AGENDA

DATE: Monday, June 16, 2014

TIME: 5:30 PM

PLACE: Public Works Center (Second Floor Conference Room), 15 South Smith Street

1. Call to Order

2. Executive Session to discuss ongoing litigation with Flowserve about main lift pumps' failure

3. Approve the minutes from WPCA Meeting held on May 19, 2014 (copy included)

4. Authorize the Chairman or Vice Chairman of the Water Pollution Control Authority to execute an amendment to the November 28, 2012 with Aaron Associates of Connecticut, Inc. in the amount of $21,590 to provide additional SCADA functions for the Pump Station SCADA Telemetry System Project in accordance with a letter proposal dated May 16, 2014 (copy included).
   Account Nos. 09084062-5777-C0256 & 09104062-5777-C0363

5. Approve revisions to the Septage Disposal Rules and Regulations (copy included)

6. Approve sanitary sewer extension along Strawberry Hill Avenue and Norden Place for 8 Norden Place for inclusion into the City's sanitary sewer system (letters and drawing included).

7. Act on Connection Fee waiver for the Waypointe (Mid-Block & North-Block) Project in the amount of $175,040 (connection fee payment included)

8. Reports:
   a. FY13/14 Revenues/Expenditures MUNIS Report (copy included)
   b. Discussion on the Sammis Street Pump Station (report included)
   c. Discussion on the Ely Avenue Cleaning and CCTV Project
   d. Sewer Use Bill Appeals/Adjustments Update
      1) Appeal status
      2) Sewer Use Fee Billing (FY14-15)
   e. Information Copies:
      1) OMI Monthly Operating Report – May 2014 (copy included)

9. Adjournment

Next WPCA Meeting: Monday, July 21, 2014
5:30 PM
Second Floor Conference Room, Public Works Center
15 South Smith Street
CITY OF NORWALK  
WATER POLLUTION CONTROL AUTHORITY  
May 19, 2014  

Attendance:  Darren Oustafine, Chairman  
             Lewis Clark, Vice Chairman  
             James Clark  
             John Flynn  
             Galen Wells  
             Doug Hempstead  

Staff:  Hal Alvord, DPW Director  
       Ralph Kolb, DPW Senior Environmental Engineer  

Others:  John Ahern, CH2M Hill, OMI, INC  
        Scott Orenstein, Updike, Kelly and Spellacy  
        Susan Sweitzer, Redevelopment Agency  
        Ela Lagasse, Redevelopment Agency  

1. CALL TO ORDER  
Chairman Oustafine called the meeting to order at 5:34PM  

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

** MR. JAMES CLARK MOVED TO ENTER INTO EXECUTIVE SESSION  
** MOTION PASSED UNANIMOUSLY  
Executive session began at 5:34PM  
Executive session ended at 5:55PM  

** MR. LEWIS CLARK MOVED TO SUSPEND THE RULES TO DISCUSS THE MAIN LIFT PUMPS  
** MOTION PASSED UNANIMOUSLY  

** MR. LEWIS CLARK MOVED TO AUTHORIZE THE CHAIRMAN TO ENTER INTO CONTRACT WITH CDM SMITH, INC. FOR ENGINEERING TECHNICAL INVESTIGATION OF REPLACING THE FLOWSERVE MAIN LIFT PUMPS WITH FLYGT PUMPS FOR A SUM NOT TO EXCEED $50,000.  
** MOTION PASSED UNANIMOUSLY  

** MR. FLYNN MOVED TO SUSPEND THE RULES TO DISCUSS WAYPOINT  
** MOTION PASSED UNANIMOUSLY
Ms. Sweitzer said that in 2006 the Common Council unanimously found that the West Avenue corridor met the state statute requirements for a blighted area, and approved the West Avenue development plan, which began the initiatives of public investment in that area. She said that the state and the city have contributed considerable dollars into infrastructure improvements and planning, and that all of this was set up as an incentive to attract investors into that market area. Ms. Lagasse said that the certificate of occupancy may be temporarily withheld if the vote is not approved by the WPCA to waive the connection fees. Mr. Hempstead asked if there has been a commitment by the city. Ms. Sweitzer said “no” but there is for investment in the Waypoint Project in the capital budget fund, and that there is also a commitment on behalf of the agency, in which the agency commissioners took to vote last fall to put before the WPCA a request a waiver, but that the city never committed to waiving the fees. Mr. Hempstead asked what the total fee will be. Ms. Lagasse said $97,800. Mr. Kolb clarified that that was only for the mid-block and not the entire project. Mr. James Clark said that he has a difficult time supporting waiving the fees because the fees are in place for a reason, and that the taxpayer would ultimately have to cover the cost, and that he has not heard anything supporting taking action to waive them. Mr. Oustafine said that he does not think it is fair to the rate payer and that he is not in support of waiving the fees. Ms. Sweitzer asked if there can be some formal communications with the Department of Public Works so that the temporary certificate of occupancy is not withheld. Mr. Alvord said “no” and that he is the one that gave that directive to his staff, and he has advised his staff not to give any approval for further certificate of occupancy, or temporary certificate of occupancy until the issue is resolved. He said it is unfair to the people who are paying the fee. After further discussion it was decided that staff will include this as an action item on next month’s agenda.

3. APPROVE THE MINUTES FROM WPCA MEETING HELD ON APRIL 21, 2014 (COPY INCLUDED)

Mr. James Clark said on Page 1, in the attendance to change “Cook” to “Koch”
Mr. Oustafine said on Page 2, Item 6, to change “capital” to “capital”
Mr. Oustafine said on Page 2, Item 8, Line , to delete “and”

** MR. FLYNN MOVED TO APPROVE THE MINUTES
** MOTION PASSED UNANIMOUSLY

4. AUTHORIZE THE CHAIRMAN OR VICE CHAIRMAN OF THE WATER POLLUTION CONTROL AUTHORITY TO EXECUTE AN AMENDMENT TO THE JUNE 11, 2013 WITH ARCADIS U.S., INC. IN THE AMOUNT OF $239,000 TO PROVIDE CONSTRUCTION ADMINISTRATION SERVICES FOR THE BEACON STREET INTERCEPTOR SERVICE AREA PROJECT IN ACCORDANCE WITH A LETTER PROPOSAL DATED MAY 13, 2014 (COPY INCLUDED).

ACCOUNT NO. 09114062-5777-C0361

Mr. Flynn asked who reviewed this proposal and what the process was. Mr. Kolb said that he had contacted ARCADIS and they submitted a proposal. Mr. Flynn asked if they were one of
several bidders. Mr. Alvord said that there are no bids for this item, and that it is qualifications based selection, and ARCADIS has done work for the WPCA for the past 20 years.

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

5. **AUTHORIZE THE CHAIRMAN OR VICE CHAIRMAN OF THE WATER POLLUTION CONTROL AUTHORITY TO EXECUTE AN AGREEMENT WITH HEITKAMP, INC. IN THE AMOUNT OF $1,748,239.10 FOR THE BEACON STREET INTERCEPTOR SERVICE AREA PROJECT (PROJECT: WPCA2014-1). (BID DOCUMENTS ATTACHED)**

Mr. Lewis Clark asked staff to describe the Beacon Street project. Mr. Kolb said that the project consists of lining 20,000 linear feet of sanitary sewer pipe. He said that the majority is 15-inch clay tile pipe with joints every 2 feet that allows roots to grow in the pipe that cause many problems over the years with it surcharging. He said easement areas are difficult to clean and maintain and by lining it will prevent any root structure from growing back into the sanitary sewer line. Mr. Hempstead asked if the bids were verified being that they were so close. Mr. Kolb said “yes” that ARCADIS has verified the numbers, and that National Water Main has not protested the results, and they have acknowledged that they were not the low bidder.

Account Nos. 09114062-5777-C0361, 09124062-5777-C0361, 09134062-5777-C0361

6. **AUTHORIZE THE DIRECTOR OF PUBLIC WORKS TO ISSUE ORDERS ON CONTRACT TO HEITKAMP, INC. FOR THE BEACON STREET INTERCEPTOR SERVICE AREA PROJECT (PROJECT: WPCA2014-1) FOR AN AMOUNT NOT TO EXCEED $174,824.**

Account No. 09134062-5777-C0361

7. **REPORTS**

a. **FY13/14 Revenues/Expenditures Report (MUNIS report included)**
   Mr. Kolb said that Wilton has paid their invoice in the amount of $505,061, for the sewer use charges and that it is reflected in the report. He said that overall everything is tracking as anticipated on both the revenue and expense side.

b. **Sewer Use Bill Appeals/Adjustments Update**
   1. **Appeal Status**
      Mr. Kolb said that the adjustments to date are $40,370
2. Sewer Use Fee Billing (FY 14-15)
   Mr. Kolb said that the Tax Assessor has done two major items this year, and that one is they have switched software systems and in conjunction with that have done a reevaluation of all properties. He said as staff was putting together the billing for this year, it was discovered that there are properties that were residential in the past, that are now considered commercial because of the land use code by the new system, and may be billed the consumption rate rather than the unit rate. He also said since the First District Water Department does not provide water accounts that are in an individual’s name for a business’s, a special billing was done several years ago. He said with the new software some of the parcels that had been formally based on the number of units may now fall in that commercial category, and will be billed based on consumption. He said that staff wanted to make the board aware that there will be a lot more appeals this year then there has been in the recent past.

c. Information Copies:
   1. OMI Monthly Report- April 2014 (copy included)
      Mr. Kolb reported on the collections system and said that there have been four spills over the last two months at the Old Trolley Way pump station, and that OMI has identified some of the electrical issues. He said that they have outsourced the repair because it is a higher level of work then what is in house. He said that nitrogen fell into band "D"

   2. Final Nitrogen Credit- 2013 (copy included)
      Mr. Kolb said that Norwalk will receive $65,525 in nitrogen credits.

8. ADJOURNMENT

** MR. JAMES CLARK MOVED TO ADJOURN
** MOTION PASSED UNANIMOUSLY

The meeting adjourned at 7:40PM

Respectfully Submitted,

Dilene Byrd
May 16, 2014

Wright-Pierce
40 Shattuck Road, Suite 305
Andover, MA 01810

Attn: Scott Hinckley
Contact: w: (207) 725-8721 x3742; email: Scott.Hinckley@Wright-Pierce.com

Re: Norwalk, CT WPCA
Subject: Proposal for Additional SCADA Functions

Scott:

Aaron Associates appreciates the opportunity to provide this proposal for the requested additional SCADA functions as outlined in the Wright-Pierce Memorandum dated 4-30-2014 and email from 5/15/14. They have been itemized in the following table with commentary for your consideration.

Please contact me after you’ve had a chance to review this proposal.
With your approval, we will proceed with the ordering of material and a timely scheduling of the efforts.

Sincerely,

Carmen Corvigno
Professional Engineer
Phone: (203) 753-1536 x10
<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Qty</th>
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<tbody>
<tr>
<td>1. Security Alarm Disable Function:</td>
<td>AA will configure the SCADA PC at the WWTF lab to be the master and will disable the security alarms at each remote site during the configurable times set at the SCADA. This will involve programming at the WWTF SCADA and PollingPLC, and each of the (24) remote site PLCs.</td>
<td>30 hrs</td>
<td>$4200</td>
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<td>2. Out of Service Indicator:</td>
<td>AA will configure the ability for the Operators to select pumps, grinders, and generators as 'Out of Service' on the SCADA. Note: Associated alarms to equipment that is out of service will still be active. AA will also log the change of state historically to event files within Intellution.</td>
<td>16 hrs</td>
<td>$2240</td>
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<td>3. Provide Flow Data Access:</td>
<td>AA will configure historical logging of the WPCF’s Influent flow, levels, pump speeds, and runtimes to a SQL Server Express database. A query to Microsoft Excel will included for the Operators to select start and end dates for the SCADA to output a structured report similar that which was provided as a sample. Note: Please advise is actual Historian and/or customizable reporting software package are desired.</td>
<td>24 hrs</td>
<td>$3360</td>
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<td>4B. WIN911 Alarm Autodialer Option:</td>
<td>AA recommends WIN-911 for this application. It is a software autodialer that would be installed on the lab PC and communicates directly with the Intellution SCADA database. There are approximately (300) alarms in the Norwalk Remote Sites system alone. WIN-911 is capable of handling a large volume of alarms, announcing alarms locally (with speakers), can audibly annunciate each alarm in the system individually, can provide the requested email capability, and is easily scalable for future alarms. AA is a named System Integrator for WIN-911 and has successfully commissioned this software on numerous water and wastewater facilities.</td>
<td>Lot</td>
<td>$3790</td>
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<td>WIN-911 Professional with premium voice and digital modem, phone line TVSS As discussed, Software Engineering for integration of all remote sites alarms, only including procurement, installation, licensing, alarm configuration, and startup via both voice and email.</td>
<td>32 hrs</td>
<td>$4180</td>
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<td>Note: A dedicated phone line for call outs and an internet connection and modem/router to be provided by the WPCA.</td>
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<td>5. New Alarm Horn:</td>
<td>AA is herein recommending a new Micrologix 1100 PLC as we have determined that there are no additional slots in the Polling PLC chassis for inputs or Outputs. AA will install and wire a new audible horn, pushbuttons for Test-Alarm-Silence, and Micro PLC at the Polling PLC CP (Master Control Panel) and program the associated devices.</td>
<td>Lot</td>
<td>$720</td>
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<td></td>
<td>Material (above) Engineering (above) Note: Please provide a picture of the existing control panel so we may confirm available panel space for installation of new devices.</td>
<td>20 hrs</td>
<td>$2300</td>
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<td>6. Access to Historical Alarm Logs:</td>
<td>During the Remote Sites project, AA enabled the alarm logging capability which populates daily log files on the SCADA PC. AA will provide training for the Operators during any of the above efforts on how to access and review these files.</td>
<td>0 hrs</td>
<td>$0</td>
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<tr>
<td><strong>TOTALS</strong></td>
<td></td>
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<td>$21,590</td>
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WATER POLLUTION CONTROL AUTHORITY  
FOR THE CITY OF NORWALK  

RULES AND REGULATIONS FOR DISCHARGE OF SEPTAGE WASTE  

EFFECTIVE DATE: January 1, 1993  
AMENDED: November 14, 2005  
AMENDED: October 15, 2012  
AMENDED: June 16, 2014  

Any acceptance of liquid septic tank or cesspool wastes disposed at the Norwalk Wastewater Treatment Plant must comply with the City of Norwalk’s Ordinances covered in Chapter 92 “Septage Disposal” and Section 91-4 “Waste Restrictions” and including those conditions necessary to achieve the above protection.

I  SCOPE OF SERVICE  

Septic tank truck owners or their agents are permitted to dispose of liquid septic tank or cesspool wastes which have originated within the City of Norwalk, the Town of Wilton and other towns that have executed an agreement with the Water Pollution Control Authority for the City of Norwalk (herein after referred to as the “WPCA”) in the Septage Receiving Station at the Norwalk Wastewater Treatment Plant during the following hours of operation: Monday thru Friday 6:00 A.M. to 6:00 P.M., Saturday 6:00 A.M. to 1:00 P.M. Septage Receiving Station is closed on Sundays and Holidays.

II  LICENSE/REGISTRATION OF VEHICLES  

Commercially licensed motor vehicles used to transport septic tank or cesspool liquid wastes must be inspected by the City of Norwalk Health Department, and licensed/registered by the Norwalk Water Pollution Control Authority WPCA for identification and also to assure that the equipment used is compatible with the Septage Receiving Station. Inspection and license/registration are the only means to obtain a septage disposal permit identification tag/sticker in order to collect, transport through the public street or highways of the City and dispose septic tank/cesspool liquid wastes at the Norwalk Wastewater Treatment Plant. Procedures for applying or renewing licenses/registrations are as follows:

A.  

New applicants should contact the Norwalk Water Pollution Control Authority WPCA to initiate the vehicle license/registration process.

B.  

Vehicle owners are required to renew their licenses/registrations every June at a location and date specified by the Norwalk Water Pollution Control Authority WPCA. Please be aware that delinquent unpaid invoices must be paid in full in order to renew your license/registration.

C.  

Application/renewal requirements for of a license/registration of vehicles: requirements:

1.  

The name and address of the applicant. If applicant is a firm or partnership, the names of all the members shall be listed; if the applicant is a corporation, the names and titles of each of the officers shall be listed.

2.  

The area within which the applicant wishes to collect or transport.

3.  

The number, kind and capacity of the tank (in gallons) of the vehicles and other equipment to be used for such purposes.
4. Each application/renewal shall be accompanied by the deposit of a non-refundable one hundred dollar ($100.00) license/registration fee payable only by check. Checks should be made payable to “Water Pollution Control Authority for the City of Norwalk”.

5. All commercially operated vehicles licensed/registered under the provisions of Chapter 92 of the code shall have the following information prominently and permanently displayed on both doors of the vehicle and the lettering shall be no less than four (4) inches in height:

   Name of Company
   Address
   Telephone Number
   Tare Weight

D. New/Renewal License/Registration Inspection:

   Each truck must be inspected and an application filled out by a Sanitarian from the Norwalk Health Department prior to license/registration approval. If approved by the Sanitarian, the Director of Public Works or his agent shall issue to each applicant, one (1) septage disposal permit identification tag/sticker for each vehicle. Each vehicle shall thereafter display such marker as long as the license/registration is in force.

E. The Commercial-Vehicle license/registration fee shall be one hundred dollars ($100.00) for each vehicle per year. The license/registration fee schedule is not pro-rated for partial year.

F. Each applicant is required to have a Surety Bond in an amount equivalent to 60 days disposal as discussed in Section III, Part E of these Rules and Regulations.

G. Other Requirements, Rules and Information:

1. **Registration** The septage disposal permit identification tag/sticker must be affixed to the vehicle prior to disposing liquid septic tank/cesspool wastes. Commercially operated vehicles shall display the marker along the operator’s side of the vehicle easily seen by the Operator at the Septage Receiving Station.

2. Should the septage disposal permit identification tag/sticker become lost misplaced or mutilated, there will be a charge of twenty-five dollars ($25.00) for each replacement paid by the owner of the vehicle(s) to the Norwalk Water Pollution Control Authority WPCA.

3. The vehicle owner shall not transfer the septage disposal permit identification tag/sticker to any other similar type vehicle without first completing transfer forms and inspection as required of all vehicles used to dispose liquid septic tank or cesspool wastes.

4. Septage disposal permit identification tag/sticker will not be issued unless the motor vehicle(s) is registered with the Connecticut Department of Motor Vehicles and insured according to standard insurance practices.

5. Speed limit on City property is 10 mph, unless posted otherwise.

6. Any Norwalk Water Pollution Control Authority WPCA issued license/registration granted in accordance with these rules and regulations may be subject to revocation or suspension by the Director, Norwalk Water Pollution Control Authority WPCA, or Norwalk Health Department on the basis of failure to pay proper charges, use of unauthorized disposal sites, failure to meet sanitation standards, non-renewal of the hauler’s license/registration, discharging wastewater from a non-authorized source, or the discharging of any other
wastes that damage or interfere with the Norwalk Wastewater Treatment Plant or sludge management program.

III DISPOSAL FEES

A. Licensed/registered haulers disposing septic tank or cesspool liquid wastes at the Norwalk Septage Receiving Station shall be charged a fee based on volume per load at the following rate:

<table>
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<th>NORWALK/WILTON</th>
<th>EFFECTIVE DATE</th>
</tr>
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<tbody>
<tr>
<td>$100/1000 GAL.</td>
<td>SEPTEMBER 10, 2002</td>
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The fee per load shall be computed on the full rated capacity of the tank for each vehicle, regardless of the actual amount in the tank at the time of dumping. The volume in each case shall be rounded up to the next even 500 gallons for trucks with odd volume dimensions.

B. No wastes shall be accepted which is generated outside the municipal boundaries of the City of Norwalk or Town of Wilton, unless an agreement has been executed between the town of origin and the City of Norwalk WPCA for acceptance of such wastes.

C. Bills and Payments:

1. The Norwalk Water Pollution Control Authority WPCA shall invoice vehicle owners on a monthly basis.

2. Payment shall be made within thirty (30) days of the billing date.

3. Payments may be made in person during normal business hours or by mail at the location specified on the invoice for services provided.

D. Delinquent Bills:

1. Vehicle owners with unpaid balances beyond the invoice payment due date will be notified in writing from the Director of Public Works or his agent that their account will be frozen until full payment is received.

2. The vehicle owners account will be frozen five (5) days after the invoice payment due date and will not have access to the Septage Receiving Station until the balance and a one hundred dollar ($100.00) activation fee is paid.

E. Surety Bond:

1. Each applicant is required to have a Surety Bond in an amount equivalent to 60 days disposal, determined by the Norwalk Water Pollution Control Authority WPCA based on the applicant’s average gallons disposed of from the previous calendar year.

2. The applicant shall update the Surety Bond amount annually, effective July 1st of each year. The Norwalk Water Pollution Control Authority WPCA shall inform the applicant of the required Surety Bond amount by May 31st of each year.

3. A copy of the latest Surety Bond shall be sent to the Norwalk Water Pollution Control Authority WPCA at the following address:
Norwalk-Water-Pollution-Control-Authority
Water Pollution Control Authority for the
City of Norwalk
15 South Smith Street
Second Floor
Norwalk, CT 06855
Attention: Wastewater Systems Technician

IV PRIVATE VEHICLES

For pickup truck mounted campers, trailers, or other recreational vehicles not hauling for a fee, septage disposal permit identification tag/sticker will be required other than vehicle registration to indicate address for Norwalk or Wilton residents.

V RECORDS REQUIRED

A. Drivers of commercially operated vehicles registered with the Norwalk-Water-Pollution-Control-Authority WPCA to pump and transport liquid septage will be required to hand deliver to the duty operator attendant at the Septage Receiving Station a “Septage Disposal Record” to be obtained in blank form by vehicle’s firm or owners from the Norwalk-Water-Pollution-Control-Authority WPCA or duty operator attendant – which form shall contain the following information:

1. Name and address of owner or lessee of premises from which truck content has been pumped and hauled.

2. Town of origin

3. Amount of volume pumped from stated premises.

4. Date of pickup

5. Name of firm or owner of truck to be charged for disposal of truck contents.

6. Septage disposal permit identification tag/sticker number as registered with City the WPCA.

7. Name (in full) of driver of record pumping and hauling truck contents.

B. Those quantities not recorded by manifest will not be allowed to discharge into the Septage Receiving Station.

VI SEPTAGE RECEIVING STATION

A. Septic/cesspool liquid waste is ONLY to be disposed at the Septage Receiving Station unless notified by the plant operator to dispose at a different location. Any license/registration holder who is found dumping at any other location than the approved site without prior approval shall have his license/registration revoked or suspended.

B. Haulers must follow the Standard Operating Procedure (SOP) provided at the Septage Receiving Station which includes raking the bar rack and disposing of the screenings in a container provided by the plant operator. The hauler is responsible for adequate care and cleanliness of all equipment and facility grounds when onsite. Failure by the license/registration holder to rake the bar rack,
maintain facility cleanliness, or protect any equipment will be considered as grounds for license/registration revocation or suspension.

C. Drivers of registered vehicles are required to bring and use their own hose to discharge into the Septage Receiving Station. Failure by the license/registration holder to use a suitable discharge hose will be considered as grounds for license revocation or suspension.

D. ONLY one vehicle is allowed in the Septage Receiving Station bermed area at any given time.

E. The driver of any licensed/registered septage transport vehicle is responsible for any spills from his vehicle. The driver shall clean up and notify plant personnel of any spills immediately.

F. The driver of any licensed/registered septage transport vehicle is responsible for any direct damage that may have occurred to the Septage Receiving Station or plant facility while his vehicle is onsite.

G. Onsite truck-to-truck transferring of septage is not permitted.

H. The Septage Receiving Station shall be under surveillance at all times.

I. No Fats, Oils, or Grease (FOG) of animal or vegetable origin in concentrations greater than 100 mg/l is permitted.

J. FOG from outdoor or indoor automatic grease recovery units is strictly prohibited.

K. Disorderly or offensive conduct, including but not limited to verbal abuse, hand gestures, threats or any other inappropriate, unprofessional behavior toward City of Norwalk employees or our contractors is prohibited. Any license/registration holder found to be disorderly or offensive shall have his license/registration revoked or suspended.

L. The Wastewater Treatment Plant has a Personal Protective Equipment (PPE) policy for all employees, contractors, subcontractors, septage haulers and visitors. The minimum PPE includes hard hats (must meet ANSI Z89.1-2003); safety glasses (must meet ANSI Z87.1); foot protection (must meet ANSI Z41.1); pants and shirts; work gloves (as needed) and hearing protection (as needed). Septic haulers are required to follow the PPE policy. Failure to comply will result in a written warning to the septage hauling company identifying the date, driver and truck ID. Continued abuse of the policy will result in more severe penalties; up to and including revocation of license/registration.

M. All septage haulers are required to implement odor reducing control measures (i.e. pump oil additive) on each truck discharging septage waste to the Septage Receiving Station. It is the responsibility of each hauler to procure, install, and maintain odor reducing control measures.

N. Any Norwalk Water Pollution Control Authority WPCA issued license/registration granted in accordance with these rules and regulations may be subject to revocation or suspension by the Director, Norwalk Water Pollution Control Authority, or Norwalk Health Department on the basis of failure to comply with these rules and regulations. Please refer to Chapter 92 (Section 92.8 – Revocation of License) of the Code of the City of Norwalk for detailed process of license/registration revocation or suspension.

O. The Septage Receiving Station shall be closed when the Norwalk Wastewater Treatment Plant reaches 30 million gallons per day (mgd) in accordance with the WPCA’s National Pollutant Discharge Elimination System (NPDES) permit. Signs will be posted at the WWTP and notification to each septage hauling company via telephone will be made.
VII VIOLATION

Any person violating any of the provisions of Chapter 91 (Section 91-4 – Waste Restrictions) or Chapter 92 of the Code of the City of Norwalk shall be deemed guilty of a violation and shall be fined an amount as established in accordance with provisions of Chapter 92 (Section 90-4 – Approval of Rates and Fees). Each day such violation is committed or permitted to continue shall constitute a separate offense and shall be punishable as such here under.
June 12, 2013

Mr. Nicolas E. Berkun
Junior Engineer
City of Norwalk WPCA
15 South Smith Street
Norwalk, CT 06855

Re: AvalonBay Communities
8 Norden Place
Norwalk, CT

Dear Mr. Berkun:

Tighe & Bond has conducted periodic site observations during the construction of the gravity sanitary sewer and force main installation on-site at 8 Norden Place and in the roadway of Norden Place and Strawberry Hill Road.

We witnessed the testing of the on-site sanitary sewer line on April 22 and May 10, 2013 and April 16, 2013 for the on-site force main.

We have witnessed the testing of the force main and gravity line in Norden Place and Strawberry Hill Avenue on June 4, 2013. All segments of the sanitary sewer gravity line, manholes and force main complied with the project testing requirements. The sanitary sewer systems were constructed in substantial conformance with the plans designed by and submitted by Tighe & Bond and approved by the City of Norwalk.

Very truly yours,

TIGHE & BOND, INC.

Alfred J. Mascia, Jr., P.E.
Project Manager

John W. Block, P.E., L.S.
Senior Vice President

Copy: Glen Moran, AvalonBay Communities
April 24, 2014

Richard P. Linnartz, P.E.
Principal Engineer
City of Norwalk
Department of Public Works
125 East Avenue
PO Box 5125
Norwalk, CT 06856 5125

RE: 8 Norden Place
Avalon Norden Place, LLC
DPW Permit: PWEN 1208-0023

This is to certify that the above referenced project has been constructed in accordance with the plans approved by the Department of Public Works, dated June 1, 2012 and entitled:

- Off-Site Utility Plan and Profile, Sheet C4.1,
- Traffic Control Signal Plans Sheets C7.1 and C7.2
- Traffic Details, Sheets C7.2 through C7.7,

and with the City of Norwalk Roadway Standards, Drainage Manual, Standard Details and Permit Provisions, where applicable and as updated.

The improvements within the city right of way of Norden Place and Strawberry Hill Avenue were constructed by Earthmovers, Inc. and Ny-Conn, Inc. for AvalonBay Communities, Inc., DBA Avalon Norden Place LLC in accordance with applicable codes and standards, including those of the City of Norwalk. We have reviewed the As-Built Drawing dated March 17, 2014, revised April 21, 2014, prepared by William W. Seymour & Associates, P.C., and find it to be in general compliance with the approved plans.

This certification is based on periodic visits to the project site as follows:

- Traffic Signal installation observation from 12/10/12 through 3/14/13 and final inspection on 6/21/13
- Sanitary Sewer Force Main and Gravity Sewer observation of force main and gravity from 4/16/13 through 6/4/13 and final inspection on 6/4/13

Very truly yours,
Tighe & Bond, Inc.

Alfred J. Maścica, Jr., P.E.
Project Manager

John W. Block, P.E.L.S.
Senior Vice President
WATER POLLUTION CONTROL AUTHORITY  
FOR THE CITY OF NORWALK  
SEWER CONNECTION FEES FOR INCREASED SYSTEM BURDEN

<table>
<thead>
<tr>
<th>APPLICANT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Property Owner/Name: C.P. IV Waypoint, AP I, LLC</td>
</tr>
<tr>
<td>Property Address: 515 West Avenue, Norwalk, CT 06850</td>
</tr>
<tr>
<td>Description of Property: Mixed Use Development (mid - block)</td>
</tr>
<tr>
<td>Telephone No.: 203 - 883 - 4752</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>WPCA USE</th>
</tr>
</thead>
<tbody>
<tr>
<td>District/Block/Lot (D-B-L): 1-11-2-0</td>
</tr>
<tr>
<td>DPW Permit No.:</td>
</tr>
<tr>
<td>Description of Property (Residential/Commercial/Mixed Use):</td>
</tr>
</tbody>
</table>

Connection Fee Calculation (Attach Water Meter Size and Project Plan Documentation):

<table>
<thead>
<tr>
<th>Water Meter Size</th>
<th>No. of Water Meter(s)</th>
<th>Sewer Connection Fee</th>
<th>Calculated Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>5/8 inch</td>
<td></td>
<td>$3,260</td>
<td></td>
</tr>
<tr>
<td>3/4 inch</td>
<td></td>
<td>$4,890</td>
<td></td>
</tr>
<tr>
<td>1 inch</td>
<td></td>
<td>$8,150</td>
<td></td>
</tr>
<tr>
<td>1-1/2 inch</td>
<td></td>
<td>$16,300</td>
<td></td>
</tr>
<tr>
<td>2 inch</td>
<td></td>
<td>$26,080</td>
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</tr>
<tr>
<td>3 inch</td>
<td></td>
<td>$52,160</td>
<td></td>
</tr>
<tr>
<td>4 inch</td>
<td></td>
<td>$81,500</td>
<td></td>
</tr>
<tr>
<td>6 inch</td>
<td>1</td>
<td>$163,000</td>
<td>$163,000</td>
</tr>
<tr>
<td>8 inch</td>
<td></td>
<td>$260,800</td>
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</tr>
<tr>
<td>10 inch</td>
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<td>$374,900</td>
<td></td>
</tr>
<tr>
<td>12 inch</td>
<td></td>
<td>$700,900</td>
<td></td>
</tr>
</tbody>
</table>

| Fire Service Adjustment: |
| Other Adjustments (attach additional justification sheets): ( $65,200 ) |

Total Sewer Connection Fee: $97,800

Signature Requirements:

Approved By: ___________________________ Date: ___________________________
Code Enforcement

Approved By: ___________________________ Date: ___________________________
Department of Public Works

Approved By: ___________________________ Date: 5/28/2014
WPCA for the City of Norwalk

Payment Information: Check # 1291 (for mid 3 North Block)

Please make checks payable to “WPCA for the City of Norwalk”

Form Date: June 24, 2008
<table>
<thead>
<tr>
<th>Location</th>
<th>PARCEL ID</th>
<th>Meter Size</th>
<th>Credit</th>
<th>Sewer Disconnect Date</th>
<th>Demo Permit No.</th>
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<tbody>
<tr>
<td>2 MERWIN ST</td>
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<td>5/8</td>
<td></td>
<td></td>
<td></td>
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<td>4 MERWIN ST</td>
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<td>1-21-40-0</td>
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<tr>
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<td>3/4</td>
<td>$ 4,890</td>
<td>2/1/2012</td>
<td>D12-0001</td>
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<td>5/8</td>
<td>$ 3,260</td>
<td></td>
<td></td>
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<tr>
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<td>1-21-35-0</td>
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<td>2/1/2012</td>
<td>D12-0004</td>
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<td>2/1/2012</td>
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<td>5/8</td>
<td>$ 3,260</td>
<td>12/21/2011</td>
<td>D11-0027</td>
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<tr>
<td>15 ORCHARD ST</td>
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<td>water meter is still active</td>
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<td></td>
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<tr>
<td>19 ORCHARD ST</td>
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<td>12/4/2011</td>
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<td>2/1/2012</td>
<td>D11-0033</td>
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<td>23 ORCHARD ST</td>
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<td>2/1/2012</td>
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<tr>
<td>25 ORCHARD ST</td>
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<td>2/1/2012</td>
<td>D12-0005</td>
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<tr>
<td>27 ORCHARD ST</td>
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<tr>
<td>500 WEST AVE</td>
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<tr>
<td>501 WEST AVE</td>
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<td>$ 3,260</td>
<td>7/10/2012</td>
<td>D12-0010</td>
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<tr>
<td>509 WEST AVE</td>
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<td>7/10/2012</td>
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<tr>
<td>515 WEST AVE Goodwill</td>
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<tr>
<td>523 WEST AVE front</td>
<td>1-21-32-0</td>
<td>5/8</td>
<td>$ 3,260</td>
<td>2/1/2012</td>
<td>D11-0031/0034</td>
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<tr>
<td>523 WEST AVE rear</td>
<td>1-21-42-0</td>
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<td></td>
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<tr>
<td>525 WEST AVE rear</td>
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<tr>
<td><strong>Total Credits:</strong></td>
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<td></td>
<td><strong>$ 65,200</strong></td>
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WATER POLLUTION CONTROL AUTHORITY
FOR THE CITY OF NORWALK

SEWER CONNECTION FEES FOR INCREASED SYSTEM BURDEN

<table>
<thead>
<tr>
<th>APPLICANT</th>
<th>Property Owner/Name:</th>
<th>CD IV Waypoint BP 1, LLC</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Property Address:</td>
<td>11 Merwin Street, Norwalk, CT 06850</td>
</tr>
<tr>
<td></td>
<td>Description of Property:</td>
<td>Mixed Use Development (North Block)</td>
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<td></td>
<td>Telephone No.:</td>
<td>203-883-4757</td>
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<table>
<thead>
<tr>
<th>WPCA USE</th>
<th>District/Block/Lot (D-B-L):</th>
<th>Existing Sewer District:</th>
<th>New Units (0):</th>
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<tbody>
<tr>
<td></td>
<td>1-24-IC-0</td>
<td>1</td>
<td>See Attached</td>
</tr>
<tr>
<td></td>
<td>DPW Permit No.:</td>
<td>Date Connected to Sewer:</td>
<td>Exist. Units (0):</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Description of Property (Residential/Commercial/Mixed Use):</td>
<td>Total Units (0):</td>
<td></td>
</tr>
<tr>
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</tr>
<tr>
<td>12 inch</td>
<td></td>
<td>$700,900</td>
<td></td>
</tr>
</tbody>
</table>

Fire Service Adjustment: ( )

Other Adjustments (attach additional justification sheets): ($3,260 )

Total Sewer Connection Fee: $78,240

Signature Requirements:

Approved By: ___________________________________________ Date: ____________________
Code Enforcement

Approved By: ___________________________________________ Date: ____________________
Department of Public Works

Approved By: ___________________________________________ Date: 5/28/2014
WPCA for the City of Norwalk

Payment Information: # 95129 9176040 (for unit B North Block)

Please make checks payable to “WPCA for the City of Norwalk”

Form Date: June 24, 2008
RECEIPT
DATE 5/1/14

ACCOUNT #291

PAY TO THE ORDER OF:

ONE HUNDRED SEVENTY SIX THOUSAND AND FORTY DOLLARS

Belpointe Development I, LLC
407 West Center Street
Norwalk, CT 06850

FOR:

Bank of America
Account #: 385015866178

Mayflower Mid-North Block 5 - Construction Fees

Signature: [Signature]

Two Signatures Required
### FOR 2014 99

<table>
<thead>
<tr>
<th>O40 PUBLIC WORKS</th>
<th>22 WATER POLLUTION CONTROL</th>
</tr>
</thead>
</table>

#### 224062 WATER POLLUTION CONTROL

| 224062 5110 | WAGES & SALARY-REGULAR | 332,349 | 0 | 332,349 | 277,236.75 | .00 | 55,112.25 | 83.4% |
| 224062 5120 | WAGES & SALARY-OVERTIM | 1,500 | 0 | 1,500 | 2,337.65 | .00 | -837.65 | 155.8% |
| 224062 5140 | WAGES & SALARY-PART TI | 0 | 0 | 0 | 6,803.17 | .00 | -6,803.17 | 100.0% |
| 224062 5150 | LONGEVITY | 0 | 0 | 0 | 900.00 | .00 | -900.00 | 100.0% |
| 224062 5235 | MEMBERSHIPS & DUES | 10,000 | 0 | 10,000 | 9,261.00 | .00 | 719.00 | 92.8% |
| 224062 5241 | ELECTRIC | 1,487,160 | 0 | 1,487,160 | 1,178,733.22 | .00 | 308,426.78 | 79.3% |
| 224062 5245 | TELEPHONE | 24,000 | 0 | 24,000 | 14,979.80 | .00 | 9,020.20 | 62.4% |
| 224062 5252 | LEGAL SERVICES | 30,000 | 0 | 30,000 | 45,982.20 | .00 | -15,982.20 | 153.3% |
| 224062 5258 | OMI AGREEMENT | 5,388,613 | 0 | 5,388,613 | 4,162,548.39 | .00 | 945,145.80 | 94.8% |
| 224062 5286 | BUSINESS EXPENSE | 20,000 | 0 | 20,000 | 17,521.56 | .00 | 2,478.44 | 87.6% |
| 224062 5295 | SEMINAR&CONFERENCE FEE | 4,500 | 0 | 4,500 | 4,499.37 | .00 | .63 | 100.0% |
| 224062 5298 | OTHER CONTRACTUAL SERV | 225,000 | 0 | 225,000 | 56,228.56 | .00 | 56,904.50 | 111,866.94 | 50.3% |
| 224062 5323 | FOOD | 0 | 0 | 0 | 165.00 | .00 | -165.00 | 100.0% |
| 224062 5418 | INSURANCE | 116,066 | 0 | 116,066 | 106,984.00 | .00 | 9,082.00 | 92.2% |
| 224062 5428 | EMPLOYEE BENEFITS | 172,642 | 0 | 172,642 | 153,056.00 | .00 | 19,586.00 | 88.7% |
| 224062 5429 | EMPLOYEE BENEFIT NON W | 0 | 0 | 0 | 87,412.00 | .00 | -87,412.00 | 100.0% |
| 224062 5521 | DEBT SERVICE PRINCIPAL | 6,971,984 | 0 | 6,971,984 | 6,279,066.65 | .00 | 692,917.35 | 90.1% |
| 224062 5522 | DEBT SERVICE INTEREST | 0 | 0 | 0 | 351,700.00 | .00 | -351,700.00 | 100.0% |
| 224062 5651 | REIMBURSE G/P FOR PAYR | 288,632 | 0 | 288,632 | 205,600.00 | .00 | 83,032.00 | 71.2% |
| 224062 5652 | REIMBURSE G/P FOR NON | 0 | 0 | 0 | 16,743.00 | .00 | -16,743.00 | 100.0% |
| 224062 5741 | IT HARDWARE | 20,000 | 0 | 20,000 | 1,850.00 | .00 | 18,150.00 | 9.3% |
| 224062 5777 | WPCA CAPITAL CONSTRUCT | 0 | 0 | 0 | 253,434.59 | .00 | -253,434.59 | 100.0% |
| 224062 5795 | STORM SANDY | 850,000 | -69,820 | 780,180 | 58,550.86 | .00 | 780,180.08 | 0.0% |

**TOTAL WATER POLLUTION CONTROL 15,942,446 0 15,942,446 13,291,615.77 1,002,050.30 1,648,779.93 89.7%**

**TOTAL PUBLIC WORKS 15,942,446 0 15,942,446 13,291,615.77 1,002,050.30 1,648,779.93 89.7%**

**TOTAL WATER POLLUTION CONTROL 15,942,446 0 15,942,446 13,291,615.77 1,002,050.30 1,648,779.93 89.7%**

**TOTAL EXPENSES 15,942,446 0 15,942,446 13,291,615.77 1,002,050.30 1,648,779.93**

**GRAND TOTAL 15,942,446 0 15,942,446 13,291,615.77 1,002,050.30 1,648,779.93 89.7%**

**END OF REPORT - Generated by Dilene Byrd**
**FOR 2014 99**

<table>
<thead>
<tr>
<th>ACCOUNTS FOR:</th>
<th>ORIGINAL APPROP</th>
<th>TRANSFS/ADJUSTMENTS</th>
<th>REVISED BUDGET</th>
<th>YTD EXPENDED</th>
<th>ENCUMBRANCES</th>
<th>AVAILABLE BUDGET</th>
<th>PCT USED</th>
</tr>
</thead>
<tbody>
<tr>
<td>22 WATER POLLUTION CONTROL</td>
<td></td>
<td></td>
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<tr>
<td>224062 WATER POLLUTION CONTROL</td>
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</table>

**TOTAL WATER POLLUTION CONTROL**
-14,273,749

**TOTAL PUBLIC WORKS**
-14,273,749

**TOTAL WATER POLLUTION CONTROL**
-14,273,749

**TOTAL REVENUES**
-14,273,749
Norwalk WPCA
Sammis Street Pump Station
Ann Street Siphon Controls
Flood Damage Upgrade
Project WPCA 2013-1

EXECUTIVE SUMMARY
June 2014

PREPARED BY:
Nicholas E. Berkun
Junior Engineer

Distribution:
Lisa Burns, PE
Ralph Kolb, PE
WPCA File
Construction Progress

- Ann Street Siphon
  - RTU and control panel location selected
  - Submittal and schedule from Delray under review
    - RTU and Control panel design review completed by Wright-Pierce
- Sammis Street Pump Station
  - Site maintenance
    - Construction and silt fences in place
    - Protection of crab apple and birch trees
  - Construction Progress
    - Excavation around existing concrete structure completed
    - Forms and form liners installed, inspected, and approved by Building Dept.
    - Concrete pour scheduled for Thursday

Project Administration

- Sammis Street Pump Station
  - Submittals and RFIs – more notable changes to the original scope of work include:
    - Generator to be mounted to the top of the pump station slab, without additional equipment pad
    - Stone liners in forms
    - New drywell hatch to be cast in concrete
    - Bypass pumping to be installed inside pump station
      - Minimize disturbance to foot path
      - Cost savings of approximately $31,000.00
  - Change Orders
    - CO 1 to include bid alternate A & B accepted
    - CO 2 combined and sent Delray's CO #2 and #3 for signature
      - Switch from Cummings to Kohler Generators
      - New hatch at Sammis instead of re-using old one, revised transformer pad location and other utility work changes
Flood Damage Upgrade Project WPCA 2013-1

Photographs:
Flood Damage Upgrade Project WPCA 2013-1

Photographs:
Flood Damage Upgrade Project WPCA 2013-1

Photographs:
1 Plant Activities

A Maintenance

Major Items Completed
Replaced bearings on BFP incline screw #1. Installed influent pump #3. Replaced light fixtures at chlorine contact tanks. Replaced solenoid on grit washer #3. Installed Imler’s #1 & #2. Replaced #1 Macerator. Replaced valve on hypo storm feed.

<table>
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<tr>
<th>Work orders</th>
<th>This Month</th>
<th>Last Month</th>
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<tbody>
<tr>
<td># of WOs completed</td>
<td>300</td>
<td>287</td>
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<tr>
<td>Ending WO backlog</td>
<td>279</td>
<td>219</td>
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B Violations

Permit Monthly
Excursion - Reason
None

Performance Guarantee
None

C Training

Safety Tailgates
Handout. Working outdoors in hot weather #3044 W/Quiz.
Hot Tips for Working in the Heat Handout.
Safety Stand Down for Injuries

Other
Power Disconnect AHA. Hypo Valve Replacement AHA.
Shady Beach Valve Replacement AHA.

2 Collection Systems

A Pump Stations

MRR Repairs/Upgrades
Arcadis completed Pump Station Inspection
Replaced Discharge Valves on Pumps at Shady Beach PS.
Replaced pump 32 @ Keeler Brook PS.

B Collection System

Spill / Overflow Reports
5/12 #5 Rustic La.20gal. 5/3 Trolley Way PS 1500 gal.
5/1 #56 Beacon St.9000gal. 5/1 Bell Is. PS 1350 gal.
5/1 Keeler Brook PS 200 gal. 5/1 Five Mile PS 1000 gal.

MRR Repairs/Upgrades
Penna made repairs @loundsbury Rd.& Jennie Jenks Rd.
CCTV Miles Cleaning Miles

| CY06, 6/1/05-5/31/06 | 9.83 | 45.93 |
| CY07, 6/1/06-5/31/07 | 9.79 | 45.76 |
| CY08, 6/1/07-5/31/08 | 9.79 | 38.71 |
| CY09, 6/1/08-5/31/09 | 51.97 | 45.23 |
| CY10, 6/1/09-6/30/10 | 5.97 | 38.36 |
| CY 11, 7/1/10-6/30/11 | 3.33 | 38.29 |
| CY 12, 7/1/11-6/30/12 | 5.52 | 85.50 |
| CY 13, 7/1/12-6/30/13 | 13.96 | 108.74 |
| Last Month | 0.90 | 7.40 |
| This Month | 0.02 | 5.20 |
3 Personnel

A Number of Associates / Wastewater Operator Certifications

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<th>Total Personnel</th>
<th>Operations</th>
<th>Maintenance</th>
<th>Collection Systems</th>
<th>Administration</th>
<th>Turnover</th>
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<th>Class II</th>
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B Changes

None

4 Safety

OSHA Recordable Incidents
Lost Time Incidents

None

None

5 Total Nitrogen Performance

Avg. Influent Wastewater Temp. (°C) 16
Avg. BOD Loading (lbs/day) 15,328
Actual TN Performance (lbs/day) 958
Lookup Value (lbs/day) 979
Actual minus Lookup (lbs/day) -21
TN Performance Band EOR
Uncontrollable Circumstances

Operational Review Findings
2 IMLPS off line for servicing.

SOP Status
Winter Operations Mode

Summary of Findings
Inventory at targets.

Description of Ranges/Bands

Expected Operating Range

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

Stcrm Flow Events
May 1 & May 2
1. Plant Operations
   A. Major Parameters

   - Monthly average BOD (mg/l)
   - Monthly average TSS (mg/l)
   - Monthly average Fecal (fl/100 ml)
   - Monthly average TN (lbs/day)
   - 12-month Rolling average TN (lbs/day)
   - Monthly average Flow MGD