AGENDA

DATE: Monday, September 21, 2015
TIME: 5:30 PM
PLACE: Public Works Center (Second Floor Conference Room), 15 South Smith Street

WPCA Regular Meeting:

1. Call to Order

2. Election of Officers and Secretary

3. Approve the minutes from WPCA Meeting held on June 15, 2015 (copy included)

4. Authorize the Chairman or Vice Chairman of the Water Pollution Control Authority to execute an agreement with CH2M in the amount of $1,000,000 to provide on-call professional engineering services for the Wastewater Collection System in accordance with scope of services letter dated September 14, 2015 (copy included).
   Account No. 09144062-5777-C0361

5. Authorize the Chairman or Vice Chairman of the Water Pollution Control Authority to execute an agreement with Arcadis U.S., Inc. in the amount of $1,000,000 to provide on-call professional engineering services for the Wastewater Treatment Plant in accordance with scope of services letter dated September 4, 2015 (copy included).

6. Authorize the Chairman or Vice Chairman of the Water Pollution Control Authority to execute an agreement with Wright-Pierce in the amount of $250,000 to provide on-call professional engineering services for the Pump Stations in accordance with scope of services letter dated September 10, 2015 (copy included).
   Account No. 09124062-5777-C0360

7. Authorize the Chairman or Vice Chairman of the Water Pollution Control Authority to execute an amendment to the February 24, 2014 with Delray Contracting Inc. in the amount of $22,999.66 for the Sammis Street Pump Station and Ann Street Siphon Chamber Project (Project: WPCA2013-1) (memorandum included).
   Account No. 09114062-5777-C0360

8. Authorize transfer from Replacement Reserve Account (224062-5789) to Contract Operations Account (224062-5258) in the amount of $200,000 that was previously approved by the Board on December 15, 2014 to reimburse OMI and the Wastewater and Collection System Major Repair and Replacement Fund (MRR).
9. Authorize transfer from Replacement Reserve Account (224062-5789) to Professional Services Account (224062-5298) in the amount of $314,458.50 that was previously approved by the Board on January 12, 2015 for payment of invoices to Arcadis U.S., Inc. related to the Main Influent Pump and Related Equipment Replacement Project.

10. Authorize the Chairman or Vice Chairman of the Water Pollution Control Authority to execute a settlement agreement and general release with Theresa Ponger at 23 Macintosh Road for a sum not to exceed $5,000 for reimbursement of sewage damage (claim submission and draft agreement included).

11. Reports:
   a. FY14/15 and FY15/16 Revenues/Expenditures MUNIS Reports (copies included)
   b. Contract Operations Status – Annual Inspection Report (please bring draft report previously distributed to Board members, representative from Arcadis, U.S. Inc. to attend)
   c. WPCA Staff Organizational Restructuring:
      1) Operations Manager
      2) Sr. Environmental Engineer
      3) Junior Engineer – Introduction of Chris Cavalier
      4) Wastewater Systems Technician
   d. Discussion on the Proposed Mall Project
   e. Discussion on WPCA Projects:
      1) Main Lift Pump Replacement Project
         i. Flygt Pump Price Proposal
      2) Beacon Street Interceptor Service Area Sewer System Rehabilitation Project
      3) Sammis Street Pump Station and Ann Street Flood Damage Upgrade
   f. Sewer Use Bill Appeals/Adjustments Update
      1) Appeal status
   g. Information Copies:
      1) OMI Monthly Operating Reports – June/July/August 2015 (copy included)
      2) Contract Year 16 - CPI Adjustment Letters (copies included)
      3) Sewer Rate Information

12. Executive Session to discuss ongoing litigation with Flowserve about main lift pumps’ failure and expert witnesses

13. Adjournment

Next WPCA Meeting: Monday, October 19, 2015
5:30 PM
Second Floor Conference Room, Public Works Center
15 South Smith Street
CITY OF NORWALK
WATER POLLUTION CONTROL AUTHORITY
June 15, 2015

Attendance: Darren Oustafine, Chairman
Lewis Clark, Vice Chairman
Dave McCarthy
John Flynn
James Clark

Staff: Bruce Chimento, DPW Director
Ralph Kolb, DPW Senior Environmental Engineer

Others: John Ahern, CH2M Hill, OMI, Inc.
Paola Molloy, CH2M Hill, OMI, Inc.
Kevin Dahl, CH2M Hill, OMI, Inc.

1. CALL TO ORDER

Chairman Oustafine called the meeting to order at 5:30PM

2. EXECUTIVE SESSION TO DISCUSS ONGOING LITIGATION WITH FLOWSERVE ABOUT MAIN LIFT PUMPS' FAILURE

** MR. LEWIS CLARK MOVED TO ENTER INTO EXECUTIVE SESSION
** MOTION PASSED UNANIMOUSLY
Executive session began at 5:30PM
Executive session ended at 5:40PM
No action was taken

3. APPROVE THE MINUTES FROM WPCA MEETING HELD ON MAY 18, 2015 (COPY INCLUDED)

** MR. MCCARTHY MOVED TO APPROVE THE MINUTES
** MOTION PASSED UNANIMOUSLY
4. **AUTHORIZE THE CHAIRMAN OR VICE CHAIRMAN OF THE WATER POLLUTION CONTROL AUTHORITY TO RETAIN GOLDBERG SEGALLA TO PROVIDE LEGAL SERVICES RELATED TO PREPARATION OF AGREEMENTS, PREPARATION OF LEGAL OPTIONS AND THE DEFENSE AND/OR PROSECUTION OF LITIGATION MATTERS IN ACCORDANCE WITH ENGAGEMENT LETTER DATED JUNE 11, 2015 (DRAFT COPY INCLUDED)**

Mr. Kolb said that Scott Orenstein has changed firms from UKS to Goldberg Segalla and that the current rate with UKS was $250 per hour and it will now be $275 per hour with Goldberg Segalla.

**MR. MCMARTHY MOVED TO APPROVE THE ITEM**
**MOTION PASSED UNANIMOUSLY**

5. **AUTHORIZE THE CHAIRMAN OR THE VICE CHAIRMAN OF THE WATER POLLUTION CONTROL AUTHORITY TO TRANSFER FILES FROM UPDIKE, KELLY & SPELLACY P.C. TO GOLDBERG SEGALLA**

**MR. MCMARTHY MOVED TO APPROVE THE ITEM**
**MOTION PASSED UNANIMOUSLY**

6. **REPORTS**

a. FY 14/15 Revenues/Expenditures MUNIS Report (copy included)
   Mr. Kolb reported and said that everything is tracking as expected with the exception of legal services, and said that $80,000 has been budgeted, and that year to date have expended $84,050, due to the Flowserve litigation and minor various costs for contract preparation. He said on the revenue side the revenues from septic disposal are down more than was anticipated due to Kaiser-Battistone being sold and since then they have been going to Bridgeport. Mr. James Clark asked if the projections will change for next fiscal year. Mr. Kolb said “yes” and staff has already projected them down. He also said that the sewer connection fees are typically budgeted at $100,000, and this year is less and have only received approximately $40,000 year to date.

b. Discussion on WPCA Projects:
   1) Beacon Street Interceptor Service Area Sewer System Rehabilitation Project
      Mr. Kolb reported and said that the project has been completed and that the bypass will be taken down which will take a couple of weeks, and are anticipating that everything will be cleaned up by the end of June. He said that overall the project went well and that the costs are now being finalized.

   a. 23 Macintosh Road
      Mr. Kolb said that the homeowner did not like the idea of signing a release with the WPCA, obtaining a contractor and receive reimbursement and is choosing to
go through the city’s insurance claim process. Mr. James Clark asked if there are any other avenue’s of recourse. Mr. Kolb said “no” not typically.

2) Sammis Street Pump Station and Ann Street Flood Damage Upgrade
Mr. Kolb reported and said that the project has been completed but said that there are several pending critical change orders and are waiting on final pricing from the contractor. He said that the contractor is working with OMI, INC. on training them on various pieces of equipment, and said that once the individual training has been completed there will be an overall training. He said after that is completed OMI, Inc. will then take ownership of the pump station.

3) Request for Qualifications- On Call-Engineering Services
Mr. Kolb said that eleven proposals have been received in the three categories and after reviewing the submissions the selection panel has identified Wright-Pierce, ARCADIS, and CH2MHill. He said there will now be a round table discussion which is scheduled for June 25, 2015.

c. Sewer Use Bill Appeals/Adjustments Update
   1) Appeal status
      Mr. Kolb said that the adjustments to date are $73,403.

d. Contract Year 16-CPI Adjustment
Mr. Kolb said that the CPI adjustment for this year is zero and that a confirmation letter will be sent out next month once the numbers are finalized.

e. Information Copies:
   1) OMI Monthly Operating Reports-May,2015 (copy included)
      Mr. Kolb reported and said that nitrogen was in band “D” and that if the Wastewater Treatment Plant continues this performance Norwalk should receive nitrogen credits next year.

   2) Long Island Sound Report Card
      Mr. Kolb said that Long Island Sound received a B- on the report card.

   3) Norwalk Harbor Report Card
      Mr. Kolb said that the Norwalk Harbor has received a C+ on the report card. He said that the data for both report cards was compiled by various environmental groups.

T. ADJOURNMENT

** MR. MCCARTHY MOVED TO ADJOURN
** MOTION PASSED UNANIMOUSLY

The meeting adjourned at 6:20PM

Respectfully Submitted,

Dilene Byrd

3
September 14, 2015

Elisabeth O. Burns, PE  
Acting Principal Engineer  
Department of Public Works  
Water Pollution Control Authority  
15 S. Smith Street  
Norwalk, CT 06855

Re: On-Call Engineering Services for Wastewater Collection Systems  
Understanding of Consultant Scope of Services and Proposed Billing Rates

Dear Ms. Burns:

In accordance with our Statement of Qualifications (SOQ) submitted to the Water Pollution Control Authority (WPCA) on May 20, 2015 for the Wastewater Collection Systems On-Call Engineering Services, we are pleased to submit this letter confirming our understanding of the anticipated scope of services to be provided, along with our proposed billing rates.

It is our understanding that the WPCA intends to structure a three year contract and will develop scopes of work, or task orders, with associated level of effort negotiated as projects arise. The On-call engineering services can include planning, studies, alternatives analysis, design services, and construction administration/inspection. Additional specialty services can include surveying, information technology and geographic information systems (GIS), environmental consulting, geotechnical support, structural engineering, various types of modeling (e.g. hydraulic), economic and cost analysis, procurement, electrical design, and supervisory data and control acquisition (SCADA) services.

Based upon our understanding of the Request for Qualifications (RFQ) dated April 22, 2015, the currently proposed projects, related to the wastewater treatment plant are listed below:

1. Ely Avenue sewer replacement or construction of new pump station  
2. Marvin Beach forcemain replacement  
3. East Avenue Interceptor capacity restoration project  
4. Various priority sewer rehabilitation projects

Below is the proposed billing rate schedule as submitted in our SOQ.
<table>
<thead>
<tr>
<th>Personnel Classification</th>
<th>Direct Labor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Principal Engineer</td>
<td>$80</td>
</tr>
<tr>
<td>Project Manager</td>
<td>$69</td>
</tr>
<tr>
<td>Senior Technical Specialist</td>
<td>$65</td>
</tr>
<tr>
<td>Senior Project Engineer</td>
<td>$55</td>
</tr>
<tr>
<td>Engineer</td>
<td>$45</td>
</tr>
<tr>
<td>Staff Engineer</td>
<td>$39</td>
</tr>
<tr>
<td>Senior Technician</td>
<td>$40</td>
</tr>
<tr>
<td>CAD Operator</td>
<td>$32</td>
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<tr>
<td>Senior Computer Modeler</td>
<td>$56</td>
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<tr>
<td>Computer Modeler</td>
<td>$42</td>
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<tr>
<td>Senior Cost Estimator</td>
<td>$53</td>
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<tr>
<td>Senior Administrative Assistant</td>
<td>$29</td>
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<tr>
<td>Administrative Assistant</td>
<td>$24</td>
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<tr>
<td>Resident Project Representative</td>
<td>$45</td>
</tr>
<tr>
<td>Resident Engineer</td>
<td>$38</td>
</tr>
<tr>
<td>GIS Analyst</td>
<td>$40</td>
</tr>
<tr>
<td>Field Technician</td>
<td>$31</td>
</tr>
<tr>
<td>Overhead Rate</td>
<td>1.65</td>
</tr>
<tr>
<td>Profit (percentage)</td>
<td>7.00</td>
</tr>
<tr>
<td>Markup on Direct Reimbursable Expenses</td>
<td>4.00</td>
</tr>
</tbody>
</table>

CH2M is prepared to move forward on these specific projects/tasks, and any others the WPCA may require assistance with, as soon as practical. We look forward to the opportunity to finalize the specific scope of work and budget for each project/task and support the WPCA on these important projects. Should you have any questions or require any additional information please do not hesitate to contact us.

Sincerely,

CH2M

Eric J. Muir, P.E.
Elisabeth O. Burns, PE  
Acting Principal Engineer  
Department of Public Works  
Water Pollution Control Authority  
15 S. Smith Street  
Norwalk, CT 06855

Subject:  
On-Call Engineering Services For Wastewater Treatment Plant  
Understanding of Consultant Scope Of Services and Proposed Billing Rates

Dear Ms. Burns:

In accordance with our Statement of Qualifications (SOQ) submitted to the Water Pollution Control Authority (WPCA) on May 20, 2015 for the Wastewater Treatment Plant On-Call Engineering Services, we are pleased to submit this letter confirming our understanding of the anticipated scope of services to be provided, along with our proposed billing rates.

It is our understanding that the WPCA intends to structure a three year contract and will develop scopes of work, or task orders, with associated level of effort negotiated as projects arise. The On-Call Engineering Services can include planning, studies, alternatives analysis, design services, and construction administration/inspection. Additional specialty services can include surveying, information technology and geographic information systems (GIS), environmental consulting, geotechnical support, structural engineering, various types of modeling (e.g., hydraulic), economic and cost analysis, procurement, electrical design, and supervisory data and control acquisition (SCADA) services.

Based upon our understanding of the Request for Qualifications (RFQ) dated April 22, 2015, the currently proposed projects, related to the wastewater treatment plant are listed below:

1. Solids Handling Facility Improvements  
2. Aeration System and Blower Improvements  
3. Wet Weather Treatment Improvements  
4. Influent (Siphon Barrel) Sluice Gate Replacement within the Treatment Plant Site

Table 1 presents our proposed billing rate schedule for the On-Call Engineering Services as submitted at our June 25, 2015 interview.

Imagine the result

c://user/zbazydola/desktop/norwalk on-call/agreement/norwalk wtp on call arcdadis mou 09415.docx
<table>
<thead>
<tr>
<th>Category</th>
<th>Unburdened Hourly Rate ($)</th>
<th>Billable Rate ($)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engineer/Scientist Director</td>
<td>$76.50</td>
<td>$229</td>
</tr>
<tr>
<td>Principal Engineer/Scientist/Architect</td>
<td>$72.20</td>
<td>$216</td>
</tr>
<tr>
<td>Senior Engineer/Scientist/Architect II</td>
<td>$60.94</td>
<td>$182</td>
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<tr>
<td>Senior Engineer/Scientist/Architect/Resident Project Representative II</td>
<td>$55.00</td>
<td>$165</td>
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<tr>
<td>Senior Modeler</td>
<td>$54.35</td>
<td>$163</td>
</tr>
<tr>
<td>Project Engineer/Scientist/Architect</td>
<td>$50.13</td>
<td>$150</td>
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<tr>
<td>Staff Engineer/Scientist/Architect</td>
<td>$46.77</td>
<td>$140</td>
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<tr>
<td>Senior Designer/GIS Analyst/Resident Project Representative I</td>
<td>$44.47</td>
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<tr>
<td>Designer / Modeler</td>
<td>$39.86</td>
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<tr>
<td>Engineer/Scientist II</td>
<td>$38.00</td>
<td>$114</td>
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<tr>
<td>Project Assistant</td>
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</tr>
<tr>
<td>Engineer/Scientist I</td>
<td>$31.29</td>
<td>$94</td>
</tr>
<tr>
<td>Field Technician II</td>
<td>$28.99</td>
<td>$87</td>
</tr>
<tr>
<td>Field Technician I</td>
<td>$25.69</td>
<td>$77</td>
</tr>
</tbody>
</table>

| Overhead Rate                                     | 1.72                        |
| Profit                                            | 10%                         |
| Markup on Subconsultants per CT DEEP CWF           | 5%                          |
ARCADIS is prepared to move forward on these specific projects/tasks, and any others the WPCA may require assistance with, as soon as practical. We look forward to the opportunity to finalize the specific scope of work and budget for each project/task and help bring these important projects to fruition.

If you have any questions or require any additional information, please do not hesitate to contact us.

Sincerely,

ARCADIS U.S., Inc.

[Signature]

Gregory S. Bazydola, P.E.
Vice President

Copies:
C. Mallon Traynor (ARCADIS)
September 10, 2015
W-P Project No. T10609

Ms. Elisabeth O. Burns, PE
Acting Principal Engineer
Department of Public Works
Water Pollution Control Authority
15 S. Smith Street
Norwalk, CT 06855

Subject: On-Call Engineering Services for Pump Stations
Understanding of Consultant Scope of Services and Proposed Billing Rates

Dear Ms. Burns:

In accordance with our Statement of Qualifications (SOQ) submitted to the Water Pollution Control Authority (WPCA) on May 20, 2015, we understand that Wright-Pierce has been selected to provide Pump Station On-Call Engineering Services. We are pleased to submit this letter confirming our understanding of the anticipated scope of services to be provided, along with our proposed billing rates.

It is our understanding that the WPCA intends to structure a three-year contract for On-Call Pump Station Engineering Services. The WPCA and consultant will develop scopes of work, or task orders, with the associated level of effort negotiated as projects arise. The On-call engineering services can include planning, studies, alternatives analysis, design services, and construction administration/inspection. Additional specialty services can include surveying, information technology and geographic information systems (GIS), environmental consulting, geotechnical support, structural engineering, various types of modeling (e.g. hydraulic), economic and cost analysis, procurement, electrical design, and supervisory data and control acquisition (SCADA) services.

Based upon our understanding of the Request for Qualifications (RFQ) dated April 22, 2015, the currently proposed projects, related to the pump stations are listed below:

1. Keeler Brook Pump Station rehabilitation
2. Fort Point Pump Station rehabilitation

Included as an attachment to this letter is the billing rate information included with our SOQ dated May 20, 2015.
Wright-Pierce is prepared to begin work on either of these projects, and any other projects requested by the WPCA. We appreciate the opportunity to continue working with the WPCA. If you have any questions or require any additional information, please call.

Sincerely,
Wright-Pierce

[Signature]
Christopher N. Pierce, PE
Vice President

Attachments
The following direct labor rates and non-labor costs are provided for Pump Station On-Call Engineering Services. These costs represent the range of current direct labor rates for the staff anticipated to work on any on-call engineering assignments as presented in Section 4 of this submittal. We would update this table annually over the term of the contract based on regular annual staff reviews and salary increases.

<table>
<thead>
<tr>
<th>Accounting / Billing Classification</th>
<th>Average Hourly Direct Labor Rates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Principal / Engineering Manager</td>
<td>$55.00 - $66.95</td>
</tr>
<tr>
<td>Project Manager and Senior Project Engineer</td>
<td>$48.50 - $62.00</td>
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<tr>
<td>Project Engineer</td>
<td>$23.56 - $39.27</td>
</tr>
<tr>
<td>Project Architect</td>
<td>$28.10 - $39.75</td>
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<tr>
<td>Landscape Architect</td>
<td>$32.00 - $37.75</td>
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<tr>
<td>Resident Project Representative</td>
<td>$29.50 - $40.75</td>
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<td>Senior Engineering Technician</td>
<td>$29.50 - $40.00</td>
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<tr>
<td>Engineering Technician</td>
<td>$19.55 - $23.00</td>
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<tr>
<td>GIS Technician</td>
<td>$21.50 - $31.80</td>
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<tr>
<td>Architectural Technician</td>
<td>$19.00 - $23.75</td>
</tr>
<tr>
<td>Office Assistant</td>
<td>$16.00 - $28.50</td>
</tr>
</tbody>
</table>

The listed rates are current as of May 2015. As requested, these rates are based on direct labor costs for Wright-Pierce employees within each classification. Actual billing rates are based on the actual direct labor rates of individuals assigned to the project but the direct labor rates will not exceed the above rates during the first year of the contract. Our billing rates are also determined by the following:

Indirect Cost Rate (Overhead) - 167.99%
Markup on direct reimbursable expenses - 1.0
Markup on sub-consultants - 1.05
Profit (Direct Labor plus Overhead) - 1.15

Based on the above factors, our billing rate multiplier is currently 3.08 on direct labor rates plus the cost of direct reimbursable expenses plus sub-consultant costs times a factor of 1.05.
TO: Ralph Kolb, Norwalk WPCA  
FROM: Barry A. Parfitt  
DATE: August 4, 2015  
PROJECT NO.: 12657A  
SUBJECT: Sammis St Pump Station Project  
Cost Calculation for Amendment to Agreement

The current Board Approved Funds for the Sammis Street Pump Station Flood Damage Upgrade Project (WPCA2015-001) is $1,621,103.00

With the execution of Change Order 7, an additional $22,499.66 will be needed as an Amendment to the Agreement.

<table>
<thead>
<tr>
<th>Description</th>
<th>Approved to Date</th>
<th>Pending to Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Original Construction Cost</td>
<td>$1,459,718.00</td>
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</tr>
<tr>
<td>Change Order 1</td>
<td>$14,012.00</td>
<td></td>
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<tr>
<td>Change Order 2</td>
<td>$11,214.25</td>
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<tr>
<td>Change Order 3</td>
<td>($46,110.00)</td>
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<td>Change Order 4</td>
<td>$77,566.28</td>
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<tr>
<td>Change Order 5</td>
<td>$32,897.93</td>
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<td>Change Order 6</td>
<td>$31,798.00</td>
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<tr>
<td>Change Order 7</td>
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<td>$62,506.20</td>
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<tr>
<td>Revised Construction Cost</td>
<td>$1,581,096.46</td>
<td>$1,643,602.66</td>
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Total Board Approved Funds: $1,621,103.00
Funds Accounted For: $1,643,602.66
Deficit: -$22,499.66
Memo: Sammis St Pump Station Project  
Cost Calculation for Amendment to Agreement  
August 4, 2015  
Page 2

<table>
<thead>
<tr>
<th>Change Order 7 Items:</th>
<th>$</th>
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</thead>
<tbody>
<tr>
<td>Pump Wiring Modifications:</td>
<td>31,513.00</td>
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<td>Davit Replacement:</td>
<td>4,448.00</td>
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<td>Additional Landscaping:</td>
<td>11,848.12</td>
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<td>Wet Well Exhaust Vent Damper:</td>
<td>3,054.00</td>
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<td>Miscellaneous Changes:</td>
<td>2,950.58</td>
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<tr>
<td>Check Valve Limit Switch and Integration</td>
<td>24,121.00</td>
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<tr>
<td>Automatic Air Relief Valves</td>
<td>9,693.00</td>
</tr>
<tr>
<td>Item 02.011 Grading, Loam &amp; Seeding</td>
<td>($4,000.00)</td>
</tr>
<tr>
<td>Item 17.001 Additional Concrete</td>
<td>($4,000.00)</td>
</tr>
<tr>
<td>Item 17.002 Additional Select Fill</td>
<td>($2,600.00)</td>
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<tr>
<td>Item 17.003 Additional Excavation</td>
<td>($1,200.00)</td>
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<td>Item 17.004 Lead Paint Abatement</td>
<td>($4,435.00)</td>
</tr>
<tr>
<td>Item 17.005 Ann St Instrumentation</td>
<td>($797.40)</td>
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<tr>
<td>Item 17.006 Sammis Instrumentation</td>
<td>($674.96)</td>
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<tr>
<td>Item 17.007 Electrical Service</td>
<td>($7,414.14)</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>62,506.20</strong></td>
</tr>
</tbody>
</table>
DRAFT

SETTLEMENT AGREEMENT AND GENERAL RELEASE

WHEREAS, Water Pollution Control Authority for the City of Norwalk ("WCPA"), is an authority created by the City of Norwalk pursuant to Chapter 103, Sections 7-245 through 7-273a, inclusive, of the Connecticut General Statutes, as amended;

WHEREAS, WCPA was created “to construct, reconstruct, operate and maintain” all the City of Norwalk’s facilities for collecting, transporting, receiving, pumping, treating and disposing or discharging sewage and/or wastewater;

WHEREAS, Theresa Ponger, is the owner of certain real property located within the City of Norwalk known as of 23 Macintosh Road, Norwalk, Connecticut 06851 (the “Property”);

WHEREAS, on or about April 8, 2015, the Property’s sewer lateral backed up and caused damage to real and/or personal property (the “Property Damage”);

WHEREAS, Theresa Ponger claims that the WCPA and/or the City of Norwalk are liable for the Property Damage; and

WHEREAS, WCPA and Theresa Ponger desire to fully and finally settle Theresa Ponger’s claims against WCPA and/or the City of Norwalk.

NOW THEREFORE, in consideration of the conditions and mutual promises contained in this Agreement, the Parties to this Agreement, intending to be legally bound, hereby agree as follows:

1. All of the terms of this Agreement, including the WHEREAS paragraphs appearing before the numbered paragraphs, are contractual and not mere recitals.

2. As consideration for Theresa Ponger’s release of claims as described herein, WCPA agrees to fund the repair of the Property Damage in an amount not to exceed $______________.

3. As consideration for the funding of repairs as described herein, Theresa Ponger does hereby remise, release and forever discharge the WCPA and the City of Norwalk, and any and all of their employees, agents, principals, committees, boards or agency members, elected officials, past or present, from all dyes, sums of money, accounts, debts, obligations, reckonings, promises, covenants, agreements, contracts, endorsements, suits, actions, causes of actions, claims or demands, in law or in equity, which against WCPA and/or the City of Norwalk, Theresa Ponger ever had, now has or hereafter can, shall, or may have, for, upon or by reason of any matter, cause or thing whatsoever, from the beginning of the world to the date of these Presents. More particularly, Theresa Ponger does hereby remise, release and forever discharge the WCPA and the City of Norwalk from any and all claims arising out of a certain sewer backup on or about April
8, 2015. This release shall be effective as of the date of this Agreement’s execution stated below.

4. Upon execution of this Agreement, WPCA shall the deposit the sum of $_______________ with the law firm of Goldberg Segalla LLP to be held in escrow pending the repairs of the Property and/or the Property Damage (the “Repair Work”). The Repair Work shall be performed by ________________. Goldberg Segalla LLP shall release the escrowed funds to __________________ as the work progresses as follows:

   a. Upon ___% completion, Goldberg Segalla LLP shall release $__________ to ____________________________;

   b. Upon ___% completion, Goldberg Segalla LLP shall release $__________ to ____________________________;

   c. Upon ___% completion, Goldberg Segalla LLP shall release $__________ to ____________________________;

   d. Upon ___% completion, Goldberg Segalla LLP shall release $__________ to ____________________________.

No funds shall be released until Goldberg Segalla LLP receives written authorization from both Theresa Ponger and WPCA that they are in agreement that the required completion percentage has been achieved and that the Contractor is entitled to the applicable payment described above.

5. Goldberg Segalla LLP shall have no responsibility to determine the actual percentages of completion and shall be entitled to rely upon the representations of the Parties with regard to same. Furthermore, Goldberg Segalla LLP shall have no liability to either Party due to it having released funds from escrow based upon the Parties’ representations as described herein. Furthermore, the Parties hereto, jointly and severally, agree to defend, indemnify, and hold harmless Goldberg Segalla LLP from any and all claims asserted by third parties arising out of Goldberg Segalla LLP’s duties as escrow agent.

6. Theresa Ponger shall be responsible for retaining and entering into an agreement with a qualified and properly licensed contractor to perform the Repair Work. If the cost of the Repair Work exceeds the amount of escrowed funds, Theresa Ponger shall be solely responsible for all such costs. WPCA and/or the City of Norwalk shall not be liable for any amount in excess of the amount stated in Paragraph 2 above.

7. If the Repair Work is not completed within one year from the date of this Agreement stated below, Goldberg Segalla LLP shall release the balance of the escrowed funds to WPCA.

8. Theresa Ponger’s failure to complete the Repair Work within one year from the date of this Agreement shall be a waiver of her right to have WPCA fund the cost of the Repair Work or any portion thereof but Theresa Ponger’s release of claims as more fully described herein shall remain in full force and effect.
9. Theresa Ponger expressly acknowledges and agrees that the Property's existing sanitary sewer lateral does not conform to WPCA's requirements and/or the City of Norwalk's requirements.

10. This Agreement shall be considered the settlement of a disputed claim and shall not be construed as an admission of liability by WPCA and/or the City of Norwalk.

11. Theresa Ponger hereby represents that she is the sole owner of the Property and that she has full authority to enter into this Agreement and that no one else has any right to assert a claim against WPCA and/or the City of Norwalk arising out of or related to the Property Damage. If a third party asserts any such claim, Theresa Ponger agrees to defend, indemnify and hold harmless WPCA and the City of Norwalk from any and all such claims.

12. Theresa Ponger expressly agrees that the terms of this Agreement are confidential and shall not be disclosed to any person without WPCA's written consent.

13. It is the intention of the Parties that this Agreement shall be effective as a full and final accord and satisfaction and general release of and from all of Theresa Ponger's claims.

14. This Agreement sets forth the entire Agreement between the parties hereto, fully supersedes any and all prior agreements or understandings between the parties hereof, and may not be modified orally.

15. The Parties hereto shall each bear their own costs and fees, of any kind, incurred in connection with entering this Agreement.

16. The Agreement shall be governed and construed in accordance with the laws of the State of Connecticut, without giving effect to any conflicts of laws or choice of laws rules or principles thereof.

17. Should any term or provision of this Agreement be declared illegal, invalid or unenforceable by any court of competent jurisdiction, and such term or provision cannot be modified to be enforceable, such provision shall immediately become null and void, leaving the remainder of this Agreement in full force and effect.

18. This Agreement may be executed by the Parties in counterparts, which, collectively, shall constitute one agreement.
In Witness Whereof, the parties have signed and sealed this instrument or caused these presents to be signed on this _____ day of ______________, 2015.

WATER POLLUTION CONTROL AUTHORITY FOR THE CITY OF NORWALK

Witness

Witness

By: _______________________
   Darren Oustafine,
   Its Chairman
   Duly Authorized

THERESA PONGER

Witness _______________________

Theresa Ponger
23 Macintosh Road
Norwalk, CT 06851

STATE OF CONNECTICUT )
COUNTY OF FAIRFIELD) SS: Norwalk

On this _____ day of __________, 2015, before me, the undersigned personally appeared and acknowledged herself to be Theresa Ponger, and executed the foregoing instrument for the purposes therein contained and acknowledged the same to be her free act and deed.

In witness whereof, I hereunto set my hand.

Commissioner of Superior Court
Notary Public
June 23, 2015

Ms. Theresa Ponger
23 McIntosh Road
Norwalk, CT 06851

Re: Ms. Theresa Ponger - April, 2015

Dear Ms. Ponger,

I received your letter dated June 3, 2015 which outlined the water damage that occurred to your house that you believe was a direct result of work being done by the City of Norwalk on your road. McIntosh Road, in April, 2015. I have forwarded this matter to the City of Norwalk’s claim administrator, Connecticut Interlock Risk Management Agency (CIRMA) for investigation and action. Please direct any and all future communication(s) to:

CIRMA
P.O. Box 9558
New Haven, Connecticut 06535
Telephone, (800) 526-1647 or (203) 946-3700
Fax, (203) 773-8134

The assigned adjuster will forward to you an acknowledgement letter. CIRMA will direct any correspondence or contact received to the appropriate adjuster.

With kind regards,

Erin E. Herring, Asst. City Clerk

cc. M. Jeffry Spahr, Deputy Corporation Counsel
    Bruce Chimento, Interim Director, Public Works
    Frederic J. Gilden, Comptroller
    Diane Barry, Risk Management Consultant
    CIRMA
6/3/2015

ATT: City Clerk,

Please find enclosed a copy of the bill I got regarding the replacement of my family room floor and bathroom. Lindsay McCarthy from ARCADIS has made several trips to my home since the water damage. I spoke to Ralph Kolb and also Nick who said to send the bill here and you would take care of it. I have been inconvenienced since March! My downstairs is a mess and my son has had no use of the bathroom. Please handle this as soon as possible. This has gone on way too long. I also still have to have walls replaced and paint done. Your attention to this matter is very important to me,

Feven Savare: Very pale - $878.36 was given

Thank you!
Theresa Ponger
23 MacIntosh Road
Norwalk, CT. 06851
(203) 451-9907

JUN 8 2015
OFFICE OF THE MAYOR
CITY CLERK
# Quote

**Carpet King Norwalk**  
72 Connecticut Avenue  
Norwalk, CT 06854  
203 853 6666 Fax 203 866 3556

**For:** 203 451-9907  
**Ship To:** 203 451-9907

**Theresa Ponger**  
23 Macintosh Rd  
Norwalk, CT 06854  
23 Macintosh Rd  
Norwalk, CT 06854

<table>
<thead>
<tr>
<th>Type</th>
<th>Quantity</th>
<th>Product Description</th>
<th>Color / Item Number</th>
<th>Total</th>
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<tr>
<td>Vinyl</td>
<td>468 SqFt</td>
<td>KNIGHT TILE 12&quot; X 12&quot;</td>
<td>T99 RONA</td>
<td>$1,897.22</td>
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<td>468</td>
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<td>$697.32</td>
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<td>Notes</td>
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<tr>
<td>Vinyl</td>
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<td>K-91.4A ONE GALLON ADHESIVE</td>
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<td></td>
<td>1 EA</td>
<td>1 ROOM OF FURNITURE (PER ROOM)</td>
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<tr>
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<td>PRIMED WHITE QUARTER ROUND</td>
<td>12 FEET PER PIECE</td>
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<td></td>
<td>96 LF</td>
<td>Wood Perimeter Trim Work</td>
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<td>13 SqFt</td>
<td>DS05 RUSSET</td>
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<td></td>
<td>225 EA</td>
<td>MISC LABOR</td>
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**Total:** $2,496.25
50% DEPOSIT TO ORDER MEASURE
PAYMENT IN FULL TO RELEASE FROM WAREHOUSE
LIFE TIME WARRANTY ON ALL LABOR
FULL MANUFACTURER'S WARRANTIES APPLY
NO CANCELLATIONS ON SPECIAL ORDERS OR ASSIGNED STOCK
GLUE DOWN TACKS MAY REQUIRE ADDED TRIP
SEAM PLACEMENT AT CARPET KING'S DISCRETION
DOOR CLEARANCE IS CUSTOMER'S RESPONSIBILITY
SOME SCUFF MARKS ON BASEBOARD MAY OCCUR

I AUTHORIZE CARPET KING TO CHARGE THE BALANCE TO MY CREDIT CARD THE DAY BEFORE THE
SCHEDULED INSTALLATION...OR...I WILL PAY IN FULL BY CHECK OR CASH TO THE STORE PRIOR TO THE INSTALLATION DAY

SIGNATURE________________________

Buyer_________________________ Date_________ Seller_________________________ Date_________
### 22 WATER POLLUTION CONTROL

#### 040 PUBLIC WORKS

| 224062 WATER POLLUTION CONTROL | 224062 4051 SEWER CHARGE INTEREST | -65,000 | 0 | -65,000 | -75,271.56 | .00 | 10,271.56 | 115.8% |
| | 224062 4121 NITROGEN CREDIT TRADING | -65,900 | 0 | -65,900 | -65,525.00 | .00 | -375.00 | 99.4% |
| | 224062 4451 SEWER PERMITS | 0 | 0 | 0 | -1,900.00 | .00 | 1,900.00 | 100.0% |
| | 224062 4453 SEPTIC LICENSE | -1,500 | 0 | -1,500 | -1,200.00 | .00 | -300.00 | 80.0% |
| | 224062 4513 SEWER USE CHARGES | -13,512,961 | 0 | -13,512,961 | -13,839,696.21 | .00 | 326,735.71 | 102.4% |
| | 224062 4536 SEPTIC DISPOSAL FEE | -525,000 | 0 | -525,000 | -495,830.00 | .00 | -29,170.00 | 94.4% |
| | 224062 4521 SEWER USE CHARGES-WLTT | -475,000 | 0 | -475,000 | -477,563.00 | .00 | 2,565.00 | 100.5% |
| | 224062 4522 SEWER USE CHARGES-OUT | -52,750 | 0 | -52,750 | -72,518.00 | .00 | 19,768.00 | 137.5% |
| | 224062 452B REIMB. STORMWATER DQM | -5,000 | 0 | -5,000 | -5,000.00 | .00 | -5,000.00 | 0% |
| | 224062 452C INDUSTRIAL PRETREATMENT | -220,000 | 0 | -220,000 | -242,220.84 | .00 | 22,220.84 | 110.1% |
| | 224062 452D SEWER CONNECTION FEES | -100,000 | 0 | -100,000 | -38,630.00 | .00 | -61,370.00 | 38.6% |
| | 224062 452E INDUSTRIAL PRETREATMENT | 0 | 0 | 0 | -6,762.69 | .00 | 6,762.69 | 100.0% |
| | 224062 489F EXPENDITURE RIMB G F | 0 | 0 | 0 | -192,564.00 | .00 | 192,564.00 | 100.0% |
| | 224062 4901 INVESTMENT INCOME | -43,081 | 0 | -43,081 | -140,894.00 | .00 | 97,813.00 | 327.0% |

**TOTAL WATER POLLUTION CONTROL**

| 224062 WATER POLLUTION CONTROL | -15,066,192 | 0 | -15,066,192 | -15,650,577.30 | .00 | 584,385.30 | 103.9% |

**TOTAL PUBLIC WORKS**

| 224062 WATER POLLUTION CONTROL | -15,066,192 | 0 | -15,066,192 | -15,650,577.30 | .00 | 584,385.30 | 103.9% |

**TOTAL WATER POLLUTION CONTROL**

| 224062 WATER POLLUTION CONTROL | -15,066,192 | 0 | -15,066,192 | -15,650,577.30 | .00 | 584,385.30 | 103.9% |

**TOTAL REVENUES**

| 224062 WATER POLLUTION CONTROL | -15,066,192 | 0 | -15,066,192 | -15,650,577.30 | .00 | 584,385.30 | 103.9% |

**GRAND TOTAL**

| 224062 WATER POLLUTION CONTROL | -15,066,192 | 0 | -15,066,192 | -15,650,577.30 | .00 | 584,385.30 | 103.9% |

**END OF REPORT - Generated by Dilene Byrd**
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<th>FOR 2015 99</th>
<th>ORIGINAL APPROP</th>
<th>TRANSFERS/ADJUSTMENTS</th>
<th>AVAILABLE BUDGET</th>
<th>PCT EXPENDED ENC/REQ</th>
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FOR 2016 99

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<th>PCT USED</th>
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22 WATER POLLUTION CONTROL

040 PUBLIC WORKS

224062 WATER POLLUTION CONTROL

| 224062 4051 SEWER CHARGE INTEREST | -65,000 | 0 | -65,000 | -13,461.04 | .00 | -51,538.96 | 20.7% |
| 224062 4121 NITROGEN CREDIT TRADIN | 47,231 | 0 | 47,231 | .00 | .00 | 47,231.00 | 0.0% |
| 224062 4453 SEPTIC LICENSE | -1,500 | 0 | -1,500 | -100.00 | .00 | -1,400.00 | 6.7% |
| 224062 4513 SEWER USE CHARGES | -14,080,320 | 0 | -14,080,320 | -14,680,627.00 | .00 | 600,307.00 | 104.3% |
| 224062 4516 SEPTIC DISPOSAL FEE | -375,000 | 0 | -375,000 | -56,800.00 | .00 | -318,200.00 | 15.1% |
| 224062 4521 SEWER USE CHARGES-WILT | -475,000 | 0 | -475,000 | .00 | .00 | -475,000.00 | 0.0% |
| 224062 4522 SEWER USE CHARGES-OUT | -55,000 | 0 | -55,000 | -51,255.00 | .00 | -3,745.00 | 93.2% |
| 224062 452C INDUSTRIAL PRITREATMENT | -220,000 | 0 | -220,000 | -186,800.00 | .00 | -33,200.00 | 84.9% |
| 224062 452D SEWER CONNECTION FEES | -100,000 | 0 | -100,000 | -3,260.00 | .00 | -96,740.00 | 3.3% |
| 224062 452E INDUSTRIAL PRITREATMENT | 0 | 0 | 0 | -695.00 | .00 | 695.00 | 100.0% |
| 224062 4901 INVESTMENT INCOME | -100,000 | 0 | -100,000 | -11,931.00 | .00 | -88,069.00 | 11.9% |

TOTAL WATER POLLUTION CONTROL | -15,424,589 | 0 | -15,424,589 | -15,004,929.04 | .00 | -419,659.96 | 97.3% |
TOTAL PUBLIC WORKS | -15,424,589 | 0 | -15,424,589 | -15,004,929.04 | .00 | -419,659.96 | 97.3% |
TOTAL WATER POLLUTION CONTROL | -15,424,589 | 0 | -15,424,589 | -15,004,929.04 | .00 | -419,659.96 | 97.3% |
TOTAL REVENUES | -15,424,589 | 0 | -15,424,589 | -15,004,929.04 | .00 | -419,659.96 | 97.3% |
GRAND TOTAL | -15,424,589 | 0 | -15,424,589 | -15,004,929.04 | .00 | -419,659.96 | 97.3% |

** END OF REPORT - Generated by Dilene Byrd **
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<th>FOR 2016 99</th>
<th>ORIGINAL APPROP</th>
<th>TRANFRS/ ADJSTMTS</th>
<th>REVISED BUDGET</th>
<th>YTD EXPENDED</th>
<th>ENC/REQ</th>
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<td><strong>224062 PUBLIC WORKS</strong></td>
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<td>16,274,589</td>
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<td>4,909,860.60</td>
<td>6,924,556.03</td>
<td>57.5%</td>
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<td><strong>TOTAL WATER POLLUTION CONTROL</strong></td>
<td>16,274,589</td>
<td>0</td>
<td>16,274,589</td>
<td>4,440,172.37</td>
<td>4,909,860.60</td>
<td>6,924,556.03</td>
<td>57.5%</td>
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<tr>
<td><strong>TOTAL EXPENSES</strong></td>
<td>16,274,589</td>
<td>0</td>
<td>16,274,589</td>
<td>4,440,172.37</td>
<td>4,909,860.60</td>
<td>6,924,556.03</td>
<td>57.5%</td>
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<tr>
<td><strong>GRAND TOTAL</strong></td>
<td>16,274,589</td>
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<td>16,274,589</td>
<td>4,440,172.37</td>
<td>4,909,860.60</td>
<td>6,924,556.03</td>
<td>57.5%</td>
</tr>
</tbody>
</table>

** END OF REPORT - Generated by Dilene Byrd **
1 Plant Activities

A Maintenance

MRR Repairs/Upgrades
Rewired FST #3 motor control. Cleaned FST 1 to 4 launders
Repaired weir and cleaned diffusers on aeration tank #3
Repaired electrical short on BFP. Replaced IMLER #4.
Cleaned and repaired spray nozzles on aeration tanks.
Repaired controls on polymer pump #3.
Continue to work on valve replacement at Five Mile PS

Work orders |MC  
# of NOS completed 600 667
Ending WO backlog 567 615

B Violations

Excursion - Reason
8-11-15 Treated solids loss, Small amount of pin floc due to heavy rain

Performance Guarantee
none

C Training

Safety
Module #4 Not Enough Time (Compliance Training)
Module #10 Compliance Reporting Refresher
Updated and conducted training on Work Control Plan, AHA's and pre-task planning

Other
Conducted Quarterly Odor Survey

2 Collection Systems

A Pump Stations

MRR Repairs/Upgrades
Installed new VFD at Fort Point Pump Station
Replaced hydraulic lines on communicator at Woodward Ave PS
Replaced communicator at Old trolley Way Pump Station

B Collection System

Spill / Overflow Reports
8-14-15 Penna repaired a broken pipe at the intersection of Outlook Rd. and Garner St.
3 Personnel

A Number of Associates / Wastewater Operator Certifications

<table>
<thead>
<tr>
<th>Total Personnel</th>
<th>24</th>
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<tbody>
<tr>
<td>Operations</td>
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<td>Maintenance</td>
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<td>Collection Systems</td>
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<td>Turnover</td>
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<td>Class II</td>
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<td>Class I</td>
<td>3</td>
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</tbody>
</table>

B Changes

4 Safety

OSHA Recordable Incidents
None

Last Time Incidents
None

5 Total Nitrogen Performance

Avg. Influent Wastewater Temp. (°C) 23
Avg. BOD Loading (lbs./day) 12,554
Actual TN Performance (lbs./day) 615
Lookup Value (lbs./day) 700
Actual minus Lookup (lbs./day) -85
TN Performance Band EOR
Uncontrollable Circumstances None
Operational Review Findings
SOP Status
Summary of Findings
Inventory at targets.

Description of Ranges/Bands

Expected Operating Range
Band A
Band B
Band C
Band D
Actual TN (aTN), Lookup Value (LV)
aTN between 1 to 175 lbs./day less than LV
aTN between LV and up to 117 lbs./day in excess of LV
aTN between 118 and 234 lbs./day in excess of LV
aTN greater than 234 lbs./day in excess of LV
aTN 176 lbs./day less than LV

6 Miscellaneous

Regulatory Inspections
Project Compliance Reporting assessment (Lab Audit)
Storm Flow Events
8-11-15 On storm flow for 1 1/2 hours due to heavy rain 2.1"
1. Plant Operations
   A. Major Parameters

   Monthly average
   BOD (mg/l)

   Monthly average
   TSS (mg/l)

   Monthly average
   Fecal (#/100 ml)

   Monthly average
   TN (lbs/day)

   12-month Rolling
   average
   TN (lbs/day)

   Monthly average
   Flow MGD
1) Collection System Data Management and Inspection

(a) Cityworks data entry for August 2015 are reflected in attached tables
   (i) Production rate for CCTV for the month of August is 0.89 miles. Next month's TV inspection efforts continue to focus on documenting known critical areas and sewer lines crossing streets on the 5-year paving list.
       1. Monthly rolling averages
          a. TV – 0.91 miles a month
          b. Cleaning – 5.89 miles a month
   (ii) Focused CCTV and Cleaning being performed on clay pipes in the system. The city is divided into 4 quadrants and current CCTV and cleaning effort focused on the Northwest quadrant. The crews perform the work in a sequence from upstream to downstream, with a priority on inspecting pipes that have not been CCTV'd in the last three years. The SW quadrant will be the next focus, since the system is older and likely in more need of repair.
       1. Older clay pipes that haven’t been TV’d in over 3 years (NW Quadrant)
       2. Sewer problem areas
       3. CCTV lines that intersect the paving list – 2 paving list received from the City: 2015 paving; 5-year paving list. Three areas remaining to be CCTV-ed on the 2015 paving list.

(b) Hot spot list –
   (i) Final review of list has been completed and this layer is in GIS as of Nov 2014.
   (ii) Monthly work on hot spots are tracked/documentated separately for clarity.
   (iii) Completed three rounds of cleaning since new hot spot list was created. The 3rd round completed in a period of six weeks.
   (iv) Currently the crews are on the 4th round of hotspot cleaning.

(c) Deformed pipe list
   (i) 61 out of 61 deformed pipe segments have been inspected and these pipes have been reviewed and rated based on LOF, COF and total risk.

(d) Pipe condition downstream of PS forcemains
   (i) TV work completed for 18 PS and these pipes have been reviewed and rated based on LOF.
   (ii) Bouton Street PS done, 2 PS remaining – Fort Point and Perry Ave PS. CCTV to be performed when flows are low and will need police traffic protection.

(e) Protruding laterals
   (i) Cutter has been used to remove protruding laterals as they are found
   (ii) 5 protruding laterals cut in the month of August.

(f) Manhole raising
   (i) No manholes were identified to be raised in August.

2) Major Repair & Replacement Projects:

(a) New Manholes – Bouton Street,
   (i) Bouton Street: DPW issued permit. Penna has scheduled work for this week.

(b) Connecticut Avenue
   (i) Previous point repair fix required. The 8 inch repair coupling deformed due to concrete vault on top. The concrete vault contains utilities for Frontier communications, & CL&P.
   (ii) Penna has the required State permits to do the repair.
   (iii) Pan is to redirect the line, to move away from the vault for CL&P and Frontier communications. New manhole to be place. Waiting for City approval.

(c) Work Completed in July and August
   (i) 18 Gardner – there was a break in the main line. CCTV-ed and dye tested the line. Replaced the 7 ft. section of clay pipe with PVC.
2) WPCA Capital Improvement Projects (CIPs):
   (a) Beacon St Project
       (i) Minor lining work to be Amended
   (b) Bouton St and Ely Ave
       (i) This area will continue to be monitored for a potential new pump station
       (ii) OMI will continue to monitor on a monthly basis for any changes
   (c) Ann Street
       (i) Consider tying and alarm and elevation trend to SCADA through Aron Associates

3) Current Evaluations:
   (a) East Avenue (West Port Ave to Merrill)– Wet weather issues– OMI CCTV data Merrill @ East Ave – state drainage tied to sanitary?
       (i) Maps prepared for the area. Specific manholes are being monitored for surcharge and flooding issues.
       (ii) Focused CCTV/manhole inspection along state road.
   (b) Locate all Pump Station Forcemains. CH2M has contact contractors. WPCA delivered as-built information to CH2M. CH2M requested proposal from BSI to locate the FM.
   (c) 261 Ely Ave/Roodner Court - CCTV and identify why we had multiple spills from this location. The City’s line goes through an easement that includes a construction company that has a mound of soil on top of MH. Contractor removed the mound of soil and line CCTV-ed. Recommend lining pipe. Lining currently being scheduled.
   (d) 24 Isaac St. - Bypass reported on April 13th, CCTV performed. Cracks in the line and bad repair from previous fixes. CCTV tape being reviewed by CH2M HILL recommend replacement of 10-454 to 10-453 and 10-453 to 10-453.1. Point repair on 10-453.1 to 10-452 at 57 ft. where there is a large void.
   (e) Crescent Street – Cleaning and televising 6 segments of pipe. Also assisting with re-mapping these lines, since the manholes in GIS are not spatially accurate. Cleaning has proceeded slowly due to heavy debris in pipe.
   (f) Clara Drive – CCTV of several segments completed. Lining of the south segment to be scheduled. Dye testing of north segment to verify lateral connections scheduled for this week.
   (g) Lockwood lane - Found some contamination in the storm line and this was traced back to Lockwood lane.
       (i) Point repair completed
       (ii) Lining of the pipe being scheduled
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<th></th>
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## OMNORWALK
### SERVICE REQUEST SUMMARY
#### 8/1/2015 - 8/31/2015

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### SEWER-BACKUP

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### GRAND TOTAL: 14
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<th>CCTV (FEET)</th>
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<td>TOTAL:</td>
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<th>CLEANING (FEET)</th>
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<td>59,924</td>
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<td>TOTAL:</td>
<td>11.35</td>
<td>59,924</td>
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1 Plant Activities

A Maintenance

MRR Repairs/Upgrades

<table>
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<tr>
<th>Work orders</th>
<th>MC # of WOs completed</th>
<th>Ending WO backlog</th>
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<tr>
<td>This Month</td>
<td>Last Month</td>
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<tr>
<td>667</td>
<td>936</td>
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<tr>
<td>615</td>
<td>684</td>
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</table>

B Violations

Permit Monthly
None

Performance Guarantee
none

C Training

Safety
Mike Coon conducting Safety Training, Confined Space and Fall Protection Updated and conducted training on Work Control Plan, AHA's and pre-task planning

Other
Conducted Safety inspections at Westport Ave., Strathmore La., Karen Dr., Howard Ave., Winfield St., Pump Stations

2 Collection Systems

A Pump Stations

MRR Repairs/Upgrades
Completed installation and training on the new controllers at Bouton St. PS. Replaced Communitors at 5 Mile and Woodward Ave PS's.

B Collection System

Spill / Overflow Reports
On July 7th AJ Penna replaced 12' of 8" pipe at #7 Sention Ave On July 7th there was a 20 gallon sewage spill @ 9 Junebar La. Cleared blocked line and cleaned spill
3 Personnel

A Number of Associates / Wastewater Operator Certifications

<table>
<thead>
<tr>
<th>Total Personnel</th>
<th>24</th>
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</thead>
<tbody>
<tr>
<td>Operations</td>
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<td>Maintenance</td>
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<td>Collection Systems</td>
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<tr>
<td>Class I</td>
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</table>

B Changes

Hired temp Utility Worker Frank Barbosa for 90 days

4 Safety

OSHA Recordable Incidents
None

Lost Time Incidents
None

5 Total Nitrogen Performance

Avg. Influent Wastewater Temp. (°C) 22
Avg. BOD Loading (lbs./day) 18,199
Actual TN Performance (lbs./day) 524
Lookup Value (lbs./day) 772
Actual minus Lookup (lbs./day) -248
TN Performance Band D
Uncontrollable Circumstances None

Operational Review Findings

SOP Status

Summary of Findings

Inventory at targets.

Description of Ranges/Bands

Expected Operating Range
- Band A
- Band B
- Band C
- Band D

Actual TN (aTN), Lookup Value (LV)
- aTN between 1 to 175 lbs./day less than LV
- aTN between LV and up to 117 lbs./day in excess of LV
- aTN between 118 and 234 lbs./day in excess of LV
- aTN greater than 234 lbs./day in excess of LV
- aTN 176 lbs./day less than LV

6 Miscellaneous

Regulatory Inspections
None

Storm Flow Events
None
1. Plant Operations
   A. Major Parameters

   Monthly average
   BOD (mg/l)

   Monthly average
   TSS (mg/l)

   Monthly average
   Fecal (#/100 ml)

   Monthly average
   TN (lbs/day)

   12-month Rolling average
   TN (lbs/day)

   Monthly average
   Flow MGD
1 Plant Activities

A Maintenance

*MRR Repairs/Upgrades*

Reinstalled MLP #6, Changed breaker for #3 anoxic mixer.
Replaced gaskets on aeration spray water system. Replaced coupling on wash water pump, Replaced PT #1 drive motor.
Repaired TWAS pump #1. 
Replaced IMLER pump #8.
Replaced seal on BFP feed pump. Installed safety access gates on PST's, Aeration tanks, chlorine contact tanks, and dechlor tanks.
Replaced hypo pump #3. Repaired RAS pump #3. Cleaned debris from bar screen #3 channel. Repaired IMLER pump #6.

<table>
<thead>
<tr>
<th>Work orders</th>
<th>This Month</th>
<th>Last Month</th>
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<tr>
<td># of WOs completed</td>
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<td>661</td>
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<td>Ending WO backlog</td>
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<td>436</td>
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B Violations

*Permit Monthly*

Excursion - Reason
None

Performance Guarantee
None

C Training

Safety
Mike Coon conducting Safety Training.
Conducted training on Emergency Response Plan
Updated and conducted training on Work Control Plan, AHA's and pre-task planning

Other
Conducted safety evaluations at Shady Beach, Calf Pasture, Bethel St. and Marvin Beach pump stations.
Training at Sammis St. PS

2 Collection Systems

A Pump Stations

*MRR Repairs/Upgrades*

Contractor continued work on Sammis St. PS
Continued with replacement of communitors at pump stations
Started work on valve replacement at 5 Mile PS

B Collection System

*Spill / Overflow Reports*

AJ Penna completed Pine Point III
JA Penna replaced 7' of 8" sewer pipe on Walter Ave.
Grease blockage caused a 50 gal. spill at 28 Scribner Ave.
Grease blockage caused 750 gal. spill at 42 Bouton St.

50 gal sludge spill at 60 South Smith St. Valve on truck partially open
3 Personnel

A Number of Associates / Wastewater Operator Certifications

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<th>Total Personnel</th>
<th>Certifications</th>
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<td>24</td>
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B Changes

4 Safety

OSHA Recordable Incidents

Lost Time Incidents

None

None

5 Total Nitrogen Performance

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<td>20</td>
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<tr>
<td>Avg. BOD Loading (lbs./day)</td>
<td>19,149</td>
</tr>
<tr>
<td>Actual TN Performance (lbs./day)</td>
<td>572</td>
</tr>
<tr>
<td>Lookup Value (lbs./day)</td>
<td>859</td>
</tr>
<tr>
<td>Actual minus Lookup (lbs./day)</td>
<td>-287</td>
</tr>
<tr>
<td>TN Performance Band</td>
<td>D</td>
</tr>
<tr>
<td>Uncontrollable Circumstances</td>
<td>None</td>
</tr>
</tbody>
</table>

Operational Review Findings

SOP Status

Summary of Findings

Inventory at targets.

6 Miscellaneous

Regulatory Inspections

Storm Flow Events

None

None
Norwalk WPCA
Norwalk WPCF - Monthly Report
June-15

1. Plant Operations
   A. Major Parameters

   - Monthly average BOD (mg/l)
   - Monthly average TSS (mg/l)
   - Monthly average Fecal (#/10 ml)
   - Monthly average TN (lbs/day)
   - 12-month Polling average TN (lbs/day)
   - Monthly average Flow MGD
July 22, 2015

Mr. John Ahern  
CH2M  
60 South Smith Street  
Norwalk, CT 06855

Subject: Contract Year 16 (CY16) Consumer Price Index (CPI) Adjusted Administration Fee, Major Repair and Replacement Funds, and Forth Amendment

Dear Mr. Ahern:

We approve the CY16 adjustments for OMI’s Administration Fee, the Major Repair and Replacement Funds, and Fourth Amendment as stated in your two letters dated June 4, 2015 and June 5, 2015, based on a CPI increase of 0.00 percent from April 2013 to April 2014.

I have included a copy of your two letters as reference.

Sincerely,

[Signature]

Ralph K. Kolb, P.E.  
Sr. Environmental Engineer

cc: WPCA Board Members  
Bruce Chimento, P.E., Director of Public Works  
Lisa Burns, P.E., Operations Manager
June 4, 2015

Mr. Ralph Kolb, P.E.
Wastewater Systems Manager
City of Norwalk
15 South Smith St
Department of Public Works
Norwalk, CT 06855

Subject: Contract Year 2016 (CY16) Consumer Price Index (CPI) Adjusted Revenue and Major Repair and Replacement Funds (MRR)

Dear Mr. Kolb:

CH2M HILL OMI has obtained the latest CPI report for the NY-NJ-CT-PA Area as shown on the attachment. The following breakdown shows the adjusted revenue for CY16 as per the Agreement and the CY16 adjusted MRR funds.

<table>
<thead>
<tr>
<th>Contract Year</th>
<th>April CPI</th>
<th>% Increase</th>
<th>Base Fee</th>
<th>Base Fee Increase</th>
<th>Collections / Plant MRR</th>
<th>Collections / Plant MRR Increase</th>
<th>Pump Station MRR</th>
<th>Pump Station MRR Increase</th>
</tr>
</thead>
<tbody>
<tr>
<td>CY01</td>
<td>181.4</td>
<td>2.87%</td>
<td>$3,617,026</td>
<td>$200,000</td>
<td>$50,000</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CY02</td>
<td>186.6</td>
<td>3.79%</td>
<td>$3,720,711</td>
<td>$205,740</td>
<td>$5,740</td>
<td></td>
<td>$51,135</td>
<td>$1,435</td>
</tr>
<tr>
<td>CY03</td>
<td>191.8</td>
<td>2.79%</td>
<td>$3,824,357</td>
<td>$211,480</td>
<td>$6,740</td>
<td></td>
<td>$52,870</td>
<td>$1,435</td>
</tr>
<tr>
<td>CY04</td>
<td>196.7</td>
<td>2.55%</td>
<td>$3,922,100</td>
<td>$218,873</td>
<td>$5,923</td>
<td></td>
<td>$54,218</td>
<td>$1,348</td>
</tr>
<tr>
<td>CY05</td>
<td>202.0</td>
<td>3.71%</td>
<td>$4,067,659</td>
<td>$224,919</td>
<td>$9,046</td>
<td></td>
<td>$56,230</td>
<td>$2,011</td>
</tr>
<tr>
<td>CY06</td>
<td>207.5</td>
<td>4.17%</td>
<td>$4,237,310</td>
<td>$234,268</td>
<td>$9,379</td>
<td></td>
<td>$58,675</td>
<td>$2,345</td>
</tr>
<tr>
<td>CY07</td>
<td>212.0</td>
<td>3.62%</td>
<td>$4,390,701</td>
<td>$242,768</td>
<td>$9,482</td>
<td></td>
<td>$60,685</td>
<td>$2,120</td>
</tr>
<tr>
<td>CY08</td>
<td>215.8</td>
<td>2.54%</td>
<td>$4,502,225</td>
<td>$246,947</td>
<td>$6,167</td>
<td></td>
<td>$62,237</td>
<td>$1,542</td>
</tr>
<tr>
<td>CY09</td>
<td>233.8</td>
<td>3.54%</td>
<td>$4,661,604</td>
<td>$257,759</td>
<td>$8,813</td>
<td></td>
<td>$64,440</td>
<td>$2,203</td>
</tr>
<tr>
<td>CY10</td>
<td>235.6</td>
<td>0.77%</td>
<td>$4,845,981</td>
<td>$37,029</td>
<td>$3,080</td>
<td></td>
<td>$70,539</td>
<td>$539</td>
</tr>
<tr>
<td>CY11</td>
<td>240.5</td>
<td>2.08%</td>
<td>$4,946,768</td>
<td>$100,786</td>
<td>$8,833</td>
<td></td>
<td>$72,006</td>
<td>$1,467</td>
</tr>
<tr>
<td>CY12</td>
<td>246.5</td>
<td>2.49%</td>
<td>$5,069,943</td>
<td>$123,175</td>
<td>$10,245</td>
<td></td>
<td>$73,799</td>
<td>$1,793</td>
</tr>
<tr>
<td>CY13</td>
<td>252.3</td>
<td>2.35%</td>
<td>$5,189,087</td>
<td>$119,144</td>
<td>$9,910</td>
<td></td>
<td>$75,533</td>
<td>$1,734</td>
</tr>
<tr>
<td>CY14</td>
<td>255.9</td>
<td>1.43%</td>
<td>$5,263,291</td>
<td>$143,790</td>
<td>$6,172</td>
<td></td>
<td>$76,613</td>
<td>$1,080</td>
</tr>
<tr>
<td>CY15</td>
<td>259.9</td>
<td>1.56%</td>
<td>$5,345,398</td>
<td>$124,820</td>
<td>$8,629</td>
<td></td>
<td>$77,808</td>
<td>$1,195</td>
</tr>
<tr>
<td>CY16</td>
<td>259.9</td>
<td>0%</td>
<td>$5,345,398</td>
<td>$0</td>
<td>$0</td>
<td></td>
<td>$77,808</td>
<td>$0</td>
</tr>
</tbody>
</table>

Please provide written approval of the increase.

Sincerely,

[Signature]

John Ahern
CH2M HILL OMI Project Manager

Cc: Bruce Chimento, Norwalk Interim Director of Public Works
Lisa Burns P.E., Norwalk Operations Manager
Kevin Dahl, CH2M HILL OMI
June 5, 2015

Mr. Ralph Kolb, P.E.
Wastewater Systems Manager
City of Norwalk
15 South Smith St
Department of Public Works
Norwalk, CT 06855

Subject: Contract Year ’03 (CY03) Consumer Price Index (CPI) Annual Fee Adjustment
Collection System Program Manager Services

Dear Mr. Kolb:

OMI has received the latest CPI report for the NY-NJ-CT-PA Area as shown on Page 2. The following breakdown shows the adjusted CY03 annual fee as per the Fourth Amendment to Agreement for the provision of collection system program manager services ("Services").

CPI adjustment for April14/April15 = (259.9 - 259.9) / 259.9 = 0%

<table>
<thead>
<tr>
<th>CPI</th>
<th>PRIOR CY ANNUAL FEE</th>
<th>ANNUAL FEE ADJUSTMENT</th>
<th>ANNUAL FEE</th>
</tr>
</thead>
<tbody>
<tr>
<td>CY01a (12 Months)</td>
<td>N/A</td>
<td>N/A</td>
<td>$69,800</td>
</tr>
<tr>
<td>CY01b (6 Months)</td>
<td>N/A</td>
<td>N/A</td>
<td>$29,083.34</td>
</tr>
<tr>
<td>CY02</td>
<td>1.56%</td>
<td>$69,800</td>
<td>$1,089</td>
</tr>
<tr>
<td>CY03</td>
<td>0%</td>
<td>$70,889</td>
<td>$0.00</td>
</tr>
</tbody>
</table>

The City of Norwalk’s authorization for the provision of the Services and acceptance of the CY02 Annual Fee set forth above shall be evidenced by the signature below.

Sincerely,

[Signature]
John Ahern
CH2M HILL OMI Project Manager

Cc: Bruce Chimento, Norwalk Interim Director of Public Works
Lisa Burns P.E., Norwalk Operations Manager
Kevin Dahl, CH2M HILL OMI

The City of Norwalk hereby authorizes Operations Management International, Inc. to continue to provide the Services at the CY02 Annual Fee by its signature below.

Authorized by:
City of Norwalk

Name: Ralph Kolb
Title: Wastewater Systems Manager
Consumer Price Index - All Urban Consumers

Original Data Value

Series: CUUR101SA0
Id: 
Not Seasonally Adjusted
Area: New York-Northern New Jersey-Long Island, NY-NJ-CT-PA
Item: All items
Base: 1082.84=100
Period: 
Years: 2005 to 2015

<table>
<thead>
<tr>
<th>Year</th>
<th>Jan</th>
<th>Feb</th>
<th>Mar</th>
<th>Apr</th>
<th>May</th>
<th>Jun</th>
<th>Jul</th>
<th>Aug</th>
<th>Sep</th>
<th>Oct</th>
<th>Nov</th>
<th>Dec</th>
</tr>
</thead>
<tbody>
<tr>
<td>2005</td>
<td>208.1</td>
<td>206.9</td>
<td>212.4</td>
<td>212.5</td>
<td>211.4</td>
<td>210.7</td>
<td>212.5</td>
<td>214.1</td>
<td>215.8</td>
<td>216.6</td>
<td>215.3</td>
<td>214.2</td>
</tr>
<tr>
<td>2006</td>
<td>215.9</td>
<td>216.4</td>
<td>218.2</td>
<td>220.2</td>
<td>221.6</td>
<td>222.6</td>
<td>223.1</td>
<td>224.1</td>
<td>222.9</td>
<td>221.7</td>
<td>220.9</td>
<td>221.3</td>
</tr>
<tr>
<td>2007</td>
<td>221.767</td>
<td>223.066</td>
<td>224.551</td>
<td>226.780</td>
<td>227.146</td>
<td>228.258</td>
<td>228.628</td>
<td>228.326</td>
<td>228.306</td>
<td>228.552</td>
<td>229.504</td>
<td>229.395</td>
</tr>
<tr>
<td>2013</td>
<td>254.807</td>
<td>256.234</td>
<td>256.569</td>
<td>256.667</td>
<td>256.270</td>
<td>256.611</td>
<td>257.326</td>
<td>257.669</td>
<td>258.504</td>
<td>257.060</td>
<td>257.377</td>
<td>257.284</td>
</tr>
<tr>
<td>2015</td>
<td>258.376</td>
<td>259.240</td>
<td>258.647</td>
<td>256.959</td>
<td>256.959</td>
<td>256.959</td>
<td>256.959</td>
<td>256.959</td>
<td>256.959</td>
<td>256.959</td>
<td>256.959</td>
<td>256.959</td>
</tr>
</tbody>
</table>
4.3 Average Sewer Service Charges Increase at Nearly Double the Inflation Rate

Because of the variation of rate structures implemented, the average annual single-family residential sewer service charge, inclusive of collection and treatment charges, provides a consistent benchmark to measure the price of service and changes in the price of service among clean water agencies nationwide.

NACWA performs an annual survey on changes in residential sewer service rates, called the NACWA Service Charge Index (Index) to supplement the data in the Financial Survey. The NACWA Index measures the year-to-year percent change in residential sewer charges and has tracked the national trends in residential service charges since 1985. The 2013 data indicate that the average residential service charge continues to increase faster than the rate of inflation as measured by the Consumer Price Index, nearly doubling inflation from 2010 to 2013. Projections from the 2013 NACWA Index indicate that the average single-family residential service charge will exceed $500 per year in 2016, a $100 increase from 2012 (Figure 16).

In 2013, the national average annual residential sewer service charge was $435.

FIGURE 16: Historical and Project Average Single-Family Residential Service Charge (1985-2018)\(^{39}\)