

TOWNSHIP OF OCEAN SEWERAGE AUTHORITY REGULAR MEETING

Oakhurst, NJ

June 5, 2014

A Work Meeting and Agenda Conference for the Township of Ocean Sewerage Authority for the month of June 2014 was held at the Authority Administration Building, 224 Roosevelt Avenue, Oakhurst, New Jersey on the above date at 6:30 p.m.

Present: Bernhardt, Galvin, Theodora, Villapiano
Absent: Stubbs
Others: Attorney John Bonello, Engineer Timothy Shea,
Executive Director Bill Schmeling, Superintendent Tom Meholic

Chairman Galvin called the meeting to order.

All recited *The Pledge of Allegiance*.

WORK SESSION

Director's Report. Mr. Schmeling reported that he met with a professor from Monmouth University and she advised that she has four groups in her class who have been working on the Asset Management Plan. Mr. Schmeling will meet with TOSA staff members next week to review the proposed plans and determine which plan would be best for use by the Authority.

He provided information about the energy generation services, noting that there is a resolution on the agenda to authorize the purchase of these services.

There was discussion about the location of force mains. Mr. Meholic advised that there are drawings, many of which are old. He feels it would be a good idea to locate and map the force mains. Mr. Galvin said that the size, material and length of the force mains should be included. Mr. Shea noted that GPR (Ground Penetrating Radar) or an electromagnetic system are two methods that could be utilized for this purpose. Attorney Bonello suggested that the Executive Director be authorized to seek a proposal for mapping the force mains.

There was discussion about odor control. Mr. Meholic noted that oxidizer and deodorizer chemicals could be used with the unit that we have. Lime could also be added periodically. Chairman Galvin said that TOSA must be a good neighbor year round. To accomplish this we need to identify the odors and come up with good solutions to control them.

Members discussed sending TOSA representatives to the WEFTEC convention in October. Members agreed that this convention is a very worthwhile learning experience. The Executive Director put together a list of the costs involved to send a representative to the convention and there was discussion as to how the representative(s) would be chosen. Mr. Galvin asked that a resolution be prepared for the next meeting relative to selecting TOSA personnel to attend WEFTEC.

Mr. Schmeling had one communication requesting a service availability letter for 83 senior units behind the Oakhurst post office on West Park Avenue.

Attorney's Report. Mr. Bonello had nothing new to add.

Engineers Report. Mr. Shea said that the Executive Director provided the Capital Improvement Plan to the engineers with the request that T&M bring it up to date. The engineers will work on that and report in July.

BUSINESS SESSION

The Executive Director provided a review of the Resolutions.

The members did not have sufficient time to review the minutes of the May 6, 2014 meeting. Therefore, approval of the minutes was carried until the next meeting.

The Plant Operator's Report for the month of June 2014 was received, a copy of which follows.

Mr. Villapiano made a motion to approve the Operator's Report. The motion was seconded by Mr. Theodora and unanimously carried.

June 5, 2014 Work/Agenda Meeting
THE TOWNSHIP OF OCEAN SEWERAGE AUTHORITY
May 2014 Operator's Report

The May 2014 report shows the treatment plant and collection systems O.K. with some repairs to report.

The average daily flow to date was 6.023 MGD. The highest daily flow was 11.215 MGD on May 1st. The total precipitation to date was 3.71 inches to date for the month; the largest precipitation was 1.11 inches on May 16th. The monthly average effluent suspended solids concentrations, to date, 9 mg/l and for CBOD, the concentration was 6 mg/l. The average percentage removals for these same effluent parameters were 94% and 93% respectively.

Our present NJPDES Permit has a suspended solids monthly average limitation of 30 mg/l and 25 mg/l for CBOD. For percent removals, it requires 85% removals on a monthly average basis for suspended solids and for CBOD. For plant flow, we are permitted 7.5 MGD average daily flow on a 30-day average quantity basis.

PLANT OPERATIONS AND MAINTENANCE

The treatment plant is operating OK with some maintenance to report.

A meeting was held with Mr. Dennis Galvin and TOSA personnel for temporary improvement measures to be taken for the ventilation of the Main Pump Bldg.

We received a cost estimate for stainless steel sheet metal ductwork riser or extension with an exhaust fan from Franklin Sheet Metal Co. It will be installed by them. Pilot Electric will supply the explosion proof fan. All of this will be installed in the location of the original carbon scrubber unit. Bruce Olsen worked on troubleshooting a blower for the VFD room, which was removed for repair.

As per T and M Engineers request, we have begun continual monitoring the wet well area for hydrogen sulfide. Also there have been spot checks, showing zero readings thus far. We will download this first location's data when Ken Williamson returns from vacation. We have taken instantaneous readings throughout the building and have found the same result.

Bruce Olsen has been troubleshooting some bar screen alarms and we had to get Spectraserv in for alignment work and new hardware and retaining pins for the climber screen shaft. This is the main mechanism of the bar screen unit. Without proper alignment, the screening material can't be removed from the influent flow. This would cause downstream O/M problems throughout the plant.

Glen Henry has been monitoring the UNOX cooling tower and air compressor operation. Everything is AOK and no further overheating problems so far. We should be in good shape for the summer.

The Gravity Thickener Upgrade Project is almost complete. All structural and mechanical work is finished. The manufacturer has had a representative onsite for wet testing of the tank and collector unit. All weir elevations were taken and adjusted accordingly. He also provided start-up training for TOSA operators and mechanics. He will return next week, when we will refill the tank with sludge and dilution water and restart the tank operation.

COLLECTION SYSTEM OPERATION AND MAINTENANCE

The collection system had the following work to report:

At Interlaken Pumps Station, force main location work still remains to be completed. All other Bridge O-11 work remains the same. Bruce Olsen repaired a short in the dry well lighting at the station.

TOSA personnel performed all routine operation and maintenance work: exercising all emergency generators, cleaning all wet wells and dry wells, receiving Bioxide deliveries and checking on the feed system's operation.

At Wickapecko PS, Bruce Olsen replaced pump controls' transducer. At Asbury Ave. PS Glen Henry responded to a high wet well alarm and repaired a broken seal water line on pump No.1.

We responded to the following service calls this past month. Mark Wozczak Mechanical Contractors replaced a lateral at 1312 Garvin Ave. At 31 Barbara La., and 262 S. Lincoln Dr. we checked the mains and laterals and advised the homeowners that in each case it was the homeowners' responsibility and to contact their plumbers.

We responded to an emergency stoppage at a manhole on State Highway 35 South, at the Main St. Restaurant near the highway crossing to Logan Rd. We used the Jet and Vacuum Truck to perform the emergency cleaning work. We had Williamson, DiOrio, D'Esposito and Olsen at the site. This location is under study with our collection system upgrade projects, due to the severe switchback configuration of the highway sewer crossing over to Logan Road.

Routine sewer line maintenance for the month was performed at the following locations:

We jetted the line at Ring Rd. from Costco Warehouse Store to 600 ft. east of the Cedar Village crossing at State Highway Rte. 18. We also performed sewer-cleaning maintenance on the Willow Dr. easement to Raleigh Ct. and West Park Ave. and on Raymere Ave. from Lake Dr. to Logan Rd. We also cleaned Wickapecko from Sunset to Grassmere Aves.

We assisted the Township of Ocean's DPW with vacuuming the ejector pump pits at the township pool and recreation center. We also assisted them with the storm sewers TV inspection at Sandy La. to Golf Rd. and Forest Ave. and Runyon Ave. to Golf Rd. and Forest Ave.

Regulatory Affairs:

We had the NJDEP Coastal Monitoring Group's first plant inspection and lab data review for the summer season. Everything was AOK, with nothing to report. Gregory Schussler the NJDEP Compliance and Enforcement Officer did ask if there was anything new to report on the outfall repair. His last ocean outfall aerial flyover inspection (app. May 20th) did not show any turbulence of bottom sediment or any disturbance whatsoever.

Staff Training:

Bruce Olsen, Jennifer Crumley and I attended the NJWEA Annual Conference. Olsen attended workshops on electrical safety and post Hurricane Sandy case histories review.

Crumley and I attended a Laboratory Review Workshop and Laboratory Committee meeting afterward. This was excellent opportunity for Jennifer to meet and network with other lab personnel from elsewhere in New Jersey and some of the NJDEP Personnel.

I also attended a Biosolids Workshop reviewing disposal methods and post Hurricane Sandy Issues and Future Planning. I also met with Evoqua (Siemens) Water Technologies representatives to discuss TOSA's Bioxide and VX456 odor control systems.

Respectfully submitted,

Thomas G. Meholic, Superintendent
5/30/14

Resolution

Mr. Bernhardt offered the following Resolution and moved its adoption. Mr. Theodora seconded the motion.

RESOLUTION 14 – 51 BILL LIST

BE IT RESOLVED by the Township of Ocean Sewerage Authority, in the County of Monmouth, New Jersey (not less than three (3) members affirmatively concurring) as follows:

1. All bills or claims as reviewed and approved by the Executive Director and as set forth in this Resolution are hereby approved for payment.

2. The authorized signers of checks are hereby authorized and directed to sign checks in the payment of bills and claims, which are hereby approved.

The computer printout of the list of bills will be on file in the Purchasing Agent’s Office.

CURRENT FUND	\$ 187,056.22
REVIEW and INSPECTION	0.00
EIT and CONSTRUCTION	2,065.84
RENEW and REPLACEMENT	0.00
TOTAL BILLS PAYABLE	\$ 189,122.06

Roll Call: Bernhardt, Galvin, Theodora, Villapiano
 Yes Yes Yes Yes

Resolution

Mr. Villapiano offered the following Resolution and moved its adoption. Mr. Bernhardt seconded the motion.

14 - 52
AUTHORIZING AWARD OF CONTRACT FOR THE PUMP STATION COMMUNICATIONS PROJECT TO ELECTRO MAINTENANCE, INC. IN THE AMOUNT OF \$294,610.00

WHEREAS, the Township of Ocean Sewerage Authority advertised for the receipt of bids for the Pump Station Communications Project on April 16, 2014 in the Asbury Park Press and the Star Ledger; and

WHEREAS, bids were received, opened and announced by the Authority at its offices on May 21, 2014; and

WHEREAS, bids were received from Electro Maintenance, Inc.; Optimum Controls Corporation; and Allied Construction Group, Inc. in the amounts of \$294,610, \$354,294 and \$430,000, respectively; and

WHEREAS, in accordance with law, the Authority intends to award a contract to the lowest responsible bidder meeting the bids specifications for the term that is most advantageous to the Authority; and

WHEREAS, the Authority’s Executive Director has certified that funds are available for this contract from its 2011 bond financing.

NOW, THEREFORE, BE IT RESOLVED that the Township of Ocean Sewerage Authority hereby award a contract to Electro Maintenance, Inc. in the amount of \$294,610.00 for the Pump Station Communications Project; and

BE IT FURTHER RESOLVED that the Chairman and Secretary are hereby authorized and directed to execute the contract for the award on behalf of the Authority.

Roll Call: Bernhardt, Galvin, Theodora, Villapiano
 Yes Yes Yes Yes

Resolution

Mr. Villapiano offered the following Resolution and moved its adoption. Mr. Theodora seconded the motion.

14 – 53
AUTHORIZING REIMBURSEMENT TO THE TOWNSHIP OF OCEAN CONSTRUCTION DEPARTMENT IN THE AMOUNT OF \$238.00

WHEREAS, on or about December 13, 2012 AJ Perri delivered a check in the amount of \$238 to the Township of Ocean for a construction permit for property located at 1708 Holbrook Street; and

WHEREAS, the check was inadvertently credited to sewer account number 4926-0 for 1708 Holbrook Street.

NOW, THEREFORE, BE IT RESOLVED that the Township of Ocean Sewerage Authority hereby authorizes reimbursement to the Township of Ocean Construction Department in the amount of \$238.00.

Roll Call: Bernhardt, Galvin, Theodora, Villapiano
Yes Yes Yes Yes

Resolution

Mr. Theodora offered the following Resolution and moved its adoption. Mr. Bernhardt seconded the motion.

14 - 54

AUTHORIZING THE SALE OF SURPLUS PERSONAL PROPERTY NO LONGER NEEDED FOR PUBLIC USE ON AN ONLINE AUCTION WEBSITE

WHEREAS, the Township of Ocean Sewerage Authority has determined that the property described on the Schedule A attached hereto and incorporated herein is no longer needed for public use; and

WHEREAS, the Local Unit Technology Pilot Program and Study Act (P.L. 2001, c.30) authorizes the sale of surplus personal property no longer needed for public use through the use of an online auction service; and

WHEREAS, the Township of Ocean Sewerage Authority intends to utilize the online auction services of GovDeals located at www.govdeals.com; and

WHEREAS, the sales are being conducted pursuant to the Division of Local Government Services' Local Finance Notice 2008 - 9.

NOW, THEREFORE, BE IT RESOLVED by the Township of Ocean Sewerage Authority that the Authority is hereby authorized to sell the surplus personal property as indicated on Schedule A on an online auction website entitled www.govdeals.com; and

BE IT FURTHER RESOLVED that the terms and conditions of the agreement entered into between GovDeals and the Township of Ocean Sewerage Authority are available at www.govdeals.com and in the Authority's administrative offices.

Roll Call: Bernhardt, Galvin, Theodora, Villapiano
Yes Yes Yes Yes

Members decided to table Resolution 14-55 until such time as additional information regarding this resolution is obtained.

Resolution

Mr. Bernhardt offered the following Resolution and moved its adoption. Mr. Theodora seconded the motion.

14 - 56

AUTHORIZING THE PURCHASE OF ENERGY GENERATION SERVICES FOR PUBLIC USE ON AN ONLINE AUCTION WEBSITE

WHEREAS, the Local Unit Technology Pilot Program and Study Act (P.L.2001, c.30) (the "Act") authorizes the purchase of energy generation service for public use through the use of online auction service; and

WHEREAS, the Township of Ocean Sewerage Authority previously conducted an online reverse auction for energy generation services in 2012, which contract expires on October 31, 2014; and

WHEREAS, the Township of Ocean Sewerage Authority is desirous of conducting an online reverse auction for energy generation services in June 2014; and

WHEREAS, the Township of Ocean Sewerage Authority elects to utilize the online auction services of T&M Associates, an approved vendor pursuant to the Act located at <https://cuc.attivohub.com>.

NOW, THEREFORE, BE IT RESOLVED that the Township of Ocean Sewerage Authority hereby authorizes the conduct of an online reverse auction for energy generation services with T&M Associates during the month of July 2014; and

BE IT FURTHER RESOLVED that the Executive Director of the Township of Ocean Sewerage Authority is hereby authorized to execute on behalf of the Township of Ocean Sewerage Authority any electricity contract presented by the participating supplier submitting the successful bid in the T&M Associates online reverse auction for energy generation services.

Roll Call: Bernhardt, Galvin, Theodora, Villapiano
Yes Yes Yes Yes

Resolution

Mr. Villapiano offered the following Resolution and moved its adoption. Mr. Theodora seconded the motion.

14 – 57

AUTHORIZING T&M ASSOCIATES TO PREPARE DOCUMENTS FOR THE FABRICATION AND INSTALLATION OF THE OCEAN OUTFALL WYE

WHEREAS, the Township of Ocean Sewerage Authority has determined that the wye in its ocean outfall pipe is in need of replacement; and

WHEREAS, the Executive Director has certified that funds are available for this work.

NOW, THEREFORE, BE IT RESOLVED that the Township of Ocean Sewerage Authority authorizes T&M Associates to proceed with the preparation of documents for the fabrication and installation of the ocean outfall wye; and

BE IT FURTHER RESOLVED that the Chairman, Secretary and Executive Director are authorized to execute any and all documents necessary to effectuate this Resolution.

Roll Call: Bernhardt, Galvin, Theodora, Villapiano
Yes Yes Yes Yes

Resolution

Mr. Villapiano offered the following Resolution and moved its adoption. Mr. Theodora seconded the motion.

14 – 58

AUTHORIZING EXECUTIVE DIRECTOR TO PROCEED WITH OBTAINING ENGINEERING PROPOSALS TO ADDRESS ROSELD SITUATION

WHEREAS, the Township of Ocean Sewerage Authority has determined there are issues with the flow of sewage from Roseld Avenue across the Deal Golf Club, Deal Road and behind the municipal building; and

WHEREAS, the staff will do a review of the flow in manholes in the line to determine whether there are any blockages or other causes for the flow issue; and

WHEREAS, the staff review may lead to the need for engineering proposals to address the findings; and

WHEREAS, the Executive Director has certified that funds are available for this work.

NOW, THEREFORE, BE IT RESOLVED that the Township of Ocean Sewerage Authority authorizes the Executive Director to obtain engineering proposals to address the staff findings if in his opinion engineering services are required.

Roll Call: Bernhardt, Galvin, Theodora, Villapiano
 Yes Yes Yes Yes

There being no further business to come before the Authority, Mr. Villapiano moved that the meeting be adjourned. Mr. Theodora seconded the motion and all voted in favor of adjournment.

Respectfully submitted,

RALPH STUBBS, Secretary

