MINUTES OF THE 828th MEETING THE SOMERSET RARITAN VALLEY SEWERAGE AUTHORITY August 24, 2015

Minute 1 - Opening of Meeting

The 828th Meeting of the Somerset Raritan Valley Sewerage Authority was called to order at 7:30 P.M. by the Chairman, Peter Stires.

Minute 2 - Open Public Meetings Announcement

The Open Public Meeting Announcement was read by the Executive Director, Ronald S. Anastasio.

Minute 3 – Roll Call

Present/Absent		Present/Absent
X	Todd Hay	x Richard Mathews
x	Richard DeLuca	_x_ Michael Merdinger
X	Philip Petrone	x Joseph J. Lifrieri
X	Edward Machala	x Michael Impellizeri
	Carolann Garafola	x_ Gail Quabeck
X	Steven Mlenak	_x_ Robert Albano
——«— —		x Peter Stires

Professional Staff

Ronald Anastasio, P.E., Executive Director	Present
Sherwin Ulep, P.E., Facility Engineer	Absent
Anthony Tambasco, Plant Superintendent	Present
Michael Ingenito, Supervisor-Wet End	Absent
Tom Schottle, CDM Smith	Present
Joseph Maraziti, Esq., Maraziti Falcon, General Counsel	Present
Peter Wozniak, Chief Financial Officer	Present
Linda Hering, Human Resources Manager	Present

Others

Donna O'Shea, Administrative Assistant

Minute 4 - Pledge of Allegiance

All in attendance saluted the flag.

Minute 5 – Approval of Minutes

A. 827th Meeting – July 27, 2015 Regular Session

Upon motion of Ms.Garafola, second of Mr. Impellizeri, the Minutes of the 827th Meeting (Regular Session) were approved by the following roll call vote:

	Yes	No	Absent		Yes	No	<u>Absent</u>
Todd Hay			X	Richard Mathews	X		
Richard DeLuca			X	Michael Merdinger	X		
Philip Petrone	X			Joseph Lifrieri	X		
Edward Machala	X			Michael Impellizeri	X		
Carolann Garafola	X			Gail Quabeck	X		
Steven Mlenak			X	Robert Albano	X		
				Peter Stires	X		

B. 827th Meeting – July 27, 2015 Closed Session

Upon motion of Mr. Impellizeri, second of Ms. Garafola the Minutes of the 827th Meeting (Closed Session) were approved by the following roll call vote:

	Yes	No	<u>Absent</u>		Yes	<u>No</u>	Absent
Todd Hay			X	Richard Mathews	X		
Richard DeLuca			X	Michael Merdinger	X		
Philip Petrone	X			Joseph Lifrieri	X		
Edward Machala	X			Michael Impellizeri	X		
Carolann Garafola	Х			Gail Quabeck	X		
Steven Mlenak			X	Robert Albano	X		
				Peter Stires	X		

Minute 6 - Resolutions for Consideration and Possible Formal Action -

A. Res. No. 15-0824-1 - Sewer Extension - Three Single-Family Dwelling Subdivision, Vroom Drive, Block 199, Lot 18, Hillsborough Township

Upon Motion of Mr. Albano, Second by Ms. Garafola, the above resolution was approved by the following roll call vote:

	Yes	<u>No</u>	Abser	<u>nt</u>	Yes	<u>No</u>	Absent
Todd Hay Richard DeLuca Philip Petrone Edward Machala Carolann Garafola Steven Mlenak	x x x		x x	Richard Mathews Michael Merdinger Joseph Lifrieri Michael Impellizeri Gail Quabeck Robert Albano Peter Stires	x x x x x x x		

B. Res. No. 15-0824-2 - Sewer Extension Resolution - Two Existing Single-Family Dwellings, Whispering Way, Block 71, Lot 74, Warren Township

Upon Motion from Ms. Quabeck, Second of Mr.Lifrieri, the above resolution was approved by the following roll call vote:

	Yes	<u>No</u>	Abse	<u>nt</u>	Yes	No	Absent
Todd Hay			X	Richard Mathews	x		
Richard DeLuca			X	Michael Merdinger	X	101	
Philip Petrone	X			Joseph Lifrieri	X		
Edward Machala	X			Michael Impellizeri	X		
Carolann Garafola	X			Gail Quabeck	X		
Steven Mlenak			X	Robert Albano	X		
				Peter Stires	X		

A copy of the Resolution is attached hereto and made part of the Official Minutes.

C. Res. No. 15-0824-3 – Resolution Extending Contract for Ammonium Hydroxide 10% Solution

Upon Motion from Mr. Lifrieri, Second of Mr. Albano, the above resolution was approved by the following roll call vote:

	Yes	No	Abse	<u>nt</u>	Yes	No	Absent
Todd Hay Richard DeLuca Philip Petrone Edward Machala Carolann Garafola Steven Mlenak	x x x		x x	Richard Mathews Michael Merdinger Joseph Lifrieri Michael Impellizeri Gail Quabeck Robert Albano Peter Stires	X X X X X		

A copy of the Resolution is attached hereto and made part of the Official Minutes.

D. <u>Res. No. 15-0824-4</u> -- Resolution Extending Contract for Liquid Sodium Bisulfite (100,000 gallons)

Upon Motion from Mr. Albano, Second of Mr.Lifrieri, the above resolution was approved by the following roll call vote:

	Yes	No	Abse	<u>nt</u>	Yes	No	Absent
Todd Hay Richard DeLuca Philip Petrone Edward Machala Carolann Garafola Steven Mlenak	x x x		x x	Richard Mathews Michael Merdinger Joseph Lifrieri Michael Impellizeri Gail Quabeck Robert Albano Peter Stires	X X X X X		

E. Res. No. 15-0824-5 – Resolution Extending Contract for Liquid Sodium Hydroxide 50% Solution

Upon Motion from Mr. Albano, Second Ms. Garafola, the above resolution was approved by the following roll call vote:

Todd Hay x Richard Mathews x Richard DeLuca x Michael Merdinger x Philip Petrone x Joseph Lifrieri x Edward Machala x Michael Impellizeri x Carolann Garafola x Gail Quabeck x Steven Mlenak x Robert Albano x Peter Stires x	

A copy of the Resolution is attached hereto and made part of the Official Minutes.

F. <u>Res. No. 15-0824-6</u> – Resolution Extending Contract for Liquid Sodium Hypochlorite 15% Solution

Upon Motion from Mr. Albano, Second of Mr. Machala, the above resolution was approved by the following roll call vote:

	Yes	No	Abser	<u>nt</u>	Yes	No	Absent
Todd Hay Richard DeLuca Philip Petrone Edward Machala Carolann Garafola Steven Mlenak	x x x		x x	Richard Mathews Michael Merdinger Joseph Lifrieri Michael Impellizeri Gail Quabeck Robert Albano Peter Stires	x x x x x x		

A copy of the Resolution is attached hereto and made part of the Official Minutes.

Commissioner Albano commented that when we have Bid Extension Resolutions, we should combine them all for one Roll Count Vote (instead of breaking them up individually). Attorney Maraziti confirmed that doing that would not pose any problems and if the Commissioners felt that would work better, it would be fine to proceed in that manner in the future.

G. Res. No. 15-0824-7 – Tricon Enterprises, Inc. – Change Order No. 3

Upon Motion from Mr. Lifrieri, Second of Mr. Albano, the above Resolution was then approved by the following roll call vote:

Commissioner Garafola inquired about why this is such a big Change Order - seems like a lot of money. Executive Director Anastasio answered that there was a lot more material during the demolition that we encountered which fell under the definition of "ash" which had to be dealt with as ash. We had an agreement with Pfizer that they pay up to \$150,000 of expenses for that. The portion of this Change Order that relates to ash is about \$148,570. We're going to be getting reimbursed from Pfizer in accordance with that portion of the Change Order. The rest of it was just exceedances of quantities for the disposal of the hazardous brick (containerization and disposal) over what we thought it was going to be. Commissioner Albano asked if the original bid that was submitted was based on our estimates of the materials to be removed. Mr. Anastasio answers yes; where the bid quantities were based on the original design plan which we received from Pfizer's predecessor years ago However, the incinerators weren't built exactly the way it was shown on the plans. We had planned on there being a quantity of non-hazardous brick to be disposed of, however, this was never encountered. It was this "castable insulation" material which turned to dust as soon as it was touched; so, it fell under the definition of ash. Therefore, we have to abide by the contract. As part of this, we received a \$10,000 credit for not having to dispose of that non-hazardous brick - so, that's all part of this Change Order as well.

Commission Merdinger states that it is not unusual to have a lot of ash when you take down an incinerator.

	Yes	No	Abser	<u>nt</u>	Yes	No	Absent
Todd Hay			X	Richard Mathews	X		
Richard DeLuca			X	Michael Merdinger	X		
Philip Petrone	X			Joseph Lifrieri	X		
Edward Machala	X			Michael Impellizeri	X		
Carolann Garafola	X			Gail Quabeck	X		
Steven Mlenak			X	Robert Albano	X		
				Peter Stires	X		

A copy of the Resolution is attached hereto and made part of the Official Minutes.

Minute 7 - Board Committees

A. Personnel Committee (PETRONE, Albano, DeLuca, Mathews, Quabeck)

(1) Report on retirement of Norma Smullen and salary increase for Linda Hering

Res. No. 15-0824-8 – Resolution Acknowledging Retirement of Norma Smullen and Increasing the Salary of HR Manager Linda Hering

Mr. Petrone explained the change in retirement date for Norma Smullen (Office/HR Manager). She had been scheduled to retire on October 1, 2015, but moved that date up to September 1, 2015. The Committee had stipulated earlier that Linda Hering would move into the position in HR at a rate of \$65,000 and when Norma retired, the increase in salary would go to \$69,000.

Upon Motion from Mr. Petrone, Second of Ms. Garafola, the above Resolution was then approved by the following roll call vote:

	Yes	No	Abser	<u>nt</u>	Yes	No	Absent
Todd Hay Richard DeLuca Philip Petrone Edward Machala Carolann Garafola Steven Mlenak	X X X		x x	Richard Mathews Michael Merdinger Joseph Lifrieri Michael Impellizeri Gail Quabeck Robert Albano Peter Stires	x x x x x x		

A copy of the Resolution is attached hereto and made part of the Official Minutes.

(2) Report on Andrew Judd's 25 Years of Employment

Res. No. 15-0824-9 — Andrew Judd's 25 years of employment at Somerset Raritan Valley Sewerage Authority -- \$100 award for his years of service.

Ms. Garafola suggests that besides the monetary award for service, SRVSA do a press release or provide a plaque that could signify the years of service to be hung up for viewing. Commissioner Quabeck said that some time ago when Executive Director Petrauski was still here he suggested that we have a plaque of some sort. We (the Commissioners) agreed but it never happened. Everyone is in agreement that this be accomplished.

Upon Motion from Mr. Petrone, Second of Mr. Lifrieri, the above Resolution was then approved by the following roll call vote:

	Yes	No	Abser	<u>1t</u>	Yes	No	Absent
Todd Hay			X	Richard Mathews	X		
Richard DeLuca			X	Michael Merdinger	X		
Philip Petrone	X			Joseph Lifrieri	X		
Edward Machala	X			Michael Impellizeri	X		
Carolann Garafola	X			Gail Quabeck	X		
Steven Mlenak			X	Robert Albano	X		
				Peter Stires	X		

B. CHAIRPERSON

No further report.

Minute 8 - Public Participation - NONE

Minute 9 - Reports

- A. Executive Director's Report
 - (1) SSO Project Update
 - a) Res. No. 15-0824-10 Resolution Awarding Bid for the Construction of the Temporary Sanitary Sewer Overflow Relief System to Adamsville Maintenance, Inc.

Executive Director Anastasio said that we still have not yet received the letter from DEP, although we are told that it is still coming. About ten days ago, Jim Cosgrove spoke to DEP and they went through the points in the letter. One thing we are making progress on is that we put out to bid the construction of the temporary SSO Facility that we're required to build. We received and opened four bids last Tuesday, August 18th, as I indicated in my memo. The bids came in a little bit higher than we thought. Sherwin, Tony and I had figured that the way it was currently designed, it would come in around the mid \$60,000's. However, it's the upper \$80's.

We received four bids – the two lowest bids (\$88,000 and \$89,700) were very close to each other. The other two bidders were \$169,000 and the other was \$180,000; so, those bidders were also thinking the same as each other. The winner of the project is a reliable, local contractor. We have no reason to not recommend going forward with this. We have to go forward with this for a number of reasons, and we are carrying through with what we said we would do.

We can't really use this facility in the future once the Storm Control Treatment Facility is built. It will then be closed off and abandoned. It's part of the ACO and we approached them about a year ago to talk about the idea of not constructing it because the effectiveness is reduced when the river is flooded (when everything is under water, it doesn't function); but they still wanted us to build this. We're ready to move forward and we're ready to get this project started. It should take about 60 days to begin construction and the construction should last a couple of weeks. They have excellent access to the area being constructed. Once they get all the required fittings, the work will go pretty quickly.

Upon Motion from Ms. Quabeck, Second of Mr. Machala, the above Resolution was then approved by the following roll call vote:

	Yes	<u>No</u>	Abser	<u>1t</u>	Yes	No	Absent
Todd Hay			Х	Richard Mathews	X		
Richard DeLuca			X	Michael Merdinger	X		
Philip Petrone	X			Joseph Lifrieri	X		
Edward Machala	X			Michael Impellizeri	X		
Carolann Garafola	X			Gail Quabeck	X		
Steven Mlenak			X	Robert Albano	X		
				Peter Stires	X		

(2) Incinerator Project Update – CDM Smith Presentation

Executive Director Anastasio comments after the above presentations – Instead of having your typical project where you design a bid package and put it out and have a contractor buy the equipment, we'll put together an initial package where we'll engage an air pollution control supplier where they would supply carbon vessels, pre-filters, fans & heat exchangers. This person would be responsible for furnishing that equipment and starting it up; so, it would be a qualified person to furnish and start up the equipment. Once we have that system supplier on board, we would then finalize the details based on the equipment proposed. Then, we would prepare our detailed design with that equipment. This is how we foresee our entering this air pollution control system supplier design phase.

CDM Smith has a preliminary design memo which we are going to issue to The Board. At this point, we really have to commit to one design or another, yet we don't want to do it blindly. What another Authority has found out is that when they committed to a particular design, they've had to change through either an addendum or a change order because the prices come way beyond the budget and the other is way more attractive. It's not just pricedriven – the designs bring you to the "fork in the road" and you have to go one way or another because the configurations are so different. We've been working on this for a number of weeks and this seems to be the best way to go about doing this. We'll be bringing this to the Planning Board and the whole Board especially with regards to design. In speaking with our attorney, Mr. Carney, we will have two contracts which will detail the different responsibilities. We're looking at the front end of the contract's language and we're in discussions with CDM Smith as to what the latest version is of the front-end that they use. The latest version is the one we used for the tunnel contract which is good for us because we brought a lot of modifications to it. We will revisit it and see if we need to make any changes. We will be updating The Board as we go, and there are no decisions to make at this time.

Commission Albano said that if he understands correctly, we will be putting out a contract to each of the two suppliers that you identified. Mr. Anastasio responded that we would provide a contract to an Air Pollution Control System supplier – one contract. Then, specs will be written around both manufacturers, where either system can meet the specified performance requirements.

(3) Aeration Blower Study Report – CDM Smith Presentation

Engineer Luastsen reported that there were two 1,000 horsepower blowers installed in 1955 built by American Cyanamid. With calculations and evaluations on upgrading the equipment, we looked at two different types of blowers to see if they fit with the design as well as cost analysis.

We did a twenty-year cost analysis for both operating and maintenance costs. We also looked at projected average power consumption. We wanted to verify the number that we calculated so we went out there with some ammeters to confirm the power consumption, and what we found was that it just is not worth it to replace the blowers since the pay-back is greater than twenty years. Commissioner Albano inquires about what kind of fuel we use for this. Mr. Anastasio answered that it's electricity and we're paying about 8.1cents per kilowatt hours. We used current rates in our configuration. Commissioner Albano asks if that is likely to increase. Mr. Anastasio explained with all the fracking and natural gas discoveries in the country, perhaps rates will be stable for the future. We can look at interest rates and other factors in the future.

Mr. Laustsen states that we're operating the blower in the "sweet spot" of the performance curve; so, it's very efficient. The conclusion is based on a twenty-year pay-back. It would not be a good investment at this time and we should continue using what we have.

(4) Update on the Former Sodium Hydroxide Underground Storage Tank Remedial Groundwater Investigation

Executive Director Anastasio explains the Remedial Groundwater Investigation that we're doing for the old sodium hydroxide underground storage tank that we removed a few years back. You might remember about a year and a half ago The Board authorized Hatch Mott MacDonald to move further with the next leg of the investigation. We were going to do some additional small geo-probe wells and we had to get some boundary condition results from the bank of the Raritan River and we were going to sample our existing wells for eight consecutive quarters and report those results to DEP. Then decide what to do. Hatch Mott MacDonald has sampled for five quarters and they also did those boundary condition measurements. They feel that doing more quarterly monitoring doesn't pay. Their idea is to write a remedial action outcome on this situation and define what's called a "CEA" (Classification Exemption Area) which is basically a deed restriction on our property. They want to set this up now and that will begin a bi-annual monitoring which will be a long-term process and continue for a very long time.

We don't have to pump any groundwater and we don't have to put any additional wells in. Even though we have a deed restriction on the property and we can't put in a well – that's not a problem – we'll have a long-term monitoring system in place. There is about \$19,500 left in that Authorization. The estimate for this is about \$12,500 and then I'm sure we'll have to do some work with a surveyor and put it on a map. We're working on this and I just wanted to advise The Board where this is going.

(5) Update of Temporary Lease of Land to Pfizer (CLOSED SESSION) -

- **B.** Engineer/Consultants Thomas Laustsen, P.E. (CDM Smith) Engineer's Report for July, 2015–No additional comments.
- C. Attorney Joseph J. Maraziti, Jr., Esq., Maraziti Falcon, LLP No additional comments.
- D. Department Reports -
- E. Facility Engineer Reports No additional comments.
 - (1) Capacity Allocation
 - (2) Capacity Assurance
 - (3) Monthly Flow Report
 - (4) Facility Engineer's Monthly Report

Minute 10 - Communications - No additional comments.

- A. NJDEP, Division of Water Quality; Residual Transfer Report; Re: Reporting Period: 7/1/15-7/31/15
- B. NJDEP, Division of Water Quality; Surface Water Discharge Monitoring Report; Re: Reporting Period: 7/1/15-7/31/15
- C. NJDEP, Division of Water Quality; Residuals DMR; Re: Reporting Period: 7/1/15-7/31/15

Minute 11 - Res. No. 15-0824-11 - Payroll

Upon motion of Ms. Quabeck, second of Mr. Albano, the above Resolution was approved by the following roll call vote:

	Yes	No	Abser	<u>1t</u>	<u>Yes</u>	No	Absent
Todd Hay Richard DeLuca Philip Petrone Edward Machala Carolann Garafola Steven Mlenak	x x x		x x	Richard Mathews Michael Merdinger Joseph Lifrieri Michael Impellizeri Gail Quabeck Robert Albano Peter Stires	x x x x x x		

A copy of the Resolution is attached hereto and made part of the official Minutes.

Minute 12 - Res. No. 15-0824-12 - Resolution for Cancellation of Check(s)

Upon motion of Mr. Machala, Second of Mr. Mathews, the above Resolution was approved by the following roll call vote:

	Yes	No	Abse	<u>nt</u>	Yes	<u>No</u>	Absent
Todd Hay Richard DeLuca Philip Petrone Edward Machala Carolann Garafola Steven Mlenak	x x x		x x	Richard Mathews Michael Merdinger Joseph Lifrieri Michael Impellizeri Gail Quabeck Robert Albano Peter Stires	X X X X X		

A copy of the Resolution is attached hereto and made part of the official Minutes.

Minute 13 - Res. No. 15-0824-13 - Resolution - BILLS

Upon Motion of Mr. Merdinger, Second of Mr. Machala, the above Resolution was approved by the following roll call vote:

	Yes	<u>No</u>	Abse	<u>nt</u>	Yes	No	Absent
Todd Hay			X	Richard Mathews	X		
Richard DeLuca			X	Michael Merdinger	X		
Philip Petrone	X			Joseph Lifrieri	X		
Edward Machala	X			Michael Impellizeri	X		
Carolann Garafola	X			Gail Quabeck	X		
Steven Mlenak			X	Robert Albano	X		
				Peter Stires	X		

A copy of the Resolution is attached hereto and made part of the official Minutes.

Minute 14 - Motion to Adjourn to Closed Session

Upon Motion of Mr. Lifrieri, Second of Mr. Mathews, the Regular Session was Adjourned at 8:18 p.m. and the meeting was Reconvened in Closed Session to discuss matters by the following roll call vote:

	Yes	No	Abse	<u>nt</u>	Yes	No	Absent
Todd Hay Richard DeLuca Philip Petrone Edward Machala	x x		x x	Richard Mathews Michael Merdinger Joseph Lifrieri Michael Impellizeri	X X X		

Carolann Garafola	X	Gail Quabeck x
Steven Mlenak		x Robert Albano x
		Peter Stires x

Minute 15 - Motion to Reconvene to Open Session

Upon Motion of Ms. Quabeck, Second of Mr. Albano, the Closed Session was Adjourned at 8:23 p.m. and the meeting was Reconvened in Open Session by the following roll call vote:

	Yes	No	Abser	<u>ıt</u>	Yes	No	Absent
Todd Hay			X	Richard Mathews	X		
Richard DeLuca			X	Michael Merdinger	X		
Philip Petrone	X			Joseph Lifrieri	X		
Edward Machala	X			Michael Impellizeri	X		
Carolann Garafola	X			Gail Quabeck	X		
Steven Mlenak			X	Robert Albano	X		
				Peter Stires	X		

Minute 16 - Adjournment

Upon a motion of Mr. Mathews, Second of Ms. Quabeck, the meeting was adjourned at 8:25 p.m. by the following roll call vote:

	Yes	No	Abse	<u>nt</u>	Yes	No	Absent
Todd Hay Richard DeLuca Philip Petrone Edward Machala Carolann Garafola Steven Mlenak	x x x		x x	Richard Mathews Michael Merdinger Joseph Lifrieri Michael Impellizeri Gail Quabeck Robert Albano Peter Stires	x x x x x x x		

NEXT REGULAR BOARD MEETING – SEPTEMBER 21, 2015