

**January 9, 2017**

Minutes of a meeting of the Secaucus Municipal Utilities Authority held on Monday, January 09, 2017 at 7:00 PM in Conference Room, 1100 Koelle Boulevard, Secaucus, New Jersey 07094

The meeting was called to Order at 7:00 PM  
Pledge of Allegiance/Salute to the Flag  
The Open Public Meetings Act was read.

Roll Call:	Fred Vogel	Chairman
	Jorge Cardenas	Treasurer
	George Schoenrock	Secretary

Mark Moloughney, Assistant Secretary 7:04pm

Also Present: William Katchen; John Napolitano; Glenn Beckmeyer; Pam Adamo, Stenographer

The Minutes of the December 5, 2016 meeting were approved on a motion made by F. Vogel, seconded by J. Cardenas. Approved by roll call vote; J. Cardenas: Aye; G. Schoenrock: Aye; F. Vogel, Aye. {3-0-0}.

At this point, the meeting was turned over to Authority Counsel, John Napolitano. Mr. Napolitano stated that the Public Hearing for Connection and User fees for 2017 had been duly advertised and called for a motion to open the Public Hearing for connection fees. Motion was made by F. Vogel; second by G. Schoenrock. Approved by Roll Call; J. Cardenas: Aye; G. Schoenrock: Aye; F. Vogel, Aye; M. Moloughney: Aye. {4-0-0}.

Counsel introduced Authority Accountant Mr. William Katchen who presented testimony regarding the calculation of fees. A call was made for any comment, there being none, a motion was made by G. Schoenrock; second by M. Moloughney to close this hearing. Approved by Roll Call M. Moloughney: Aye; J. Cardenas: Aye; G. Schoenrock: Aye; F. Vogel, Aye. {4-0-0}.

**SEE STENOGRAPHER'S OFFICIAL MINUTES**

The following resolutions regarding connection fees were moved on a motion by Vogel; second by Cardenas, and are as follows:

**RESOLUTION 2017-01**  
**Resolution Determining Connection Charges**  
**For Connections Made or to be Made in 2017**

WHEREAS, the Secaucus Municipal Utilities Authority (the "SMUA"), a public body corporate and politic and a political subdivision of the State of New Jersey existing under and by

virtue of the Municipal Utilities Authority’s Law, N.J.S.A.40:14B-1, et seq., is the owner and operator of sewage treatment facilities for the Town of Secaucus (the “Town”); and

WHEREAS, Chapters 118 and 526 of the New Jersey Laws of 1985, amending and supplementing the Municipal Utilities Authorities Law, and in particular N.J.S.A 40:14B-22 and 23 (hereinafter referred to as “Chapters 118 and 526”), sets forth a basis for computation of a charge for connection to a sewage treatment system so that said charges may represent a fair payment towards the cost of said system; and

WHEREAS, N.J.S.A. 40:14B-22 and 40:14B-23 provide that the imposition of user charges and/or connection charges by an authority shall be the subject of public notice and a public hearing; and

WHEREAS, a proper statutory notice given on December 18, 2016 under hand of Brian Bigler, Executive Director of the Secaucus Municipal Utilities Authority, pursuant to which notice the Secaucus Municipal Utilities Authority is holding the instant public hearing to consider relevant testimony to be presented and to be made a part of the record thereof; and

WHEREAS, the Secaucus Municipal Utilities Authority intends to utilize the Connection Fee Formula and the “Gallons per unit” Table used on previous years to determine a Connection Charge based on historical data from 1996 and earlier, said Formula and Table to be as set forth in and attached to this Resolution, in accordance with Chapter 526; and

WHEREAS, the Secaucus Municipal Utilities Authority desires to set the specific connection charge per Equivalent Residential Unit for connection made or to be made in the calendar year 2017.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COMMISSIONERS OF THE SECAUCUS MUNICIPAL UTILITIES AUTHORITY, as follows:

1. Subject to Secaucus Municipal Utilities Authority’s response to relevant testimony presented at the instant meeting, the connection charge per Equivalent Residential Unit (ERU) for connection to the sewage treatment system of the Secaucus Municipal Utilities Authority made and to be made during the calendar year 2016 is hereby set at \$9,820.00 per ERU.
2. The basis for computation of said charge is set forth on the attached Formula, “Gallons per Unit” table, related Calculation Sheet.
3. This Resolution shall take effect immediately.

ANNUAL CALCULATION OF CONNECTION CHARGE  
JANUARY 2015  
FOR CALENDER YEAR 2017

I.	<u>Property, Plant &amp; Equipment, Year End =</u>	59,066,966
A.	Prior Years’ Adjustments (-)	(5,347,251)
A.1	Current Year’s Adjustments (+) (-)	
B.	SMUA Direct Investment, if any (+)	
C.	Net Property Plant & Equipment	53,719,715

II.	<u>Construction Fund Balance, Year End =</u>	
D.	Prior Years' Adjustments (-)	
E.	Cumulative Const. Fund Interest (-)	
F.	Net Construction Fund	
III.	<u>Prior Years' Adjustments</u>	
G.	(Bond Discounts & Funds ) (+)	1,775,098
H.	Latest Year Bond Discounts & Funds (+)	
I.	Total Bond Discounts & Funds	
IV.	<u>Prior Years' Debt Issued = (-)</u>	(42,305,251)
J.	Latest Year's Debt Issued (-) 2013 NJEIT Loan	52,193
	2010\2013 NJEIT Loan funds due to be received (+)	
K.		(42,253,058)
K.	Total Debt Issued (-)	
V.	<u>Prior Years' Grants Received = (-)</u>	(9,804,904)
L.	Latest Year's Grants Received (-)	
M.	Total Grants Received (-)	(9,804,904)
>>>>	Total SMUA Net Investment<<<<	3,436,851
N.	(C+F+I-K-M)	
VI.	<u>Cumulative Debt Service</u>	
O.	Prior Cumulative Debt Service (+)	79,822,457
P.	Latest Year Debt Service Payments (+)	686,039
Q.	Total Cumulative Debt Service (+)	80,508,496
R.	Total Recoverable Costs (N+Q)	83,945,347
VII.	<u>Equivalent Residential Units</u>	
S.	Latest Year Average Flow (GPD)	2,564,300
T.	Divided by: Flow per ERU (GPD)	300
U.	Estimated ERU's (S/T)	8,548
VIII.	<u>Calculation of Connection Charge</u>	
V.	Total Recoverable Costs (R)	
W.	Connection Charge per ERU (R/U)	9,820

Mr. Katchen then gave a presentation on the proposed User Fee for 2017

**RESOLUTION 2017-02**  
**Resolution Determining User Charge Formula**  
**For Properties Exempt from ad valorem Taxes**  
**And User Charge to be in effect for 2017**  
**SECAUCUS MUNICIPAL UTILITIES AUTHORITY**  
**HUDSON COUNTY N.J.**

**WHEREAS**, the Secaucus Municipal Utilities Authority (the "SMUA"), a public body corporate and politic and a political subdivision of the State of New Jersey existing under and by virtue of the Municipal Utilities authorities Law, N.J.S.A. 40:14B-1, et seq., is the owner and operator of the wastewater treatment facilities for the Town of Secaucus (the "Town"); and

**WHEREAS**, pursuant to the Service Contract between the SMUA and the Town, dated as of March 1, 1979, as amended and supplemented (the “Service Contract”), the SMUA may charge and collect Service Charges for the connection to and use of said sewage treatment system, where required or pursuant to law, and the same, to the extent collected, shall be a credit against the Annual Service Charges otherwise payable by the Town to the SMUA under the Service Contract; and

**WHEREAS**, to pay the Annual service Charges to the SMUA required by the Service Contract, the Town has applied revenues from ad valorem taxes on property in the Town to said purposes; and

**WHEREAS**, Town officials have requested that the SMUA continue to refrain from assessing direct user charges for the use of its system, except with respect to properties exempt from ad valorem taxes, so that said properties shall bear a fair share of the cost of the use of said system, in accordance with applicable law and regulations; and

**WHEREAS**, applicable regulations of the United States Environmental Protection Agency require that, where user charges for sewage treatment system built in whole or in part with Federal funds are derived through imposition of ad valorem taxes, provision be made for imposing similarly calculated charges for the use of said system on properties exempt from such taxes; and

**WHEREAS**, N.J.S.A. 40:14B-22 and 40:14B-23 provide that the imposition of user charges or connection charges by an authority shall be the subject of public notice and a public hearing; and

**WHEREAS**, the SMUA desires to implement the statutory procedure for imposition of user charges to properties exempt from ad valorem property taxes, both as to implementation of a general formula and specifically for such use during 2017.

**NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COMMISSIONERS OF THE SECAUCUS MUNICIPAL UTILITIES AUTHORITY, as follows:**

1. There is hereby imposed a User Charge for the use of the sewage treatment system of the SMUA by any property which is exempt from ad valorem property taxes, in whole or in part, which User Charge shall be computed by drawing from the annual audited financial statements of the SMUA for the preceding year the total amount expended or set aside by the SMUA in said year for the following purposes, being the basis for computation of Annual Service Charges pursuant to the Service Contract:

“(a) operating, maintenance and administrative expenses of the Authority.

(b) Debt service requirements on ...any obligations of the Authority (whether bonds, bond anticipation bonds, or notes)...

(c) Other payments of amounts (including amounts necessary to meet the Authority’s rate covenant contained in Section 6.01 of the Trust Agreement and amounts required to be paid by the Authority to any bond issuer, or issuer of a surety bond to secure a Debt Service Reserve Fund) required by the terms of any bond resolution adopted by the Authority pursuant to resolution adopted by the Authority under which any of the obligations described in part (b)...are issued, provided, however, that no more than 1/5 of the amount due to any reserve fund established under the Trust Reserve Fund and amounts required to be insured, or issuer of a surety bond to secure a Debt Service Reserve Fund, shall be included in the Annual Service Charge in each year.” And by dividing said amount, by the total amount of treated sewage flow to the sewage treatment facility for the preceding year, determined and certified in writing by the Consulting Engineer to the SMUA and expressed in “Billing Units” as hereinafter defined.

2. The resulting charge per Billing Unit shall be multiplied by the total water consumption for each property. Said charges shall be estimated and billed to the property owner by the SMUA annually, and may be adjusted annually at the option of the property owner or of the SMUA, based on relevant and cogent proof of actual water consumption.

3. The SMUA may require relevant and cogent proof of water consumption by submission of water bills, and in the absence of submission of same may charge and collect such charges as it may deem reasonable, based on the flow determined in accordance with Table A (attached), whichever shall produce the greater charge.

4. The user charge for 2017 for properties exempt for ad valorem taxes, or paying reduced amounts of such taxes by reason of the abatement thereof, shall be as follows:

- Operating maintenance and administration  
Expense 2015
- Debt Service and payments to the Reserve for  
Repair and Replacement Fund for 2015
- Total flow in units of 100 cubic feet
- User charge per 100 cubic feet of water consumption

5. The user charge shall be revised annually, as soon as may be practicable after the necessary figures are made available by the auditors and engineers to the Authority.

6. The user charge for 2017 shall be \$3.66/100 cubic feet of water consumption.

SMUA  
USER FEE CALCULATION  
December 31, 2015  
For 2017 Rates

Operating maintenance, administration And capital additions expenses, 2015	\$3,891,914
Debt Service and payments to Reserve for Repair and Replacement, 2015	<u>697,909</u>
	4,589,823
Total flow in units of 100 Cu. Ft.	<u>1,252,749</u>
User Fee	\$ <u>3.66</u>

A Motion was made to close the Public Hearing and approve above resolutions at 7:08 by F. Vogel seconded by G. Schoenrock. Approved by roll call vote. M. Moloughney: Aye; J. Cardenas: Aye; G. Schoenrock: Aye; F. Vogel: Aye. {4-0-0}.

The Consent Agenda was moved on a motion by G. Schoenrock, second by F Vogel and is as follows:

**ADOPTED BUDGET RESOLUTION 2017-01A  
SECAUCUS MUNICIPAL UTILITIES AUTHORITY**

**FISCAL YEAR: FROM: JANUARY 1, 2017 TO: December 31, 2017**

**WHEREAS**, the Annual Budget and Capital Budget/Program for the Secaucus Municipal Utilities Authority for the fiscal year beginning January 1, 2017 and ending December 31, 2017 has been presented for adoption before the governing body of the Secaucus Municipal Utilities Authority at its open public meeting of January 9, 2017; and

**WHEREAS**, the Annual Budget and Capital Budget as presented for adoption reflects each item of revenue and appropriation in the same amount and title as set forth in the introduced and approved budget, including all amendments thereto, if any, which have been approved by the Director of the Division of Local Government Services; and

**WHEREAS**, the Annual Budget as presented for adoption reflects Total Revenues of \$3,782,061, Total Appropriations, including any Accumulated Deficit, if any, of \$5,182,061 and Total Unrestricted Net Position utilized of \$1,400,000; and

**WHEREAS**, the Capital Budget as presented for adoption reflects Total Capital Appropriations of \$1,100,000 and Unrestricted Net Position planned to be utilized of \$1,100,000.

**NOW, THEREFORE BE IT RESOLVED**, by the governing body of the Secaucus Municipal Utilities Authority, at an open public meeting held on January 9, 2017 that the Annual Budget and Capital Budget/Program of the Secaucus Municipal Utilities Authority for the fiscal year beginning 1/1/2017 and, ending 12/31/2017 is hereby adopted and shall constitute appropriations for the purposes stated; and

**BE IT FURTHER RESOLVED**, that the Annual Budget and Capital Budget/Program as presented for adoption reflects each item of revenue and appropriation in the same amount and title as set forth in the Introduced and Approved Budget, including all amendments thereto, if any, which have been approved by the Director of the Division of Local Government Services.

\_\_\_\_\_  
(Secretary's Signature)

01/09/2017  
(Date)

Governing Body Member	Recorded Vote			
	Aye	Nay	Abstain	Absent
Fred Vogel	x			
George Schoenrock	x			

Jorge Cardenas x  
Mark Moloughney x

**RESOLUTION 2017-01B**  
**SECAUCUS MUNICIPAL UTILITIES AUTHORITY**  
Hudson County, New Jersey

**Resolution Authorizing Contract for Video Surveillance System/  
Systems Physical Access Control**

**WHEREAS**, the Secaucus Municipal Utilities Authority (hereinafter “Authority”) is a public body, duly formed under the Municipal and County Authority Law, constituting Chapter 183 of the Laws of 1957, as amended (Chapter 14B of Title 40 of the New Jersey Statutes Annotated) and possesses the powers set forth therein; and

**WHEREAS**, on December 28, 2016 the Authority received the following bids for a contract for Video Surveillance System/Systems Physical Access Control:

**BIDDER**

Technotime Business Solutions	\$59,405.00
Premier Security	\$76,750.00
System 1 Alarm Services	\$96,876.00

**WHEREAS**, the Authority has been advised by its Consulting Engineer, PS&S and Counsel, Cleary, Giacobbe, Alfieri, Jacobs, LLP, that Technotime Business Solutions, LLC., is the lowest responsive bidder.

**NOW THEREFORE BE IT RESOLVED** that the Authority hereby awards contract for for Video Surveillance System/Systems Physical Access Control to Technotime Business Solutions LLC., for the bid price of \$59,405.00, payable in accordance with the prices set forth in its bid, which represents a contract, in accordance with the bid specifications.

**BE IT FURTHER RESOLVED** that this contract is awarded in compliance with the fair and open requirements of N.J.S.A. 19:44a-20.1 et seq.

**BE IT FURTHER RESOLVED** that the Executive Director is hereby authorized and empowered to take whatever action may be necessary and execute any documents that may be required, on behalf of the Authority, after consultation with legal counsel, to effectuate the purpose of this Resolution.

**BE IT FURTHER RESOLVED** to all previous actions taken furtherance to this resolution are hereby approved and ratified.

A Motion was made to approve the above consent agenda by G. Schoenrock Seconded by F. Vogel. Approved by roll call vote. M. Moloughney: Aye; J. Cardenas: Aye; G. Schoenrock: Aye; F. Vogel: Aye. {4-0-0}.

Voucher List was moved on a motion made by G. Schoenrock, seconded by M. Moloughney. and is as follows:



**Voucher List for Meeting of January 09, 2017**

Prepared: 12/25/16

NUMBER2	COMPANY	MONEY	CK#	PO#	REASON
1	Action Rubber	98.60		2016-761	Hose for Jet Truck
2	Alamo Insurance	2,537.44		2017-007	1st Installment Risk Management Insurance
3	Alpha Dog	150.00		2016-776	Monthly Maintenance & Hosting Fee:12/16
4	Arco Steel Co.	4,384.00		2016-648	For Repairs at Post Aeration
5	Beckmeyer Engineering	6,250.00		2016-773	Engineering Services: December 2016
6	Bellaqua	89.70		2016-775	Water
7	Carfi Electric	114.59		2017-014	Electrical Services Parts
8	Carfi Electric	6,860.00		2017-015	Electrical Services
9	Clean Waters Inc.	1,521.00		2016-750	Polymer
10	Cleary, Giacobbe, Alfieri	3,850.00		2017-016	Legal Services: 11/01/16 to 11/31/16
11	Comcast	174.35	10253	2016-755	Internet Services: 12/02/16 to 01/01/17
12	Constellation Energy	1,821.69	10298	2016-771	Remote Stations Power:10/28/16 to11/26/2016
13	Cozy	484.00	10301	2016-753	Uniforms
14	Emerald	315.95		2016-738	3 Cases XL Gloves, I Case Nitro Max
15	Emerald	253.95		2016-768	3 Cases XL Gloves
16	Engineered Solutions Corp	618.75		2017-012	Feasibility Study 7/16 to 11/16
17	Engineered Solutions Corp	1,856.25		2017-013	Security Upgrade Support Services 2/16 to 11/16
18	Eurofins	28.00		2016-777	Analytical Services:11/10/16
19	F.W. Webb	279.07		2016-772	Lot of Supplies for Chlorine Pump Delivery System
20	Fisher Scientific	904.68		2016-719	Lab Supplies
21	Fisher Scientific	309.70		2016-752	Lab Supplies
22	GLEC	1,827.31		2017-008	HDG Consulting Services
23	Grainger	18.15		2016-744	Bulbs For Exit Signs
24	Grainger	87.17		2016-760	Winch Cable
25	Home Depot	115.60		2016-730	Parts to Repair Gast Air Compressor
26	Home Depot	33.96		2016-737	Valves For Force Air Compressor
27	Home Depot	81.00		2016-745	Speedway Emergency Jump & 2 Yr Plan
28	Home Depot	113.03		2016-756	Lights
29	Home Depot	115.28		2016-766	Salt Spreader



30	Home Depot	38.91		2016-759	Ice Melt
31	Interstate Batteries	85.95		2016-762	Battery For Hi-Lo
32	JCI Chemical	2,191.28		2016-757	Sodium Hypochlorite
33	Koester	3,600.00		2016-546	Install Gear Box
34	Miracle Chemical	1,496.25		2016-742	Sodium Bisulfite
35	Miracle Chemical	1,057.35		2016-784	Sodium Bisulfite
36	Municipal Capital Finance	164.77	10254	2016-754	Copier Lease: Payment# 42 12/16
37	NJUA JIF	47,628.25		2017-006	1st Installment Insurance 1/15/17
38	Nassor Electrical	130.00		2016-764	Replacement Bulbs
39	One Call	2.50		2016-779	Markouts
40	Persistent Construction	61,517.81		2017-009	Emergency Repairs Paterson Plank Rd & Turnpike
41	Pitney Bowes	117.00		2016-795	Postage Meter Rental Charge: 1/1/- 3/31/17
42	Praxair	238.33		2016-767	Parts for Cutting Torch
43	Precision Electric	118.93		2016-722	Cord Set For Barnes Pump
44	PSEG	18,017.78	10299	2016-770	Power: Nov. 2016
45	PS&S	4,650.00		2017-010	Professional Services: OHSP Grant
46	Pumping Services	5,560.00		2016-636	Pump Repair PS#1
47	Pumping Services	1,908.00		2016-726	Insert Ring For Pump #2 PS#1
48	Purchase Power	320.99	10180	2016-678	Postage
49	PVSC	20,736.00		2016-792	Sludge Disposal: 11/16/16 to 12/15/16
50	R&D Trucking	11,660.00		2016-778	Sludge Removal: 11/02/16 to 11/30/16
51	Sage Software	1,299.00	TEPS	2016-780	Annual Support:9/2016 to 9/2017
52	Scott Enviromental	150.00		2016-685	Qrtly Backflow Inspection
53	Secaucus Home News	17.72		2016-794	Legal Ad Fee Schedule 12/22/16
54	Secaucus Home News	60.08		2016-797	Legal Ads: Meeting Notice & Bid Advert 12/15/16
55	Spectraserv	3,956.00		2016-774	Monthly Container Charge: Nov. 2016
56	Staples	69.59		2016-733	Office Supplies
57	Star Ledger	254.22		2016-793	Legal Ad Video Surveillance
58	State of NJ	33,881.22	TEPS	2016-787	Hospitalization: Active Employees:12/16
59	State of NJ	1,394.46	TEPS	2016-788	Hospitalization: Retiree Employees: 01/17
60	Suez Water NJ	922.57	10224	2016-743	Water
61	Town of Secaucus	1,630.08		2016-789	Dental Reimbursement: Jan. 2017
62	Union Auto Parts	55.80		2016-732	1 Case Rain-X
63	Van Air & Hydraulics	1,514.44		2016-727	Part for Gast Piston Unit
64	Van Air & Hydraulics	1,522.30		2016-758	Gast Piston Units
65	Verizon	253.85	10300	2016-769	Telephones
66	Verizon Wireless	218.78	10303	2016-785	Telephones: 11/13 to 12/12/16
67	WEF	107.00		2016-796	Membership Renewal: L. Smentkowski
68	WEX Bank (Sunoco)	472.65	10251	2016-751	Fuel: Nov. 2016
<b>TOTAL:</b>		264,313.08			
* 12/16 Voucher list line #43 States PSEG \$13153.95 paid \$13135.95 Difference added to 11/16 Invoice					

Roll Call to approve the voucher list as presented: M. Moloughney: Aye; J. Cardenas: Aye; G. Schoenrock: Aye; F. Vogel: Aye. 4-0-0.

**Report of the Executive Director  
December 2016 {January 5, 2017}**

- Advertised for RFP's for all professional services to be submitted by January 11, 2017. Once received staff will review and make recommendations for appointments at the February 6, 2017 Reorganization meeting.
- Will be posting a position for maintenance supervisor. This will be an "in house" position, but requires posting to create the position and allow for any qualified current employee to apply.
- Work is continuing on updating the control panel of the secondary sludge pumps. The contracted Authority Electrician will update the existing control panel with new parts (breakers; relays; starters; etc.). This will be done due to the fact that the installation of the new pumps, conduit and electrical has been updated, but due to time frame to get these pumps up and running, the panel has not yet been upgraded.
- The dual-fuel converter has still not been installed, but is scheduled to be finished by the end of January. Notified the Contractor that the Authority may be seeking liquidated damages.
- Received bids for the security/scada installation. Resolution will be on January's agenda.
- Nothing further to report regarding the possible connection of the USCG Auxiliary building to the SMUA sanitary on Meadowland Parkway.
- Finalized the labor agreement with counsel. The MOA was ratified at the November meeting of the Authority. The contract has not yet been signed.
- The sludge thickener repair was completed.
- Forwarded the 2017 Introduced Authority Budget for review and received notification from Department of Community Affairs that it has been approved for adoption. The DCA has instructed the Authority to adopt prior to the Town adopting their budget {which includes the funding of the Authority} and the Authority can always amend an adopted budget. The resolution is on for the January meeting.
- Worked with the Authority Engineer and Accountant to calculate Connection and User Fees for 2017. The Public Hearing and resolutions are scheduled for the January meeting.

- Collected a connection fee from a firm converting warehouse space to a screen printing operation. They supplied analytical data that is well within Authority standards and the Authority Engineer conducted the flow calculations.
- Contacted Mayor Gonnelli regarding an ongoing problem with the privately owned collection system at Harmon Cove. Awaiting a response.
- Contacted representatives of Hartz Mountain Industries regarding the maintenance of their privately owned collection system.

**Old Business:** None.

**New Business:**

**Legal:** No Report

### **ENGINEERS REPORT FOR THE MONTH OF DECEMBER 2016**

The following is a list of the main activities as provided by this office to the Authority for the above-mentioned month:

- Bids were published and were accepted on April 29, 2016. Project was rebid due to excessive bid numbers. Rebid opening was June 1, 2016. The low responsible bidder was Envirocon from N.J. at \$119,000. Paper work from the Contractor was received and signed. The pre-construction meeting was held on September 27. The conversion equipment was ordered is more than a month for delivery. Other work will be done during the wait time of delivery. The Mechanical Sub Contractor began work in October. The high pressure gas line and fencing has been installed. The Mechanical sub-contractor is measuring and modifying the conversion unit to adapt to our generator. Waiting on the Sub-Contractor
- We looked into two designs to supply sanitary services to the Coast Guard Building. A gravity System and a pumping system. We have compiled the costs of to bid out either installation. The cost information comparison was submitted to the Town for review and input. The Mayor had requested a meeting on this project. Waiting on his availability.
- Spoke to the applicant's engineer about a proposed connection at 1 County Avenue. Reviewed application. Engineer received review letter and stated that the design was to change. Unsuccessful attempt to return calls to Applicants permit engineer. Waited on design plans from the applicant. Received plans and reviewed, issued comments back to the applicant's Engineer. Revised plans have just been submitted, starting the review. The applicant is required to obtain an easement to install a force main and connect into an existing privately owned sewer before it leads into the SMUA system in Penhorn Drive. The engineer sent revised drawings showing a new location for the pump station, also sent the easement description and plan. New require a revised TWA application. Requested that the easement also reads that the private sewer will convey the adjacent properties sewage in perpetuity. Easement was received and is being reviewed for compliance.

- Contacted Tax Department to ascertain new tax maps for use by the Authority for facilities inventory. Meeting never occurred. Attended a few meetings at NJSEA on their GIS/Meri system. The tax department is waiting on a proposal from the Town to update the Tax Maps. We also met with the NJSEA to gather information on use of their system and/or data. The NJSEA is in the process of turning over the MERI System to Rutgers. Beckmeyer Engineer has submitted a proposal to the SMUA for re-creating the Sanitary Sewer Map with updated sewer serving areas. As recommended by the Commissioners, reached out to the NJSEA to see if the information can be OPRA'd. NJSEA information is not readily available.
- 2 Secondary sludge pumps burnt out due to a shorted power feed. A rental pump was installed along with a temporary pump feed cable from the panel in the sludge building to the clarifier. Proposals to install new conduit and feed wiring between the panel and the clarifier were received. Conduit has been installed. New wiring has been installed and the system is operating. A new control panel is being proposed for the pumps.
- Prepared a scope to supply and install a scum collecting "beach" within the sludge thickener tank. The SMUA will empty and clean the tank with the contractor doing the remaining work. We will also be replacing a 6" eccentric ball valve at the bottom of the tank since it will be empty and out of service. Prepared a RFP and uploaded it to the SMUA web page. Held a pre-bid meeting with three contractors in attendance. Two contractors bid with Rapid pump and meter Services being the lowest at \$15,780.00. Second bidder was \$38,000.00. Awarded to Rapid. We received notification that the equipment has been shipped. Upon receiving a solid delivery date, the SMUA will coordinate with the Contractor on the tank emptying schedule and probable installation date. The tanks were emptied and the contractor started the work of 11/30/16. Project has been completed
- Met with representatives for the proposed Hudson County Technical School to be located on New County Road. Produced estimated flow letter for the Authority and Applicant. Prepared technical review. Requested further information on the proposed pump station. Received information and will now request a meeting with their design staff for further clarifications. Requested further clarification on their submitted force main calculations and received information, presently reviewing.
- Met with Chuck Cuyulis on the proposed SCADA project. Started preparing facility layouts and the conduit design runs. Sent Chuck Cuyulis preliminary plans for review and markup. Received mark up and commented plans. Started updating the plans. Plans were revised and sent back to Chuck Cuyulis. Public Bid, prepared by PS&S and Keystone were opened.
- A "Change of Use" had been submitted for 4 Emerson Lane. The applicant is converting 8,000 sf of existing warehouse into a digital printing operation. The applicant has explained the new equipment will only produce 2,500 gpd of rinse water accomplished by an evaporation/condensation system that would be free of any ink. The only way ink could enter the system is by a malfunction. I requested further information on the new equipment with respect to the water usage and discharge. Applicant submitted some of the requested information. Requested further information and further clarification. Reviewing information for the installation of a 5 meter fabric ink printer. I have been in contact with the facility and with their engineer. I have also meet them onsite to review their installation. The SMUA has requested more information and a water sample test of a similar facility for pre-industrial treatment standards. Testing was prepared but they did not follow our request. All information has been reviewed with the application approval pending.
- PSEG has agreed to install a power monitoring device on our service connection before our transformer to record the power consistency from the utility. The device will be installed for approximately a month and then the data will be analyzed. The device was installed November 1, 2016 by PSEG.

- 100 Park Plaza Drive is a new 469 residential development consisting of sixty (#60) studio, one hundred ninety-seven (#197) one bedroom, one hundred ninety-three (#193) two bedroom and nineteen (#19) three bedroom residential units. An Engineer Review letter approving the application contingent on the submittal of further requested information was sent to the applicant
- Started preparing the new Sodium Hypochlorite/Sodium Bisulfite Bid Specifications. The Town has requested that the SMUA include the Recreation Department's need for Sodium Hypochlorite for the pool facility be included into the SMUA's yearly contract to achieve better overall prices. Meet with the Recreation department to gather information on the pool's Sodium Hypochlorite usage quantity, usage pattern, product storage capabilities and delivery access. The SMUA along with the Recreation Department would require a shared service agreement for the SMUA to add the Recreation Department's Sodium Hypochlorite requirements to the SMUA bid. It has been decided that this year the SMUA will bid this alone. Next year we will look into doing a Shared Service agreement with the Recreation Department. Public bids were opened on 11/30/16 and are in attorney review. Awarded at the December meeting.
- Reviewing a change of use at 215 County Avenue for the installation of a ink printer. I have been in contact with facility personnel. The SMUA has requested further information on their existing pH adjustment system
- Started reviewing the design of a new blower at the post-aeration tank. The present blower is oversized and can be reduced in horse-power. Also is if the addition of a "VFD" on the existing blowers would also show the Authority power savings.
- Prepared a sewer service area map with regards to the Route #3 and Route #495 proposed work. Submitted to the designing engineering company.
- Prepared the Authority's 2015 "Computed Total Flow" and submitted to the Authority's auditor for the calculation of the 2017 User and Connection fees.

**Beckmeyer Engineering, P.C.**  
**Glenn M. Beckmeyer, P.E.,P.P.,CME**  
**Authority Engineer**  
**January 3, 2017**

**OPERATIONS REPORT – December 2016**  
**Submitted January 9, 2016**

KOELLE BOULEVARD FACILITY

- 1) The estimated average daily flow for the month was 2.5971 MGD. Maximum daily flow was 4.8884 M.G.; the total flow for the month was 82,800,400 MG.
- 2) Rapid Pump and Meter installed a new skimmer beach in the Sludge Thickening Tank. The Sludge Plows located in the lower sump of the tank were reinstalled.
- 3) New rubber was installed on the skimmer arm of the Sludge Thickening Tank.
- 4) Routine maintenance and grounds keeping were performed.
- 5) The Serpentine tank was drained and cleaned.
- 6) A new air compressor was installed for the backup Bubbler System in Pump Station number one.
- 7) A new air compressor was installed for the backup Bubbler System in Pimp Station number two.
- 8) New Chlorine feed lines were replaced for Chlorine feed pumps one and two.
- 9) All smoke detectors were serviced and tested by Automatic Suppression and Alarm.
- 10) All Fire Extinguishers were check and certified by Campbell Fire Protection Inc.

PUMP STATION # 1 Village Place

- 1) The estimated average daily flow was 1.066 M.G.D.
- 2) All pumps cleaned and maintained on a regular basis.
- 3) Routine maintenance and grounds keeping were performed.

PUMP STATION # 2 Paterson Plank Road and Turnpike Exit

- 1) The estimated average daily flow was 73,410 G.P.D.
- 2) Routine maintenance and grounds keeping were performed.

PUMP STATION # 3 Henry Street

- 1) The estimated average daily flow was 49,268 G.P.D.
- 2) Routine maintenance and grounds keeping were performed.

PUMP STATION # 4 New County Road and Seaview Drive

- 1) Routine maintenance was performed.
- 2) New cable was installed on the rag basket hoist.

PUMP STATION # 5 Wilroy – Secaucus Road

This station is not in service. Grounds keeping was performed.

PUMP STATION # 6 Castle Road

- 1)The estimated average flow was 13,924 G.P.D.
- 2)Routine Maintenance and grounds keeping were performed.

PUMP STATION #7 - Exchange Junction

Routine maintenance was performed.

COLLECTION SYSTEM: Approximately 5,106 feet of sanitary lines were cleaned. The Authority assisted the D.P.W. in cleaning various catch basins.

Respectfully Submitted  
Brian A. Beckmeyer Sr.  
Superintendent

At 7:53 PM, a motion was made by F. Vogel, second by J. Cardenas to adjourn the meeting. All in Favor 4-0-0.