

ATLANTIC COUNTY UTILITIES AUTHORITY

April 18, 2019 – 3:00 PM

6700 Delilah Road, Egg Harbor Township, NJ

PRESENT FOR THE AUTHORITY

Marvin Embry	Chair
Fred Akers	Member
Paul Rosenberg	Member
John Lyons	Member (by phone)
Judy Ward	Member
Richard Dovey	President
Brian Lefke	Senior Vice President Solid Waste & Authority Secretary
Joseph Pantalone	Vice President Wastewater
Linda Bazemore	Vice President of Adm. & Finance/CFO
Thomas Ganard	Chief Engineer
Matt DeNafo	Vice President of Centralized Maintenance & Asset Management
Gary Conover	Solid Waste Director
Joseph Weber	Wastewater Operations Director
Rick Thomas	Purchasing Manager
Gregory Seher	Senior Project Analyst
Kevin Whitney	Project Analyst
Patricia Keeper	Assistant Board Secretary

ALSO PRESENT

Raymond Went, Esq.	Nehmad, Perillo & Davis
James Ferguson,	County Counsel
William Hiller	Associated Wastewater Services, LLC

Chairman Embry called the meeting to order at 3:00 p.m. and announced that the notice of the 2019-2020 Meeting Schedule was mailed to the Atlantic City Press, The Daily Journal, The Clerk of Atlantic County, and The Clerk of The Atlantic County Board of Chosen Freeholders on February 22, 2019 in compliance with the Open Public Meetings Act, NJSA 10:4-6, *et seq.* and it was posted on the bulletin board of the Atlantic County Utilities Authority in the administration building.

Flag Salute

Roll call was taken by Brian Lefke which reflected a quorum was present.

Chairman Embry	present
Peter Sarkos	absent
Fred Akers	present
Andrew Berenato	absent
Paul Rosenberg	present
John Lyons	present (by phone)
Judy Ward	present

APPROVAL OF THE MINUTES OF THE MARCH 21, 2019 REGULAR MEETING AND THE MARCH 29, 2019 SPECIAL MEETING – voted on and approved by all members.

BOARD COMMITTEE REPORTS: None.

BOARD COMMENT: Mr. Akers commended the ACUA Newsletter. He said that it was very well written and very informative, and everyone should take the time to read it.

PUBLIC COMMENT: None.

NEW BUSINESS: Wastewater Operations Management Plan Presentation by Joseph Pantalone. He presented a "Goals & Objective Report Card" (attached). He explained the National Biosolids Program, Maintenance issues, Pay-Go Capital, Existing & Upcoming Trust Projects and Research & Development initiatives and the Headworks. He extended the invitation to tour the facility any time.

Mr. Dovey invited all to attend the ACUA Earth Day Celebration on Sunday, April 28th.

OLD BUSINESS: None.

ALL RESOLUTIONS APPROVED.

RESOLUTION COMMENTS:

Resolution 19-4-114: Authorizing payment of the Authority's portion of H2S Treatment System Media Changeout Project to AC Landfill Energy, LLC. Amount is \$232,013.83.

Explanation: The Authority's portion of total cost (61.6%) is based on LFG flow rates and current Air Permit limits.

The meeting was adjourned at 3:45 p.m.

Respectfully submitted,



Brian Lefke
Board Secretary

MAINTENANCE

Hose sets for new pumps	Acquired
Wire set for new portable generators	Acquired
Next Round RAS screw repair	Complete
EM3 Repair	Complete
Obtain and out-fit safety equipment trailer	In progress
Aeration Basin #6 Rehab Spare parts	In progress
Acquire and construct lab storage facility - then move supplies to same	Shed delivered - moving of materials ongoing
Purchase 4 additional Air relief Valves ultimately to be installed on Effluent line	CM Issue - Working on it
Shroud and brackets for A-Fan before roof can be repaired	CM Issue - Not resolved
Call back Roof Contractor to fix roof around pad after A fan is repaired	CM Issue - Not resolved
Seal leaks in TAS and second floor B building curbing	CM Issue - Not resolved
Emergency Lighting at Bldg. A and B	On hold until WW renovations completed
Fire Inspection list	On hold until 2019

PAY-GO CAPITAL

WW office roof replacement	Complete
Platform to inspect effluent line	Complete
A-Scrubber project	Complete
Aeration Grating	Complete
Secondary DRPCC Containment	Complete
Headworks/Primaries Electrical work	Complete
UST Removal at Fuel Island - Contamination clean-up	Complete - sample wells to be added for monitoring
Macerator Phase 2 and 3	Complete
WW Furniture upgrades	Complete
Seaview PS By-Pass	Complete
New Chlorine Analyzer	Complete
Consider change out PLC purchased for headworks project with new models	Will not be done.
Control/SCADA interface for new headworks equipment	In progress
Ancillary portions of Headworks Project	In progress
Effluent Pipe Painting	2019
Polymer system upgrade for Dewatering Centrifuges	2019
Pump House Soffit Repair	2019
A Weigh Belt	On Hold
RAS Meter/By-Pass	Bids too high - 2019 Discussion

EXISTING TRUST PROJECTS

Portable Emergency Generators	Acquired
Emergency Refueling Roll off truck	Acquired
Emergency Power	Complete
Sewer Sludge Incinerator Improvements	Complete
Bar Screens (Maint.)	66% complete
Portable Inflatable Barriers	Bid awarded - not yet received
Seawall	95% complete

UPCOMING TRUST PROJECTS

Replacement of 30" influent line from Bader field and across channel	In design
Brigantine Force Main	Designed, permitted but not bid in late 2018 due to other pressing projects

RESEARCH AND DEVELOPMENT INITIATIVES -LONG RANGE PLANNING

IN-HOUSE

Remodel restroom/Locker Room at WW	Interim restroom upgrade completed
Underground storage tank removal at Pump Stations	Comprehensive Report commissioned - not action on report
Repaint B- Building	Scoping only
Emergency Generator set at Pleasantville PS	2019
Pump Hse - Hydraulic System	Only preliminarily discussed
Strategic Pipeline Inspections	not started
Comprehensive design for plant paving/drainage so we can phase improvements when funds become available.	not started
Heater in Weigh Belt area - Instead of fixing - divert heat.	not started
EQ Spillway	not started
Increasing capacity of EQ basin by getting rid of 3 wash down pumps w/ 3 submersibles (1800 gpm now)	not started
Sludge Barn drain	not started
Sink holes around primaries	not started
Primaries -Separation of Scum from Primary Sludge	not started
Outfall line inspection	2019
Uniform storage area re-configuration	On Hold
Pump House Strainer relocation	not started

POSSIBLE NEED FOR CONSULTING ASSISTANCE

Replace Centrifuges with Rotary Presses/TAS Elimination/TWAS Tank rehabilitation or continuation with Centrifuge technology	Need TWAS tank upgrade before next trial. Looks like ruling out rotary press option. Trail not done in 2019
Aeration Basin Conversion to Diffused Air System	Had preliminary meeting with vendor - pricing/phasing plan/estimates under review. Low capital priority
Strategic and Phased PS upgrades - First priority Ventnor- Margate Station	Matt D working on comprehensive inventory for priority ranking
Comprehensive review of Pump Station Generator replacement needs	Part of the above
Evaluation of 42" Force Main coming into plant following Bader Field repair and possible separation of mainland flow	To follow Bader field repair
Rebuild/repair access road bridge	Proposal received for inspection.
Secondary Evaluation	Trying In-house measures first
What to do with leaks at Clarifier #2 and #4- influent column	
Effluent pipe leak in the marsh	not started

OPERATIONAL

Energy	KWH/MG
Reduce plant electricity consumption use below the 3 year average	Achieved
Reduce PS electricity consumption use below the 3 year average	Failed
Training/Succession	
Assure that at least 95% of all personnel have received mandatory training as per their job description	Completed
Fill vacant SS positions	Partially
Initiate training on 50% of the finalized SOPs.	Not completed
Safety	
Finalize confined space plan/evaluation	Completed
Maintain or reduce work days lost to work-related injury or illness below the 3 year average	1 lost days
3 year average - 2015- 126/2016 - 0/2017 - 0 = average 42	Easily achieved
Wet-End	
Maintain SVIs between 100 and 250 - 95% of the time (Text book is 80 to 120)	Achieved
Maintain Effluent TSS @ < 10 mg/l - 90% Of the time (Effluent permit requires < = 30 mg/l for monthly average & < = 45 mg/l for a weekly average)	Achieved
Maintain Effluent CBOD @ < 10 mg/l - 90% Of the time (Effluent permit requires < = 25 mg/l for monthly average & < = 40 mg/l for a weekly average)	Achieved
Effluent quality to remain > 85% removal for both CBOD & TSS - 100% of the time (Effluent permit requires > = 85% removal for both)	Achieved
Effluent quality to remain > 95% removal for both CBOD & TSS - 95% of the time (Effluent permit requires > = 85% removal for both)	Achieved
Maintain Effluent Enterococci @ < 10 - *Colony Forming Units / 100 ML - 95% Of the time (Effluent permit requires < = 35 monthly geometric mean average*)	Achieved
Hypo to lower well < 20 days per year	No longer applicable
Hypo to aeration mixing box < 20 days per year	No longer applicable
Hypo to secondary D-Box < 20 days per year	No longer applicable
Polymer to Aeration Mixing Box < 20 days per year	No longer applicable
Biosolids	
Reduce Biosolids Incinerator auxiliary fuel usage below the 3 year average (Therms/dry tons)	Achieved
Maintain Title V emission compliance 100% of the time	Achieved
Improve ACUA dewatered cake to Winter-27%, Spring & Fall-28%, Summer-29%.	Winter Slipped Below 2%
OTHER	
Finalize SOPs initiated in 2017	Completed
Complete Permit Organizational and Notification Program/Implementation	Complete but being perfected
Complete Wet-End/Housekeeping forms to electronic tablet/Implementation	In progress

TO: Brian G. Lefke, Secretary
Atlantic County Utilities Authority

FROM: Honorable Dennis Levinson, Atlantic County Executive

RE: Minutes of Meeting – APRIL 18, 2019

I. The Minutes of the above referenced meeting were submitted pursuant to N.J.S.A 40:41A-37 et seq. on April 22, 2019.

- (a) by the end of the fifth business day following the meeting.
- (b) as soon as practicable following the meeting where emergency action has been taken.
- (c) beyond the statutory period for submission.

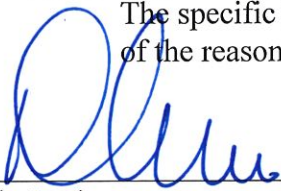
II. I hereby return the Minutes of the above referenced meeting to the Authority and to the Board of Freeholders, on the date set forth above, which is

- (a) within ten days of delivery.
- (b) within twenty-four (24) hours of delivery where the action at the meeting was deemed by the Authority to be in response to an emergency situation.


III. The following action is taken on the Minutes:

- (a) Approved in all respects.
- (b) Vetoed in all respects. A written explanation of the reasons for the veto is attached.
- (c) Approved in part and vetoed in part.

The specific items which are vetoed and a written explanation of the reasons for the veto or vetoes is attached.



Dennis Levinson
Atlantic County Executive

 4/23/19

James F. Ferguson, Esquire
Approved as to Form and Entry

Date:

cc: Sonya Harris, Clerk to the Board of Chosen Freeholders

ATTACHMENTS: Minutes
 Veto Message