Merrimack River |

* City June 17, 2013 Proposal to MassDEP/EPA

**Temporary Metering could lead to a permanent metering requirement depending on outcome of CSO plan

***Permanent metering should include both depth and velocity meters

Phase II CSO Program

Project Description:

Wastewater Treatment Plant Improvements

This project consists of the replacement of the two (2) existing Westfalia centrifuges and other wastewater treatment plant (WWTP) improvements. These improvements will correct process and wastewater sludge handling deficiencies that impair the ability of the treatment plant to maximize its treatment capacity during wet weather events. The existing centrifuges cannot process the wastewater sludge adequately to allow the plant to process flows to its full capacity. Replacement of the old centrifuges will allow the city to reduce untreated CSO discharges.

The scope of work includes the evaluation of process equipment, preliminary design, final design, contract specifications, bidding, construction services and construction for the following:

- Centrifuges, centrifuge conveyors, sludge feed pumps, chemical feed pumps and system and centrifuge drainage pumps.
- Odor control systems, evaluate existing systems (carbon tower and biofilter) and recommend upgrades if necessary.
- Grit Classifiers, evaluate the possible cause of the grit screw failures and recommend a replacement system.
- Gravity Sludge Thickeners replace all the internal mechanisms and evaluate the covering of the gravity thickeners for odor control.
- Evaluate the existing centrifuge heating and ventilation system and provide recommendations for upgrades if needed.
- Parking lot and sidewalk improvements evaluate and provide a cost estimate to design, bid and construction.

Phase II CSO Long Term Control Plan Tasks

This project includes the following tasks in the Phase II CSO Long Term Control Plan.

- Updating the city's SWMM model to include 3 additional CSO outfalls for annual reporting purposes.
- Assisting the city with CSO regulator modifications and inline storage system modifications.
- Implement a one year flow monitoring program on all active CSO outfalls.
- Infiltration and inflow (I/I) work including flow monitoring, flow isolation and TV inspection of sewer lines.

The projects described above are only part of the Phase II CSO program. We are not seeking funding at this time for the full Phase II program because of the uncertainty in the scope of work that will be required by EPA and DEP.

HAVERHILL, MASSACHUSETTS WWTF
 SLUDGE DEWATERING UPGRADE PROJECT
 ENR INDEX 9664 FOR JAN 2014
 PROJECT COST ESTIMATE

| PROJECT COMPONENT | | COST | COMMENTS |
|---|---------------------------------|--------------------|----------|
| CONSTRUCTION | | \$4,732,000 | |
| CONSTRUCTION CONTINGENCY | 10.0% | \$473,000 | |
| ENGINEERING SERVICES - DESIGN | | \$513,000 | |
| ENGINEERING SERVICES - ASBESTOS & LEAD PAINT SURVEY | | \$5,000 | |
| ENGINEERING SERVICES - BIDDING | | \$20,000 | |
| ENGINEERING SERVICES - CONSTRUCTION ADMIN. | 12.0% | \$568,000 | |
| ASBESTOS & LEAD PAINT ABATEMENT | | \$25,000 | |
| LEGAL/ ADMINISTRATIVE | 0.0% | \$0 | |
| | SUBTOTAL | \$6,336,000 | |
| FINANCING | 0.0% | \$0 | |
| | ESTIMATE OF PROJECT COST | \$6,336,000 | |

**HAVERHILL, MA WWTF
SLUDGE DEWATERING UPGRADE PROJECT
CONSTRUCTION COST ESTIMATE**

| DISCIPLINE | QUAN. | UNIT | DESIGN BASIS | Unit Cost | Installation Cost | Extended System Subtotal | Misc. Unaccounted For Items | System Extended Cost, Total |
|--|-------|------|---|-----------|-------------------|--------------------------|-----------------------------|-----------------------------|
| 40% | | | | | | | | |
| 0% | | | | | | | | |
| DEMOLITION | | | | | | | | |
| | | | Process Equipment and Piping Demo | \$50,000 | | \$50,000 | \$50,000 | \$50,000 |
| CIVIL | | | | | | | | |
| | | | Conveyor supports, buried piping, etc. | \$20,000 | | \$20,000 | \$20,000 | \$20,000 |
| ARCHITECTURAL | | | | | | | | |
| | | | Misc | \$70,000 | | \$70,000 | \$70,000 | \$70,000 |
| STRUCTURAL | | | | | | | | |
| | | | Equipment Access Platform, hoists, pump pads, misc. | \$60,000 | \$10,000 | \$70,000 | \$70,000 | \$70,000 |
| PROCESS | | | | | | | | |
| | | | Centrifuges and Controls | \$588,000 | \$235,200 | \$1,646,400 | \$1,646,400 | \$1,646,400 |
| | | | Sludge Feed Pumps, Grinder, Centrate Drain Pumps, & Piping | \$170,000 | \$68,000 | \$238,000 | \$238,000 | \$238,000 |
| | | | Conveyors - Horizontal (1), Inclined (2), truck loading conveyors (2) | \$200,000 | \$80,000 | \$280,000 | \$280,000 | \$280,000 |
| | | | Polymer System | \$85,000 | \$34,000 | \$119,000 | \$119,000 | \$119,000 |
| MECHANICAL | | | | | | | | |
| | | | Miscellaneous Process Building HVAC | \$10,000 | \$4,000 | \$14,000 | \$14,000 | \$14,000 |
| INSTRUMENTATION | | | | | | | | |
| | | | Flow meters, SCADA coordination and programming, misc. | \$57,500 | \$13,000 | \$70,500 | \$70,500 | \$70,500 |
| ELECTRICAL | | | | | | | | |
| | | | Control Room Demo & General Electrical (6% of Equipment) | \$157,000 | | \$157,000 | \$157,000 | \$157,000 |
| SUBTOTAL FOR CENTRIFUGE WORK | | | | | | | | |
| \$2,735,000 | | | | | | | | |
| ADDITIONAL IMPROVEMENTS | | | | | | | | |
| | | | Additional Task - Parking Lot and Walkway Improvements | \$100,000 | | \$100,000 | \$100,000 | \$100,000 |
| | | | Additional Task - Gravity Sludge Thickeners | \$90,000 | \$36,000 | \$252,000 | \$252,000 | \$252,000 |
| | | | Additional Task - Odor Control System (Sludge Dewatering) | \$20,000 | \$8,000 | \$28,000 | \$28,000 | \$28,000 |
| | | | Additional Task - Process Building HVAC | \$25,000 | \$10,000 | \$35,000 | \$35,000 | \$35,000 |
| | | | Additional Task - Grit Classifier Screens | \$10,000 | \$12,000 | \$168,000 | \$168,000 | \$168,000 |
| | | | Additional Task - Covers for Gravity Thickener and Bioreactor System Work | \$400,000 | \$160,000 | \$560,000 | \$560,000 | \$560,000 |
| SUBTOTAL FOR ADDITIONAL TASKS | | | | | | | | |
| \$1,143,000 | | | | | | | | |
| CONSTRUCTION SEQUENCING/TEMP. DEWATERING COSTS ALLOWANCE | | | | | | | | |
| \$100,000 | | | | | | | | |
| SUBTOTAL GENERAL CONTRACTOR CONSTRUCTION | | | | | | | | |
| \$3,702,000 | | | | | | | | |
| SUBTOTAL SUBCONTRACTORS | | | | | | | | |
| \$277,000 | | | | | | | | |
| GENERAL CONTRACTOR MARKUP | | | | | | | | |
| \$14,000 | | | | | | | | |
| BONDS & INSURANCE | | | | | | | | |
| \$91,000 | | | | | | | | |
| SUBTOTAL, CONSTRUCTION COSTS | | | | | | | | |
| \$4,639,000 | | | | | | | | |
| PROJECT MULTIPLIER, INFLATION TO MIDPOINT CONST | | | | | | | | |
| 1.02 | | | | | | | | |
| ESTIMATE OF CONSTRUCTION COST | | | | | | | | |
| \$4,732,000 | | | | | | | | |

**Sludge Dewatering Upgrade Project
Haverhill, Massachusetts WWTF
Projected Cash Flow**

| Project Component | Cost | Feb-14 | Mar-14 | Apr-14 | May-14 | Jun-14 | Jul-14 | Aug-14 | Sep-14 | Oct-14 | Nov-14 | Dec-14 | Jan-15 | Feb-15 | Mar-15 | Apr-15 | May-15 | Jun-15 | Jul-15 | Aug-15 | Sep-15 | |
|--|---------------------|------------------|------------------|-------------------|------------------|-------------------|-------------------|------------------|-----------------|-------------------|-------------------|-------------------|-------------------|-------------------|---------------------|---------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Professional Design - Engineering Services | \$ 135,000 | \$ 45,000 | \$ 45,000 | \$ 45,000 | | | | | | | | | | | | | | | | | | |
| Professional Design - Construction Services | \$ 393,000 | \$ 45,000 | \$ 45,000 | \$ 95,000 | \$ 87,000 | \$ 109,000 | \$ 109,000 | \$ 12,000 | \$ 8,000 | | | | | | | | | | | | | |
| Construction | \$ 5,230,000 | | | | | | | | | \$ 107,000 | \$ 107,000 | \$ 187,000 | \$ 280,000 | \$ 562,000 | \$ 1,379,000 | \$ 1,047,000 | \$ 188,000 | \$ 188,000 | \$ 188,000 | \$ 188,000 | \$ 188,000 | |
| Construction Administration - Engineering Services | \$ 589,000 | | | | | | | | | \$ 62,000 | \$ 62,000 | \$ 46,000 | \$ 46,000 | \$ 46,000 | \$ 46,000 | \$ 46,000 | \$ 46,000 | \$ 46,000 | \$ 46,000 | \$ 46,000 | \$ 46,000 | |
| Totals: | \$ 6,336,000 | \$ 45,000 | \$ 45,000 | \$ 128,000 | \$ 87,000 | \$ 109,000 | \$ 109,000 | \$ 12,000 | \$ 8,000 | \$ 163,000 | \$ 163,000 | \$ 233,000 | \$ 306,000 | \$ 948,000 | \$ 1,428,000 | \$ 1,087,000 | \$ 233,000 |

Notes:
 1. The projected cash flow does not include initial mobilization/technology selection/evaluation costs.
 2. Preliminary Design - Engineering Services includes least preliminary survey cost.

Draft Schedule C

Prepared by MW PAT

Feb, 20 2014 - 9:56 AM

**Massachusetts Water Pollution Abatement Trust
Hypothetical Structuring Analysis
City of Haverhill
Loan: CW-00-00**

Initial Loan Amount 5,800,000.00
Principal Forgiveness
Net Loan Obligation 5,800,000.00

Loan Origination Fee (\$5.5/1000) 31,900.00
Loan Term (in years) 20
Loan Rate 2.00%
Closing Date 9/30/2015
First Interest 1/15/2016
First Principal 7/15/2016

| Date | Principal | Interest | Total Debt Service | Admin Fee (0.15%) | Loan Origination Fee | Commonwealth Assistance Principal Forgiveness | Total Debt Service | Annual Debt Service |
|-----------|--------------|--------------|--------------------|-------------------|----------------------|---|--------------------|---------------------|
| 9/30/2015 | | | | | | | | |
| 1/15/2016 | | | | | | | | |
| 7/15/2016 | 227,901.00 | 33,833.33 | 33,833.33 | 4,350.00 | 31,900.00 | | 70,083.33 | 70,083.33 |
| 1/15/2017 | | 58,000.00 | 285,901.00 | 4,350.00 | | | 290,251.00 | |
| 7/15/2017 | 240,534.00 | 55,720.99 | 55,720.99 | 4,179.07 | | | 59,900.06 | 350,151.06 |
| 1/15/2018 | | 55,720.99 | 296,254.99 | 4,179.07 | | | 300,434.06 | |
| 7/15/2018 | 245,705.00 | 53,315.65 | 53,315.65 | 3,998.67 | | | 57,314.32 | 357,748.39 |
| 1/15/2019 | | 53,315.65 | 299,020.65 | 3,998.67 | | | 303,019.32 | |
| 7/15/2019 | 250,988.00 | 50,858.60 | 50,858.60 | 3,814.40 | | | 54,673.00 | 357,692.32 |
| 1/15/2020 | | 50,858.60 | 301,846.60 | 3,814.40 | | | 305,661.00 | |
| 7/15/2020 | 256,384.00 | 48,348.72 | 48,348.72 | 3,626.15 | | | 51,974.87 | 357,635.87 |
| 1/15/2021 | | 48,348.72 | 304,732.72 | 3,626.15 | | | 308,358.87 | |
| 7/15/2021 | 261,897.00 | 45,784.88 | 45,784.88 | 3,433.87 | | | 49,218.75 | 357,577.62 |
| 1/15/2022 | | 45,784.88 | 307,681.88 | 3,433.87 | | | 311,115.75 | |
| 7/15/2022 | 267,527.00 | 43,165.91 | 43,165.91 | 3,237.44 | | | 46,403.35 | 357,519.10 |
| 1/15/2023 | | 43,165.91 | 310,692.91 | 3,237.44 | | | 313,930.35 | |
| 7/15/2023 | 273,279.00 | 40,490.84 | 40,490.84 | 3,036.80 | | | 43,527.44 | 357,457.79 |
| 1/15/2024 | | 40,490.84 | 313,769.64 | 3,036.80 | | | 316,806.44 | |
| 7/15/2024 | 279,155.00 | 37,757.85 | 37,757.85 | 2,831.84 | | | 40,589.69 | 357,396.13 |
| 1/15/2025 | | 37,757.85 | 316,912.85 | 2,831.84 | | | 319,744.69 | |
| 7/15/2025 | 285,156.00 | 34,986.30 | 34,986.30 | 2,622.47 | | | 37,588.77 | 357,333.46 |
| 1/15/2026 | | 34,986.30 | 320,122.30 | 2,622.47 | | | 322,744.77 | |
| 7/15/2026 | 291,287.00 | 32,114.74 | 32,114.74 | 2,408.61 | | | 34,523.35 | 357,268.12 |
| 1/15/2027 | | 32,114.74 | 323,401.74 | 2,408.61 | | | 325,810.35 | |
| 7/15/2027 | 297,550.00 | 29,201.87 | 29,201.87 | 2,190.14 | | | 31,392.01 | 357,202.36 |
| 1/15/2028 | | 29,201.87 | 326,751.87 | 2,190.14 | | | 328,942.01 | |
| 7/15/2028 | 303,947.00 | 26,226.37 | 26,226.37 | 1,966.98 | | | 28,193.35 | 357,135.36 |
| 1/15/2029 | | 26,226.37 | 330,173.37 | 1,966.98 | | | 332,140.35 | |
| 7/15/2029 | 310,482.00 | 23,186.90 | 23,186.90 | 1,739.02 | | | 24,925.92 | 357,068.27 |
| 1/15/2030 | | 23,186.90 | 333,868.90 | 1,739.02 | | | 335,407.92 | |
| 7/15/2030 | 317,158.00 | 20,082.08 | 20,082.08 | 1,506.16 | | | 21,586.24 | 356,986.15 |
| 1/15/2031 | | 20,082.08 | 337,240.08 | 1,506.16 | | | 338,746.24 | |
| 7/15/2031 | 323,976.00 | 16,910.50 | 16,910.50 | 1,268.29 | | | 18,178.79 | 356,925.02 |
| 1/15/2032 | | 16,910.50 | 340,886.50 | 1,268.29 | | | 342,154.79 | |
| 7/15/2032 | 330,942.00 | 13,670.74 | 13,670.74 | 1,025.31 | | | 14,696.05 | 356,850.83 |
| 1/15/2033 | | 13,670.74 | 344,612.74 | 1,025.31 | | | 345,638.05 | |
| 7/15/2033 | 338,057.00 | 10,361.32 | 10,361.32 | 777.10 | | | 11,138.42 | 356,776.46 |
| 1/15/2034 | | 10,361.32 | 348,418.32 | 777.10 | | | 349,195.42 | |
| 7/15/2034 | 345,325.00 | 6,980.75 | 6,980.75 | 523.56 | | | 7,504.31 | 356,699.73 |
| 1/15/2035 | | 6,980.75 | 352,305.75 | 523.56 | | | 352,829.31 | |
| 7/15/2035 | 352,750.00 | 3,527.50 | 3,527.50 | 264.56 | | | 3,792.06 | 356,621.37 |
| 1/15/2036 | | 3,527.50 | 356,277.50 | 264.56 | | | 356,542.06 | |
| | 5,800,000.00 | 1,277,177.95 | 7,077,177.95 | 97,600.85 | 31,900.00 | | 7,206,678.80 | 7,206,678.80 |

Notes:



CITY OF HAVERHILL

In Municipal Council April 8 2014

ORDERED:

Bond Order

Ordered: That \$6,892,076 is appropriated, for the purpose of financing the study, engineering, planning and construction to complete the Phase II Combined Sewer Overflow (CSO) Long-Term Control Plan and related Wastewater Treatment Facility improvements including without limitations all costs thereof as defined in Section 1 of Chapter 29C of the General Laws, as most recently amended by St. 1998, c78; that to meet this appropriation the Treasurer with the approval of the Mayor is authorized to borrow \$6,892,076 and issue bonds or notes therefore under Chapter 44 of the General Laws and/or Chapter 29C of the General Laws, as most recently amended by St. 1998, c78; that such bonds or notes shall be general obligations of the City unless the Treasurer with the approval of the Mayor determines that they should be issued as limited obligations and may be secured by local system revenues as defined in Section 1 of Chapter 29C, as most recently amended by St. 1998, c78 or any other enabling authority; that the Treasurer with the approval of the Mayor is authorized to borrow all or a portion of such amount from the Massachusetts Water Pollution Abatement Trust established pursuant to Chapter 29C, as most recently amended by St. 1998, c78; and in connection therewith to enter into a financing agreement and/or security agreement with the Trust and otherwise to contract with the Trust and the Department of Environmental Protection and respect to such loan and for any federal or state aid available for the project or for the financing thereof; that the Mayor is authorized to enter into a project regulatory agreement with Department of Environmental Protection, to expend all funds available for the project and to take any other action necessary or convenient to carry out the project; and that the Treasurer is authorized to file an application with the Municipal Finance Oversight Board to qualify under Chapter 44A of the General Laws any or all of the bonds and to provide such information and execute such documents as the Board may require for these purposes.

Further Ordered: That the \$556,076 balance of the loan order approved by the Council on June 23, 2009 for study, engineering and planning to complete the Phase II Combined Sewer Overflow (CSO) Long-Term control Plan is hereby rescinded.

PLACED ON FILE for at least 10 days
Attest:

City Clerk

CITY COUNCIL

JOHN A. MICHITSON
PRESIDENT
ROBERT H. SCATAMACCHIA
VICE PRESIDENT
MELINDA E. BARRETT
WILLIAM J. MACEK
WILLIAM H. RYAN
THOMAS J. SULLIVAN
MARY ELLEN DALY O'BRIEN
MICHAEL S. MCGONAGLE
COLIN F. LEPAGE



10.2.1

CITY HALL, ROOM 204
4 SUMMER STREET
PHONE: 978 374-2328
FAX: 978 374-2329
www.ci.haverhill.ma.us
info@cityofhaverhill.com

CITY OF HAVERHILL
HAVERHILL, MASSACHUSETTS 01830-5843

April 17, 2014

TO: Mr. President and Members of the City Council:

Councillor Mary Ellen Daly O'Brien would like to discuss alleyway lighting in the downtown.

Mary Ellen Daly O'Brien
City Councillor Mary Ellen Daly O'Brien



DOCUMENT

12.1

CITY OF HAVERHILL

In Municipal Council

ORDERED:

P R O C L A M A T I O N

WHEREAS: April 24th, 1915 marked the start of a persecution of the Armenian people brought by their adherence to the cause of religious freedom and Christianity, and

WHEREAS: This persecution caused millions of Armenians to abandon their homes and become wanderers and more than 1.5 million of these unfortunate victims perished from starvation, exposure, ruthless treatment and mass murder, and

WHEREAS: Many Armenians migrated to the United States and enriched the American heritage with their culture, education, arts and sciences, and

WHEREAS: The commemoration of this terrible blight on humanity at the hands of the Ottoman Empire serves to remind free people everywhere that peace and freedom from oppression should not be accepted in a casual manner but, rather, we should all give thanks for the martyrs who have gone before, who gave their lives that their culture and heritage would survive and be part of a foundation for a better society,

WHEREAS: April 24, 2014 marks the 99th year of commemoration,

NOW THEREFORE, I, JAMES J. FIORENTINI, MAYOR of the City of Haverhill do hereby proclaim April 24th, 2014 as

ARMENIAN MARTYRS' DAY

And urge all of our citizens to pay tribute to the memory of those who gave their lives in the cause of religious freedom.

IN WITNESS WHEREOF I have hereunto set my hand and caused the Seal of the City of Haverhill to be affixed this 15th day of April in the year of Our Lord two thousand and fourteen

MAYOR JAMES J. FIORENTINI

