



The
Somerset Raritan Valley
Sewerage Authority

**MINUTES OF THE 821st MEETING
THE SOMERSET RARITAN VALLEY SEWERAGE AUTHORITY
February 2, 2015
(Rescheduled from January 26, 2015)**

Minute 1 - Opening of Meeting

The 821st Meeting of the Somerset Raritan Valley Sewerage Authority was called to order at 7:45 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

Todd Hay	Present	Richard Mathews	Present
Richard DeLuca	Present	Michael Merdinger	Present
Carlos Mosquera	Absent	Joseph J. Lifrieri	Present
Philip Petrone	Present	Michael Impellizeri	Present
Edward Machala	Present	Gail Quabeck	Absent
Carolann Garafola	Absent	Robert Albano	Present
Steven Mlenak	Present	Peter Stires	Present

Professional Staff

Ronald Anastasio, P.E., Executive Director
Sherwin Ulep, P.E., Facility Engineer
Anthony Tambasco, Plant Superintendent
Michael Ingenito, Supervisor-Wet End
Thomas Laustsen, P.E., CDM Smith, Consulting Engineer
Andrew Brewer, Esq., Maraziti Falcon, General Counsel
Peter Wozniak, Chief Financial Officer
Linda Hering, Administrative Assistant

Others

Anamia Myhre, Regulatory Compliance Officer

Minute 4 - Pledge of Allegiance

All in attendance saluted the flag.

Minute 5 - Approval of Minutes

a. 820th Meeting - December 22, 2014 - Regular Session

Upon motion of Todd Hay, second of Joseph Lifrieri, the Minutes of the 820th Meeting (Regular Session) were approved by the following roll call vote:

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

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

b. 820th Meeting - December 22, 2014 - Closed Session

Upon motion of Todd Hay, second of Robert Albano, the Minutes of the 820th Meeting (Closed Session) were approved by the following roll call vote:

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

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

Minute 6 - Public Hearing(s) - (Including Public Notice/Support Information)

Upon motion of Mr. Albano, second of Mr. Machala, the Public Hearing was Opened by the following roll call vote:

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

Seeing no one from the public, upon motion of Mr. Albano, second of Mr. Machala, the Public Hearing was Closed by the following roll call vote:

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

a. Res. No. 15-0202-23 - Resolution Authorizing the Initial Issuance of a Non-Domestic Wastewater Discharge Permit to LifeCell Corporation

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

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

b. Res. No. 15-0202-24 - Resolution Authorizing Payment to Gannett Fleming for Additional Engineering Design Work to the Hypochlorite Tank Replacement Project

Mr. Albano had questions regarding the description of need for this additional payment. Executive Director Anastasio indicated that when we got the initial quotes for the original engineering work, it was simply to replace the three (3) tanks and remove and replace the wall sections, which we refer to as the "knock out". We were originally going to take it out of the side of the building with one of those knock-outs that didn't have any piping in the way. Once Gannett Fleming was on board, we realized that it had to come out of the front of the building and there was a lot of piping that had to be redone. Also, when our plant personnel took a closer look at the piping, they realized that all of it had taken a beating from the chemicals in 15 years and we decided to expand the scope and replace all of it. We spent a lot of time going back and forth about this and we think this is a good value. Mr. Hay asked what the basis is for the 50% split of the charges. Executive

Director Anastasio indicated that we knew there was some inefficiency in their delivery of the services but we were thinking it was less than that. They offered to split the actual cost 50/50 so we recommended that we go forward.

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

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

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

c. Res. No. 14-0202-25 - Resolution Awarding the Proposal for Asbestos Safety Control Monitoring (ASCM) Services to USA Environmental related to the Steel Structure Demolition of Decommissioned Treatment Facility Project

Discussion ensued regarding the need for this monitoring service. Executive Director Anastasio indicated there was asbestos present on some of the hatches of the incinerators for the carbon towers. There is not a lot but any little amount is cause for proper disposal. Upon Motion of Mr. Merdinger, Second of Mr. Machala, the above resolution was approved by the following roll call vote:

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

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

d. Res. No. 15-0202-26 - Resolution Authorizing the Executive Director, Chief Financial Officer and Facility Engineer to attend the AEA Utility Management Conference in Atlantic City March 10-11, 2015.

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

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

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

Minute 7 - Public Participation - Seeing no one from the public, the Public Participation Portion of the meeting was Closed.

Minute 8 - Board Committees

a. Planning Committee (LIFRIERI, Garafola, Impellizeri, Machala, Merdinger)

Mr. Lifrieri indicated there was a Planning Committee meeting on January 29, 2015 and there were three main topics discussed. The first was Gore Technology for the removal of mercury. The second was the contract for the hauling and disposing of sludge and the third was the replacement of existing aeration blowers in order to achieve some energy savings.

First, we all had high hopes with respect to the Gore Technology but it turns out that with the guarantees, etc., the cost of the Gore system was comparable to that of the carbon based mercury removal systems that have been around for some time. It was the Committee's feeling that if we were "guinea pigs", we weren't going to do it for the same price as a tried and tested system. We asked the Executive Director to go back to Gore and relay that to them, telling them that we were interested in their system. It may turn out to be more efficient and less costly when we actually try it, but at this point, they are not willing to guarantee it. Executive Director Anastasio stated that nothing has come of it yet but we should meet again before the February 23rd Board meeting, and see if we can finalize this issue. He plans to reach out to Gore Technology this week and have this conversation to see if there is

more of an incentive to be one of the first authorities to do a mercury removal system of this scale. The prior systems have been more in the way of a polishing, where we have a higher level of mercury to remove. There were a few other questions the Committee asked him to run down and we'll see where we're at by the time we meet again, and will report back to the Board. Essentially, unless EnviroCare comes up with a good incentive, it looks like it's going the other way.

The second item was a contingency contract for the FY2016 hauling and disposal of sludge. The Planning Committee was all in agreement that this is something we need to do in case the incinerator breaks down. Executive Director Anastasio indicated there is a March 2016 deadline for having the mercury system in place. We will not have it in place by that time and a number of other authority incinerators won't as well. Not knowing if the deadline will be extended, it is prudent to have a contract in place as a contingency.

The third item was the replacement of the existing aeration blowers. Tom Laustsen, P.E., from CDM Smith gave a presentation to the Committee with regard to a more efficient, newer blower system that could save up to 60% of our energy for the blowers. Executive Director Anastasio indicated that our current blowers run one at a time. One blower alone uses 63% of our electricity for this entire plant. We spend about \$1.8M on electricity. They are from 1955 and they are top quality machines and could probably run 100 years. However, they use a lot of electricity and we project that there is a decent energy savings to be gained there from going with a monitored style blower and variable speed technology as well. This came up because of talk of the energy resilient bank in the State, as well as the SmartStart Program, so we thought that it would be good to talk about it and embark on a small study to evaluate what the savings would be. We will have more for the Planning Committee and have requested Mr. Laustsen to take a closer look at giving us a proposal. We've discussed this over the years and expect that this project could finance itself, figuring borrowing through the trust, so we'll start to take a closer look at this. Mr. Hay asked if this is part of the clean energy program initiative that was just opened up to all the treatment plants. Executive Director Anastasio indicated it could be. That is one avenue, SmartStart is another, but they cannot be combined; it is one or the other. Mr. Laustsen indicated there are a lot of obstacles and challenges to that program but the SmartStart program is more of a rebate-type program. Mr. Hay explained that with the ERB program, you can take the capital investment, finance it over the long-term with an energy supplier, and can get the incentive check back. At least you'll have a model period where your payback period is less. Executive Director Anastasio explained that there was an article in

the WEF magazine about it. It may be something we should start taking a look at and see what monies were available.

Mr. Lifrieri indicated that the blowers that we have now could have a 100 year life. The newer blowers have a 10 year life, but they wouldn't cost as much to replace. Mr. Laustsen stated they are not as robust. Executive Director Anastasio indicated that if we did a study, it is conceivable that we could cut our energy cost to 1/3 of the 63% we currently use for the blowers, which is a lot of money.

Chairman Stires indicated that the next step in that project would be to get a formal proposal from CDM Smith.

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

(1) Res. No. 15-0202-27 - Resolution Endorsing and Approving Permanent Status of Timothy Wojcicki as Liquid Division Operator

Mr. Petrone indicated that we recently had a vacancy due to the retirement of Arthur Wildgoose. The job was posted, with three (3) employees indicating their interest in the position. Based on the recommendation of Anthony Tambasco, Plant Superintendent and Michael Ingenito, Chief Plant Operator, the Committee recommends for the permanent status of Timothy Wojcicki as an Operator for the Liquid Division. He served his 30 day probationary period, and he worked out well and it is recommended that he be given the opportunity. He has the qualifications to fulfill the job. Mr. Petrone thanked Mr. Tambasco and Mr. Ingenito for keeping an eye on the employees and giving us a lot of depth with the staff.

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

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

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

(2) Chairman Stires indicated that there would be upcoming negotiations for the labor contract. They will be handled by Mr. Petrone and Ms. Quabeck. Executive Director Anastasio stated that he is planning on setting up the first meeting sometime in March. This is the last year of our current contract so we typically start negotiating by sitting down nine months ahead of time.

c. CHAIRPERSON

No further report.

Minute 9 - Reports

a. Executive Director's Report

(1) Update on SCTF (Storm Control Treatment Facility)

Executive Director Anastasio reminded everyone that we spoke about this matter at the December 19th Board meeting. Copies of the package that we submitted to the NJDEP are available for review. It includes our Alternatives Analysis which contains reports from Kleinfelder and CDM Smith, a Waste Load Allocation Study, and a Hydraulic Study of the sewer system. Everyone is welcome to take one and review the report and return it when you are done. We are still waiting on a meeting with the NJDEP. We reminded them that we are looking to get together very soon. At this point, we have done everything that is required under the first ACO. On March 31, 2015, the current ACO expires, if not before (due to mutual agreements). We are ready to get the ball rolling on the next ACO as there are things that need to continue. We are still working on a couple tweaks of the Green Acres related issues and our Archeologist Report is completed and is being reviewed now. That will be submitted to the State shortly. We don't have any further work on Lot 13, which is the main parcel. We are looking at the neighboring lot (Lot 12) which is owned by the Borough of Somerville. There is an existing sewer line which we need to tap into to divert Somerville sewage flow from and we may need to take a little bit of Green Acres land there that may involve some archeology work. We are talking about 100'x100' or less, and that would be an easement not an ownership in fee situation. It is a lower set of requirements from Green Acres. Things are on hold until we hear from the State. A question was raised about what happens if the ACO expires, is it a holdover or carryover? Executive Director Anastasio indicated that it is our intention to sit down with them before it expires and have a mutual agreement to continue. He believes the ACO terminates, as do the conditions in it, including Treatment Works Approvals. We really need to have the meeting but the staff is buried with SSO issues. Jim Cosgrove is working on setting up a meeting for some time this month.

(2) Update on Hypochlorite Tank Replacement Project

Facility Engineer Sherwin Ulep indicated that just today, we received the last two tanks from Justin and hopefully they will be installed by Thursday or Friday of this week. There have been a couple of delays, with the holidays and the weather, as well as the actual manufacturing of the tank themselves. We are hoping that by next week things will progress more expeditiously, if the weather cooperates. It should take a couple more weeks to finish everything.

(3) Update on ACCO Carbon Tower Demolition Project.

Facility Engineer Ulep brought the board up to date on this project. The contractor performed a hazardous materials survey last week. They are hoping to receive the results later this week and by February 9th, they are scheduled to do the asbestos abatement and other hazardous materials abatement. Once abatement is completed, we will move forward with the demolition of the incinerators and the removal of the ash and bricks. This project is on schedule. Mr. Albano asked when the towers will actually go down. Executive Director Anastasio stated the contract is for 150 days so we are looking at early May.

(4) Update on Resignation of Commissioner

Executive Director Anastasio informed the Board that Mr. Mosquera from Warren Township is resigning from the Board. He phoned a few weeks back and indicated the Warren Township Committee had asked him to Chair the Warren Township Sewerage Authority, where he is also a member. Given his schedule, he told the Warren Township Committee that he could only be on one Board and told them to choose which they want him to serve on. They elected to have him Chair the Sewerage Authority in Warren. He respectfully resigns from the Board and was happy with the direction things are going here and felt he could move on with a clear conscience. Warren Township Sewerage authority will be appointing a new member at their February Regular Meeting so we should hear from a new person soon.

- b. Engineer/Consultants** - Thomas Laustsen, P.E. (CDM Smith) Engineer's Report for December 2014 - No additional comments.

- c. **Attorney** - Joseph J. Maraziti, Jr., Esq., Maraziti Falcon, LLP - No additional comments.

- d. **Department Reports** - See comments below regarding Operations Report.
 - (1) Operations (3) Maintenance/Electrical
 - (2) Laboratory (4) Special Projects

- 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: 11/1/14-11/30/14
- b. NJDEP, Division of Water Quality; Surface Water Discharge Monitoring Report; Re: Reporting Period: 11/1/14-11/30/14
- c. NJDEP, Division of Water Quality; Residuals DMR; Re: Reporting Period: 11/1/14-11/30/14

Minute 11 - Payroll (Res. No. 15-0202-28)

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

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

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

Minute 12 - Cancelled Checks - None

Minute 13 - Bills (Res. No. 15-0202-29)

Upon motion of Mr. Lifrieri, second of Mr. Albano, the above resolution as amended, was approved by the following roll call vote:

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

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

Minute 14 - Adjournment

Upon a motion of Mr. Hay, second of Mr. Lifrieri, the meeting was adjourned at 8:11 p.m. by the following roll call vote:

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