

**MINUTES OF THE BOARD MEETING
THE SOMERSET RARITAN VALLEY SEWERAGE AUTHORITY
January 28, 2019
(Rescheduled to February 4, 2019)**

Minute 1 – Opening of Meeting

The Board Meeting of the Somerset Raritan Valley Sewerage Authority was called to order at 7:30 P.M. by Vice-Chairman, Richard Mathews

Minute 2 – Open Public Meetings Announcement

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

Minute 3 – Roll Call

| | | | |
|---------------------|--------|---------------------|--------|
| Todd Hay | Yes | Peter Stires | Yes |
| Louis Esposito, Jr. | Absent | Randy Smith | Yes |
| Philip Petrone | Yes | Michael Impellizeri | Yes |
| Edward Machala | Yes | Gail Quabeck | Yes |
| Steven Mlenak | Yes | Robert Albano | Yes |
| Richard Mathews | Yes | Joseph Lifrieri | Absent |
| | | Carolann Garafola | Yes |

Authority Staff

| | |
|--|---------|
| Ronald Anastasio, P.E., Executive Director | Present |
| Sherwin Ulep, P.E., Facility Engineer | Present |
| Anthony Tambasco, Plant Superintendent | Present |
| Michael Ingenito, Chief Plant Operator | Present |
| Dennis Smith, Supervisor Liquid Division | Present |
| Ellie Hoffman, P.E., RCO/Asst. Engineer | Present |
| Linda Hering, Human Resources Manager | Present |
| Peter Wozniak, Chief Financial Officer | Present |

Professional Staff

| | |
|---|---------|
| Thomas Laustsen, CDM Smith | Present |
| Joseph Maraziti, Esq., Maraziti Falcon, LLP | Absent |

Minute 4 – Pledge of Allegiance

All in attendance saluted the flag.

Minute 5 – Approval of Minutes

A. Board Meeting Open Session Minutes – December 17, 2018

Upon Motion of Mr. Hay, Second of Mr. Albano, the Minutes of the December 17, 2018 Meeting (Open Session), were approved by the following roll call vote:

Roll Call Vote:

| | | | |
|---------------------|--------|---------------------|--------|
| Todd Hay | Yes | Peter Stires | Yes |
| Louis Esposito, Jr. | Absent | Randy Smith | Yes |
| Philip Petrone | Yes | Michael Impellizeri | Yes |
| Edward Machala | Yes | Gail Quabeck | Yes |
| Steven Mlenak | Yes | Robert Albano | Yes |
| Richard Mathews | Yes | Joseph Lifrieri | Absent |
| | | Carolann Garafola | Yes |

B. Board Meeting Closed Session Minutes – December 17, 2018

Upon Motion of Mr. Machala, Second of Mr. Smith, the Minutes of the December 17, 2018 Meeting (Closed Session) were approved by the following roll call vote:

Roll Call Vote:

| | | | |
|---------------------|--------|---------------------|--------|
| Todd Hay | Yes | Peter Stires | Yes |
| Louis Esposito, Jr. | Absent | Randy Smith | Yes |
| Philip Petrone | Yes | Michael Impellizeri | Yes |
| Edward Machala | Yes | Gail Quabeck | Yes |
| Steven Mlenak | Yes | Robert Albano | Yes |
| Richard Mathews | Yes | Joseph Lifrieri | Absent |
| | | Carolann Garafola | Yes |

Minute 6 – Public Hearings – NONE

Minute 7 – Public Participation – NONE

Minute 8 – Consent Resolutions for Consideration and Possible Formal Action

- (1) **Resolution 19-0128-1** - Resolution Authorizing the Reissuance of a Non-Domestic Wastewater Discharge Permit to Rebtex LLC
- (2) **Res. No. 19-0128-2** – Sewer Extension Resolution – One Proposed and Two Existing Single-Family Dwellings. Block 222 Lots 33, 34, 37 & 38
- (3) **Res. No. 19-0128-3** – Resolution Appointing Brown & Brown Metro, Inc. as Risk Management Consultant

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

| | | | |
|---------------------|--------|---------------------|--------|
| Todd Hay | Yes | Peter Stires | Yes |
| Louis Esposito, Jr. | Absent | Randy Smith | Yes |
| Philip Petrone | Yes | Michael Impellizeri | Yes |
| Edward Machala | Yes | Gail Quabeck | Yes |
| Steven Mlenak | Yes | Robert Albano | Yes |
| Richard Mathews | Yes | Joseph Lifrieri | Absent |
| | | Carolann Garafola | Yes |

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

Minute 9 – Board Committees –

A. Planning Committee:

- a. Mr. Machala reported that the Planning Committee met prior to tonight’s meeting. With respect to the Report on Revised proposal from Kleinfelder for Engineering Services during construction of the SCTF project, we are going to recommend that this project be looked at by the Finance Committee. We feel that it is good for the Finance Committee to review it. We also took a brief tour of the new Mercury Control System which looks like a very good construction job. He wants to compliment Mr. Anastasio and his staff for doing a very good job coordinating that. We’ve gotten to the finish line without any major stumbling blocks and it was a very complex project. It was good to see the outcome of that project. On a note of “more work to do”, we saw some of the older control panels in that building that haven’t been updated and unfortunately, with something like that, it is only as strong as its weakest link and some of those panels are in very precarious condition and are very old and the wiring is like a birds nest. Seeing it really made us realize what a mess it is back there. If someone were to have a problem it could take them days to try and find the right wires. We are going to probably recommend looking into replacing some of those control stations which haven’t already been replaced with the rest of the project.

Mr. Anastasio commented that tonight we just wanted to take a brief look with the Planning Committee. A picture is worth a thousand words and some of this stuff is better

to see in person to see how aged and decrepit some of this equipment is. Our job is to scope out some of this work that we want to do, where we will scope out the engineering side and also a general scope of the construction. We will break down this work into several smaller projects we need to do to really finish off the incinerator system. I mentioned to the Planning Committee that we really have to keep in mind that it costs us \$250,000-\$275,000 per month to haul sludge if we ever went down. Some of the things we looked at tonight, which Mr. Machala referred to as the control panels, we could go down for any number of reasons. You could grab a random wire and it could take the whole system out. Every parameter has to be logged continuously. We log one-minute data now with a computer system. We have integrated some computer into it but really we need a full-blown modern control system. That one is from 1990 and it is very antiquated. We are probably the one facility in the State that uses a lot of strip charts and paper charts to record things. It is computerized now. We spent a lot of money to enhance that system and everything turned out great. We just need to finish off and do a few small key projects.

Minute 10 – Chairperson – No Comments

Minute 11 – Reports

A. Executive Director’s Report

1. Update on SSO Project

Mr. Anastasio indicated that on another table in the room, we have a stack of plans and specs. We’ve been selling them like hotcakes. The project went out to bid on January 28th. We advertised it on January 25th and we had people here on the 28th and 29th purchasing specs. We already have 10 of 11 contractors who have purchased plans. We have a pre-bid meeting on February 6th and we expect a very good turnout for that. We may see some new faces there. Some vendors have also come in to look at the plans. It is a very hot project. The scheduled bid opening is February 26th, and we’ll see if that holds. If we get some questions in writing, which may cause us and the engineers to go back and look at something, we may need to change something and we would issue an Addendum, which is all under Local Public Contracts Law. Sometimes it has the effect of bumping the bid opening date back, but as of right now it’s the 26th. It is a pretty tight schedule but we need to get it awarded to we can secure our financing. It took the State a little longer to give us the authorization to advertise, which took a week and a half, which is record time but we want to get this awarded.

Bridgewater signed off on our subdivision so we are now in the process of working with the County to actually have the land closing so that we get the land in our name. Brent Carney and I are working with the County representative and County Counsel on that. I told him I’d like to get that done by the end of the month and it seems very doable.

As we all know, the ACO has been signed and executed and we’ve moved on from that. At the last Board meeting, we spoke about the ACO in closed session and Steve Mlenak had a good suggestion about a “cheat sheet”, a list of tasks that we are required to do. That memo is in the front of the report section. Ms. Quabeck stated that was a good idea. Somerville has a

corresponding one which is entire different than ours because they have things like replacing a sewer main on a certain street, check all of the downspouts, and all sorts of repairs.

2. Update on Incinerator Project

Mr. Anastasio indicated that we are buttoning up a couple last minute things but that project went really well. We are getting ready to close it out. I think I mentioned at the last meeting that there is an expansion joint that was installed in one run of ducts. Fortunately it was accessible at ground level. It turns out we had a leak in there. There are acids in the gas and they had condensed out and ate through some of the metal and we had an air leak. The air contains ash from the incinerator and it became a problem. We, along with CDM Smith and Hankin came up with a solution that we put a piece of pipe in there and we had Iron Hills do that. We are going back and forth with Hankin now as to the level of responsibility by them versus us. We are looking to put it all on them. It is about \$20,000 item. The pipe is 42" in diameter on the outside. It sounds like a lot of money but it is a lot of work to do this. Iron Hills does a great job. We were only down for five days and we had to haul very little sludge, which worked out well. We are back up and running as of tonight. We're just finishing up paperwork and will have the final change order with Iron Hills to close things out and we are going to zero out the job.

We got the results from our stack tests. Karl Monninger said we passed everything. He is looking at the final reports, which we just received, and they have been sent to the regulatory agencies. It's nice to know we built this thing and it works, which is a good thing. It removes a tremendous amount of mercury. We never know how much mercury is in the gas at any one moment of time, it's not a real-time monitoring thing, but during the test it removed a significant amount, like 90%, of it. We are happy with the outcome.

Mr. Albano asked when the incinerator is up and running, we should have an "open house". I've had two Bridgewater councilmen and the mayor express an interest in seeing this. A little bit of good PR for us. Ms. Quabeck indicated she'd like to see it as well.

Also, Mr. Albano asked what we do with precipitate out of the stack, mercury and whatever else. Mr. Anastasio indicated we are stripping the mercury out. Mr. Albano asked what we do with the mercury. Mr. Anastasio indicated that it gets absorbed by the carbon and when it becomes saturated, and we'll monitor the amount of carbon that's saturated with mercury, there's ways to do actual samples on the mercury and there's ways to sample the gas at different levels. When we're within a certain limit of saturating it, we'll change it out. It takes about a day to do this. It gets sucked out by a truck and then gets loaded in sacks. I think there's 11 tons of carbon. We will replace the spent carbon. The mercury is in this carbon, and it gets disposed of as hazardous waste at a hazardous waste landfill. It is the safest thing. If you remember a few years ago, we had an experience when we demolished the carbon towers. There was some residual carbon that we chose to dispose as a hazardous waste. Mr. Impellizeri asked that when they dispose that, does it get tracked. Yes, it is hazardous waste in a hazardous waste landfill and they would look at the volume we put in versus the total volume. We get that that percentage of the cost. There is de minimus quantities exclusion also. The volume of carbon would be a minimal amount. As of now, we don't know how often the carbon changes will be because it is new. We don't know of

anyone who has changed the carbon. I hear it lasts 10 years, 3 years, a variety of times, which will depend on a lot of things. We have 6 months on it already. Also, I want to say kudos to the staff. They have learned it very well as to how to supervise it. Our workforce has some a great job as well. Karl Monninger trained everyone and it was accepted very quickly.

Lastly, we had extreme cold last week. Saturday night we had a main sludge line for the final part of the treatment plant rupture. This pumps all of the sludge up to the blend tank which you've heard about, which sends it to the incinerator. We were spewing out sludge onto the ground. I want to congratulate the staff, they caught it quickly. The liquid division staff shut it down and did what they had to do to contain the situation. Everyone worked perfectly with how an incident situation works. They contacted the on-call supervisor, as well as the other supervisors and Sherwin, and we had our guys come in and made the repair and cleaned it up. We called it into DEP. It started around 5:30pm and they were done by 3am. Tony was very pleased with how well the guys did and how everyone worked together. I just want to thank them for their service. This is what we get paid for and it doesn't happen every day. But when it happens, we're on it and have a great team here.

We think it may have been the cold weather but we also talked about replacing this and other sections and explore lining this pipe. It is almost 40 years old and it works every day, like a water main. Last May, the power company struck a pipe and we had a similar incident in the same area. We got a look at the pipe material and we were told that it is getting pretty thin. This specific was due to cold so we need to put this on our capital projects list. We need to line the pipe and make certain changes where it is exposed out of the ground. The whole plant is getting old at the same time.

Mr. Albano questioned Tony Tambasco that in his report he indicated that they replaced a 4" pipe in #1 grit channel with stainless steel versus iron. Tony did not know the different in cost readily available. Often times people use the cheap stuff but you pay for it in the end. Tony indicated in those conditions, it should be stainless. It is labor intensive to get to it so we make every enhancement as best we can. We fabricate everything in house so it keeps the cost down.

B. Engineer/Consultants – Thomas Laustsen, P.E. (CDM Smith) Engineer's Report for December 2018.

C. Attorney – Absent

D. Department Reports –

- (1) Operations
- (2) Laboratory
- (3) Maintenance/Electrical
- (4) Special Projects

E. Facility Engineer Reports –

- (1) Capacity Allocation
- (2) Capacity Assurance
- (3) Monthly Flow Report
- (4) Facility Engineer's Monthly Report

Minute 12 – Communications

- A. NJDEP, Division of Water Quality; Residual Transfer Report; Re: Reporting Period: 11/01/18 through 11/30/18
- B. NJDEP, Division of Water Quality; Surface Water Discharge Monitoring Report; Re: Reporting Period: 11/01/18 through 11/30/18
- C. NJDEP, Division of Water Quality; Residuals Transfer Discharge Monitoring Report; Re: Reporting Period: 11/01/18 through 11/30/18

Minute 13 – Res. No. 19-0128-4 – Payroll

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

Roll Call Vote:

| | | | |
|---------------------|--------|---------------------|--------|
| Todd Hay | Yes | Peter Stires | Yes |
| Louis Esposito, Jr. | Absent | Randy Smith | Yes |
| Philip Petrone | Yes | Michael Impellizeri | Yes |
| Edward Machala | Yes | Gail Quabeck | Yes |
| Steven Mlenak | Yes | Robert Albano | Yes |
| Richard Mathews | Yes | Joseph Lifrieri | Absent |
| | | Carolann Garafola | Yes |

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

Minute 14 – Cancelled Check(s) – None

Minute 15 – Bills – Res. No. 19-0128-5

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

Roll Call Vote:

| | | | |
|---------------------|--------|---------------------|-----|
| Todd Hay | Yes | Peter Stires | Yes |
| Louis Esposito, Jr. | Absent | Randy Smith | Yes |
| Philip Petrone | Yes | Michael Impellizeri | Yes |

| | | | |
|-----------------|-----|-------------------|--------|
| Edward Machala | Yes | Gail Quabeck | Yes |
| Steven Mlenak | Yes | Robert Albano | Yes |
| Richard Mathews | Yes | Joseph Lifrieri | Absent |
| | | Carolann Garafola | Yes |

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

Minute 16 – Res. No. 19-0128-6 – Resolution Authorizing Closed Session for the purpose of Discussing the Professional Appointments for 2019 (Personnel Matters)

Upon Motion of Mr. Mlenak, Second of Mr. Stires, at 7:53 p.m., the above Resolution was approved by the following roll call vote:

Roll Call Vote:

| | | | |
|---------------------|--------|---------------------|--------|
| Todd Hay | Yes | Peter Stires | Yes |
| Louis Esposito, Jr. | Absent | Randy Smith | Yes |
| Philip Petrone | Yes | Michael Impellizeri | Yes |
| Edward Machala | Yes | Gail Quabeck | Yes |
| Steven Mlenak | Yes | Robert Albano | Yes |
| Richard Mathews | Yes | Joseph Lifrieri | Absent |
| | | Carolann Garafola | Yes |

Minute 17 – Motion to Continue in Open Session

Upon Motion of Ms. Quabeck, Second of Mr. Albano, the meeting reconvened in Open Session at 7:55 p.m. by the following roll call vote:

Roll Call Vote:

| | | | |
|---------------------|--------|---------------------|--------|
| Todd Hay | Yes | Peter Stires | Yes |
| Louis Esposito, Jr. | Absent | Randy Smith | Yes |
| Philip Petrone | Yes | Michael Impellizeri | Yes |
| Edward Machala | Yes | Gail Quabeck | Yes |
| Steven Mlenak | Yes | Robert Albano | Yes |
| Richard Mathews | Yes | Joseph Lifrieri | Absent |
| | | Carolann Garafola | Yes |

Minute 18 – Adjournment

Upon Motion of Mr. Mlenak, Second of Mr. Stires, the meeting was adjourned at 7:56 p.m. by the following roll call vote

| | | | |
|---------------------|--------|---------------------|--------|
| Todd Hay | Yes | Peter Stires | Yes |
| Louis Esposito, Jr. | Absent | Randy Smith | Yes |
| Philip Petrone | Yes | Michael Impellizeri | Yes |
| Edward Machala | Yes | Gail Quabeck | Yes |
| Steven Mlenak | Yes | Robert Albano | Yes |
| Richard Mathews | Yes | Joseph Lifrieri | Absent |
| | | Carolann Garafola | Yes |

**NEXT REGULAR BOARD MEETING WILL BE HELD ON
FEBRUARY 25, 2019**