CERTIFICATION

I hereby certify the attached to a true and correct copy of the unapproved Minutes of the February 21, 2017 adjourned Regular Meeting of the Camden County Municipal Utilities Authority. It is anticipated that these minutes will be adopted by the CCMUA's Board of Commissioners at the March 20, 2017 Regular Meeting.

Kim Michelini
Authority Secretary
THE CAMDEN COUNTY MUNICIPAL UTILITIES AUTHORITY
MINUTES OF THE REGULAR MEETING HELD ON FEBRUARY 21, 2017

The Regular Meeting of The Camden County Municipal Utilities Authority was called to order by Chairman Brennan at 6:00 P.M. The meeting was held at the Administration Building located at 1645 Ferry Avenue, Camden, New Jersey. On roll call, the Commissioners responded to their names as follows:

<table>
<thead>
<tr>
<th>Commissioner</th>
<th>Bresch</th>
<th>&quot;</th>
<th>YES</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Burley</td>
<td>&quot;</td>
<td>YES (departed mg at 6:30pm)</td>
</tr>
<tr>
<td></td>
<td>Cuffee</td>
<td>&quot;</td>
<td>YES</td>
</tr>
<tr>
<td></td>
<td>MacFarlane</td>
<td>&quot;</td>
<td>YES</td>
</tr>
<tr>
<td></td>
<td>Stokes</td>
<td>&quot;</td>
<td>YES</td>
</tr>
<tr>
<td></td>
<td>Swartz</td>
<td>&quot;</td>
<td>YES</td>
</tr>
<tr>
<td>Chairman</td>
<td>Brennan</td>
<td>-</td>
<td>YES</td>
</tr>
</tbody>
</table>

STAFF PRESENT:
Andrew Krieml, Executive Director
Wayne Planamento, Chief Financial Officer
Robert Cornforth, Director of O&M- Interceptors
Len Gipson, Director of O&M- Main Plant
Scott Schreiber, Director of Operations- Admin
Kim Michelini, Authority Secretary
Alisa Smith, Secretarial Assistant

CONSULTANTS:
Michael Watson, Esq. (Brown & Connery/Solicitor)
Robert Serpente, D&B/Guarino

OTHERS PRESENT:
Jay Murphy, BioAir Solutions
Timur Dunaer, BioAir Solutions
Metin Duran, PhD, Villanova University
Marty Judge, Esq., Flaster Greenberg PC

Chairman Brennan read the 'Chairperson’s Commencement Statement' acknowledging that proper notice of this Regular Meeting setting forth the date, time and place of the meeting has been prominently posted on (1) a public bulletin board located in the lobby of the Administration building (2) mailed to the Courier-Post and Inquirer and (3) filed with the Clerk of Camden County on February 17, 2016 as set forth in its annual schedule of meetings, in compliance with the Open Public Meetings Law.

REORGANIZATION:
OATH OF OFFICE TO APPOINTED AND/OR REAPPOINTED MEMBERS OF THE BOARD OF COMMISSIONERS

NOMINATIONS FOR CHAIRPERSON
A motion was made by Commissioner Bresch and seconded by Commissioner MacFarlane to nominate Michael G. Brennan to Chairperson. No other nominations were made.

NOMINATIONS FOR VICE-CHAIRPERSON
A motion was made by Commissioner MacFarlane and seconded by Commissioner Burley to nominate James Bresch to Vice-Chairperson. No other nominations were made.

NOMINATIONS FOR TREASURER
A motion was made by Chairman Brennan and seconded by Commissioner Cuffee to nominate Dorothy A. Burley to Treasurer. No other nominations were made.

A roll call vote was taken for all three positions, in which the Commissioners responded to their names as follows:

| Commissioner Bresch, Burley, Cuffee, MacFarlane, Stokes, Swartz | -YES (except James Bresch-ABSTAIN on Vice Chair) |
| Chairman Brennan | -YES (except for Chair-ABSTAIN) |
The motion was carried.

Resolution #R-17:2-18, electing a CHAIRPERSON, Michael G. Brennan, was adopted.
Resolution #R-17:2-19, electing a VICE-CHAIRPERSON, James Bresch, was adopted.
Resolution #R-17:2-20, electing a TREASURER, Dorothy A. Burley, was adopted.

Michael Watson, Esquire (Solicitor) administered the Oath of Office to elected officers.

ADOPTION OF MINUTES:
A motion was made by Commissioner MacFarlane and seconded by Commissioner Cuffee to adopt the Minutes of the Regular Meeting held on January 17, 2017. There being no question on the motion, a roll call was taken. On roll call, the Commissioners responded to their names as follows:

<table>
<thead>
<tr>
<th>Commissioner</th>
<th></th>
<th>Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>Commissioner Cuffee, MacFarlane, Stokes, Swartz</td>
<td>-</td>
<td>YES</td>
</tr>
<tr>
<td>Commissioner Bresch, Burley</td>
<td>-</td>
<td>ABSTAIN</td>
</tr>
<tr>
<td>Chairman Brennan</td>
<td>-</td>
<td>YES</td>
</tr>
</tbody>
</table>

The motion was carried.

OLD BUSINESS:
This matter was previously tabled by the Board, however, according to the CCMUA's Solicitor it is now ready for action by the Board. Branch Village Urban Renewal is planning to construct a series of facilities that they believe qualifies for a 50% reduction in the connection fee. Per the agreement, should the facility cease to qualify for the 50% reduction, the full connection fee amount is due the CCMUA. A motion was made by Commissioner MacFarlane and seconded by Commissioner Swartz to adopt Resolution #R-17:1-1, authorizing a contingency agreement between Branch Village Urban Renewal, LLC and the Camden County Municipal Utilities Authority pursuant to N.J.S.A. 40:14B-22.3. There being no question on the motion, a roll call vote was taken. On roll call, the Commissioners responded to their names as follows:

<table>
<thead>
<tr>
<th>Commissioner</th>
<th></th>
<th>Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>Commissioner Bresch, Burley, Cuffee, MacFarlane, Stokes, Swartz</td>
<td>-</td>
<td>YES</td>
</tr>
<tr>
<td>Chairman Brennan</td>
<td>-</td>
<td>YES</td>
</tr>
</tbody>
</table>

Resolution #R-17:1-1 was adopted.

EXECUTIVE DIRECTOR'S REPORT:

I) ITEMS FOR DISCUSSION:

A) Administration:

1) Environmental Management System- February 2017
Chairman Brennan acknowledged that the CCMUA recently received an award to which Mr. Kricun explained that the CCMUA was one of two U.S. utilities to receive the National Association of Clean Water Agencies 2017 Clean Water Utility of the Future, which is the preeminent award for the wastewater industry. The CCMUA received this award for its innovation, such as green energy, green infrastructure, community service and for plant performance, etc.

Chairman Brennan congratulated the staff and thanked them for their work while Mr. Kricun thanked the Board for their support, because without it, achieving such honors would be more difficult.

B) Engineering:

C) Legal:

D) Operations & Maintenance:

E) Finance:

1) Voucher Payment Resolutions - Report on Emergency Payments

II) INFORMATIONAL ITEMS:

A) Administration

1) Organizational Chart
B)  **Finance**  
1)  Collections Report for January 2017  
2)  Budget Review Report for January 2017  

Commissioner MacFarlane noted that the actual compared to the YTD budget looks good so far ($65,000 under budget). He asked how close the 2016 budget was to the actual to which Mr. Plamomento responded that the books for 2016 have not yet been closed out, but it appears that the CCMUA is approximately $400,000 over budget. Mr. Kricun added, that this is ½ percent over budget. The staff will present the Board with a final report regarding the 2016 Budget at its March 20, 2017 meeting.

Commissioner MacFarlane noted that this month’s sludge and waste figures are $20,000 over budget in 2017 to which Mr. Plamomento explained that this is due to increased quantities. Mr. Kricun and Mr. Cornforth explained that the CCMUA has been receiving more solids than usual and does not know why. Mr. Cornforth added that the amount of solids received in January 2017 is much higher than that received in the last 15 years of record keeping. The effluent and volume received has remained about the same, but the solids in the influent is greater. Chairman Brennan suggested that the staff contact other utilities to see if they are facing the same issue.


C)  **Operations & Maintenance:**  
1)  Del. No. 1 WPCF- Operations Report (December 2016)

**PUBLIC PARTICIPATION ON PROPOSED RESOLUTIONS:**  
**NONE**

**NEW BUSINESS:**  
A motion was made by Commissioner Bresch and seconded by Commissioner Swartz to adopt Resolution #R-17-2-21, designating schedule of meeting dates for the succeeding twelve months as required under the Open Public Meetings Act. There being no question on the motion, all Commissioners responded “Aye” in favor of none opposed.

Resolution #R-17-2-21 was adopted.

A motion was made by Commissioner MacFarlane and seconded by Commissioner Cuffee to adopt Resolution #R-17-2-22, designating two newspapers to receive notices. There being no question on the motion, all Commissioners responded “Aye” in favor of none opposed.

Resolution #R-17-2-22 was adopted.

A motion was made by Commissioner Bresch and seconded by Commissioner MacFarlane to adopt Resolution #R-17-2-23, designating Banks of Depository for user revenue. There being no question on the motion, all Commissioners responded “Aye” in favor of none opposed.

Resolution #R-17-2-23 was adopted.

A motion was made by Commissioner MacFarlane and seconded by Commissioner Swartz to adopt Resolution #R-17-2-24, designating Banks of Depository for investments. There being no question on the motion, all Commissioners responded “Aye” in favor of none opposed.

Resolution #R-17-2-24 was adopted.

A motion was made by Commissioner Bresch and seconded by Commissioner Swartz to adopt Resolution #R-17-2-25, designating Banks of Depository for its funds. There being no question on the motion, all Commissioners responded “Aye” in favor of none opposed.

Resolution #R-17-2-25 was adopted.

A motion was made by Commissioner MacFarlane and seconded by Commissioner Swartz to adopt Resolution #R-17-2-26, designating a Bank of Depository for investments for the payroll account. There being no question on the motion, all Commissioners responded “Aye” in favor of none opposed.
Resolution #R-17:2-26 was adopted.

A motion was made by Commissioner Bresch and seconded by Commissioner Cuffee to adopt Resolution #R-17:2-27, designating the custodians of and establishing an Imprest (Petty Cash) fund. Chairman Brennan noted that while the authorized petty cash limit of $1,000 seemed a bit high, he suggested that it be kept to a number less than that. There being no further question on the motion, all Commissioners responded "Aye" in favor- none opposed.

Resolution #R-17:2-27 was adopted.

A motion was made by Commissioner Bresch and seconded by Commissioner Swartz to adopt Resolution #R-17:2-28, authorizing the Executive Director to advertise for Bids for various items during FY 2017. There being no question on the motion, all Commissioners responded "Aye" in favor- none opposed.

Resolution #R-17:2-28 was adopted.

A motion was made by Commissioner Bresch and seconded by Commissioner MacFarlane to adopt Resolution #R-17:2-29, authorizing the execution of purchase orders between the CCMUA and vendors under the New Jersey State Cooperative Purchasing Program FY 2017. There being no question on the motion, all Commissioners responded "Aye" in favor- none opposed.

Resolution #R-17:2-29 was adopted.

A motion was made by Commissioner MacFarlane and seconded by Commissioner Cuffee to adopt Resolution #R-17:2-30, regarding the issuance of Requests for Proposals. There being no question on the motion, a roll call vote was taken. On roll call, the Commissioners responded to their names as follows:

<table>
<thead>
<tr>
<th>Commissioner</th>
<th>YES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Commissioner Bresch, Burley, Cuffee, MacFarlane, Stokes, Swartz</td>
<td></td>
</tr>
<tr>
<td>Chairman Brennan</td>
<td>YES</td>
</tr>
</tbody>
</table>

Resolution #R-17:2-30 was adopted.

A motion was made by Commissioner Cuffee and seconded by Commissioner Bresch to adopt Resolution #R-17:2-31, authorizing award of a contract to Centerpoint Associates for construction of the Cedarbrook Pump Station Odor Control System. There being no question on the motion, a roll call vote was taken. On roll call, the Commissioners responded to their names as follows:

<table>
<thead>
<tr>
<th>Commissioner</th>
<th>YES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Commissioner Bresch, Burley, Cuffee, MacFarlane, Stokes, Swartz</td>
<td></td>
</tr>
<tr>
<td>Chairman Brennan</td>
<td>YES</td>
</tr>
</tbody>
</table>

Resolution #R-17:2-31 was adopted.

A motion was made by Commissioner Bresch and seconded by Commissioner Swartz to adopt Resolution #R-17:2-32, authorizing an extension of the shared services agreement between the CCMUA and Camden County College for the provision of security guard services. There being no question on the motion, a roll call vote was taken. On roll call, the Commissioners responded to their names as follows:

<table>
<thead>
<tr>
<th>Commissioner</th>
<th>YES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Commissioner Bresch, Burley, Cuffee, MacFarlane, Stokes, Swartz</td>
<td></td>
</tr>
<tr>
<td>Chairman Brennan</td>
<td>YES</td>
</tr>
</tbody>
</table>

Resolution #R-17:2-32 was adopted.

A motion was made by Commissioner MacFarlane and seconded by Commissioner Swartz to adopt Resolution #R-17:2-33, authorizing Change Order #1, and final, to T&T Commonwealth, Inc. for construction of Camden City Green and Grey Infrastructure Improvement Project, Sewer Reconstruction, Phase 2. There being no question on the motion, a roll call vote was taken. On roll call, the Commissioners responded to their names as follows:

<table>
<thead>
<tr>
<th>Commissioner</th>
<th>YES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Commissioner Bresch, Burley, Cuffee, MacFarlane, Stokes, Swartz</td>
<td></td>
</tr>
<tr>
<td>Chairman Brennan</td>
<td>YES</td>
</tr>
</tbody>
</table>

Resolution #R-17:2-33 was adopted.
A motion was made by Commissioner Cuffee and seconded by Commissioner MacFarlane to adopt Resolution #R-17-2-34, authorizing use of Camden County's 2017 pool of attorneys for the provision of Affirmative Action/Equal Employment Opportunity (AA/EEO) Services on an as-needed basis. There being no question on the motion, a roll call vote was taken. On roll call, the Commissioners responded to their names as follows:

Commissioner Bresch, Burley, Cuffee, MacFarlane, Stokes, Swartz - YES
Chairman Brennan - YES

Resolution #R-17-2-34 was adopted.

A motion was made by Commissioner MacFarlane and seconded by Commissioner Bresch to adopt Resolution #R-17-2-35, authorizing the execution of an agreement between the CCMUA and Del Val of Medford, New Jersey for the supply and delivery of Drain Emulsifier Flow Improver in accordance with Specification #16-20. Commissioner MacFarlane asked if the CCMUA had used this vendor in the past to which Mr. Cornforth explained that it has not. He added that this is a degreaser which will be used in the interceptor system and is the first time this was bid as a result of the newly added pump stations at the south end of the County). There being no further question on the motion, a roll call vote was taken. On roll call, the Commissioners responded to their names as follows:

Commissioner Bresch, Burley, Cuffee, MacFarlane, Stokes, Swartz - YES
Chairman Brennan - YES

Resolution #R-17-2-35 was adopted.

Mr. Kricun asked that, rather than reject the bid, the matter be tabled until next month to allow additional time for further discussion with Emerson. Mr. Watson, CCMUA Solicitor, agreed. A motion was made by Commissioner MacFarlane and seconded by Commissioner Swartz to table Resolution #R-17-2-36, authorizing rejection of bids received for Specification #17-01 – maintenance for Emerson Process Control Power and Water Systems Process Control Scada System and authorize re-advertisement of bids. There being no question on the motion, all Commissioners responded “Aye” in favor, none opposed.

Resolution #R-17-2-36 was tabled.

A motion was made by Commissioner MacFarlane and seconded by Commissioner Bresch to adopt Resolution #R-16-2-37, authorizing the execution of an agreement between the CCMUA and United Trucking, Inc., of Marlton, New Jersey for the hauling and disposal of dewatered sludge cake in accordance with Specification #17-02. Mr. Kricun explained that normally the CCMUA awards two contracts for this service, however, on the advice of the Solicitor, the second vendor, JP Mascaro, did not properly complete the Affidavit of Addendum which is a non-correctible item. Mr. Watson explained that JP Mascaro signed the form but did not complete it which, according to the law is a fatal defect with their bid. It is recommended that a contract be awarded to one vendor and if the CCMUA needs a second standby vendor, then it should bid it again. There being no further question on the motion, a roll call vote was taken. On roll call, the Commissioners responded to their names as follows:

Commissioner Bresch, Burley, Cuffee, MacFarlane, Stokes, Swartz - YES
Chairman Brennan - YES

Resolution #R-17-2-37 was adopted.

A motion was made by Commissioner Burley and seconded by Commissioner Bresch to adopt Resolution #R-17-2-38, commending James MacFarlane for his years of service. Mr. Kricun expressed his thanks for Commissioner MacFarlane’s 20 plus years of service, noting that not only has he been a tremendous advocate for the environment, the community, and for doing what’s right, but he’s also been an ally and friend. Chairman Brennan added that he was impressed by how deeply Commissioner MacFarlane cared for the community, especially Monsignor Doyle and the area residents concerns. He too thanked Commissioner MacFarlane for his many years of service. There being no question on the motion, all Commissioners responded “Aye” in favor, none opposed.

Resolution #R-17-2-38 was adopted.

Mr. Kricun asked that the following resolution commending Commissioner Wu be tabled until next meeting as he was unable to attend this meeting. A motion was made by Commissioner Swartz and seconded by Commissioner Cuffee to table Resolution #R-17-2-39, commending Kuck-King Wu for his years of service.
There being no question on the motion, all Commissioners responded "Aye" in favor- none opposed.

Resolution #R-17:2-39 was tabled.

A motion was made by Commissioner Swartz and seconded by Commissioner Cuffee to adopt Resolution #R-17:2-40, commending Jack Connolly for his years of service. Mr. Kricun read the resolution aloud, adding that there were many instances during the course of his employment that Jack was able to find a solution to a problem when others could not. As a result, the CCMUA's wastewater treatment plant's performance has greatly improved. He thanked him for his many years of service. Commissioner Swartz added that on behalf of the Board and the residents of Camden County, it has been a pleasure working with Mr. Connolly as well as all of the CCMUA staff. During Mr. Connolly's 20+ years of service, the CCMUA has made great strides in improving its operations. It is the effort of employees, including Jack, that have helped put the CCMUA in a positive light in the wastewater industry and he thanked Mr. Connolly for his service to the CCMUA. There being no further question on the motion, all Commissioners responded "Aye" in favor- none opposed.

Resolution #R-17:2-40 was adopted.

A motion was made by Commissioner Bresch and seconded by Commissioner Cuffee to adopt Resolution #R-17:2-41, ratifying approval of expense vouchers as approved by the Executive Director under authorization granted by CCMUA Resolution #R-97:3-60, dated March 17, 1997. There being no question on the motion, a roll call vote was taken. On roll call, the Commissioners responded to their names as follows:

Commissioner Bresch, Burley, Cuffee, MacFarlane, Stokes, Swartz
Chairman Brennan

Resolution #R-17:2-41 was adopted.

A motion was made by Commissioner Swartz and seconded by Commissioner Cuffee to adopt Resolution #R-17:2-42, authorizing payment of $2,730,014.13 for expenses disbursed from various trust accounts. There being no question on the motion, a roll call vote was taken. On roll call, the Commissioners responded to their names as follows:

Commissioner Bresch, Burley, Cuffee, MacFarlane, Stokes, Swartz
Chairman Brennan

Resolution #R-17:2-42 was adopted.

Mr. Kricun distributed to all Commissioners a copy of add-on Resolution; #R-17:2-43, authorizing award of a contract to JMT for design engineering services needed for the dredging of Camden City CSO outfalls. Chairman Brennan, for the record, stated that at the earlier project meeting it was discussed that the reason for the resolution being added on to this agenda is due to the time-sensitive nature of the Camden City Liberty Waterfront project. Therefore, in accordance with the wishes of the RFP, based largely on the recommendation of Camden City's Engineer and the concurrence of CCMUA Staff, it is advised that the CCMUA move forward with this contract with JMT in the amount of $94,500. A motion was made by Commissioner MacFarlane and seconded by Commissioner Swartz to adopt this Resolution (#R-17:2-43). There being no further question on the motion, a roll call vote was taken. On roll call, the Commissioners responded to their names as follows:

Commissioner Bresch, Burley, Cuffee, MacFarlane, Stokes, Swartz
Chairman Brennan

Resolution #R-17:2-43 was adopted.

PUBLIC PARTICIPATION:
Good evening. My name is Jay Murphy. I am the Chairman and a founding owner of BioAir Solutions. I have a brief statement to present. (NOTE: Commissioner Burley left the meeting at this point- 6:30pm).

Ladies and gentlemen of the Board, it is a pleasure to stand before you again. Our last visit was in December where we made a presentation regarding siting our Mobile Research Center at the Delaware #1 Waste Treatment Facility. We left that meeting invigorated with the understanding that this important research had been greeted warmly by this Board. Our impression was that teasing to a few administrative issues was all that remained. We then submitted follow-up documents to CCMUA, but received no substantive response. Then, we were
shocked to learn that the MRC proposal had been rejected at the January Board Meeting with no input from, or discussion with, BioAir. We were not advised that the MRC would be discussed at the January meeting. After the time and investment that we have made, BioAir cannot simply accept this determination. Subsequently, Mr. Brennan was kind enough to support our request to receive some explanation and input.

Since that comment from Mr. Brennan, BioAir has been afforded one telephone conversation with the office of the CCMUA solicitor. During that conversation, we obtained very general descriptions of the reasons for recommending against the MRC Research Project. Essentially, there were two fundamental concerns:

- 1st: Providing preferential treatment to a private entity was something that should not be allowed.
- 2nd: The "demands" indicated in BioAir's draft Memorandum of Understanding were unacceptable.

We stand here before you this evening confused as to why this door was shut with no attempt to resolve these concerns. We are quite certain that all of the solicitor's concerns are not only solvable, but in a relatively simple manner.

Let me first address the MOU issue. The MOU that BioAir submitted was identified, in writing, as a draft. It was written by a businessman with the intention of identifying the major bullet points to be covered by an MOU. Subsequent discussion and modifications could then lead to a mutually agreeable document. To reject a draft document with no discussion is not the normal way of doing business. We remain ready to adjust this document as needed to meet the needs of both parties and feel this is a simple matter. During our phone call, the solicitor mentioned only one point of concern, and we advised him immediately that it was a misunderstanding that could be easily resolved.

The second issue of "preferential treatment" can also be easily resolved. The existing BioAir EcoFilter in the CCMUA odor control system was damaged by high temperature air flow from the cooling towers over a year ago. For months BioAir has offered to replace the media in that EcoFilter and bring it back to new condition as a part of the MRC Research project. Now, understanding the preferential treatment concern, BioAir has submitted a proposal to CCMUA indicating that the cost of such a media replacement is just over $37,000. The CCMUA could very simply accept this proposal for repair of an existing piece of equipment, but, in lieu of a cash payment of $37,000, allow BioAir to perform the MRC study as the consideration for this purchase. Only BioAir can replace the proprietary media in its own equipment, thus competitive bidding is not really an option. And because there is an exchange of services for value, there is no preferential treatment.

Ladies and gentlemen of the Board, there is no guarantee that BioAir will obtain any financial benefit from this research. We will obtain data. If we can make sense of that data, we will obtain knowledge. If we are clever enough to turn that knowledge into a marketable product, we will have an opportunity for financial gain. But if we do succeed, it is possible that MUA's around the world will be able to reduce the use of dangerous and polluting chemicals, will save significant operating costs, will become better neighbors regarding odor, and can reduce other challenging air pollution, all by use of biology rather than chemicals.

The CCMUA could immediately benefit from repairing the EcoFilter. A report to this effect has been submitted and is attached for your benefit if you are interested. We believe that the legal questions that have been raised can be easily resolved. The odor air at this particular location is unique and very challenging to replicate. We implore you not to position us to lose another year by searching for an alternate location.

All that we are doing is borrowing some smelly air, removing some of the pollutants, then returning it to the same duct. That is it!

The law can be used to block things, and it can be used to move things forward. The progress that we seek from the MRC research might prove important for generations to come. We hereby request the Board to support our efforts to move it forward. If we can work in a cooperative spirit, I firmly believe that we can resolve any concerns.

This evening you mentioned receiving an award for environmental sustainability that the CCMUA should rightfully be proud of. Here is a chance to do something truly remarkable in this same vein.

Thank you for your time. With us tonight is Doctor Metin Duran, of Villanova University. Doctor Duran is a research professor in the Department of Civil and Environmental Engineering and would like to speak briefly.

Good evening Chairman and members of the Board. My name is Metin Duran and I am a professor at Villanova University, teaching environmental engineering. I have been doing research for public utilities for the last 25 years. I am here on my own, to urge you to consider the public benefits of this proposed research and how significant a role the CCMUA can play. This is one of the strongest partnerships proposed- bringing together
industry, academia and public utilities. I have worked for Philadelphia Water Department and Gloucester County Utilities Authority, doing research for them, with the intent of public benefit.

We have a pending proposal to the National Science Foundation (NSF) to sponsor this research project. The NSF values such partnerships, so much so, that they are willing to sponsor this research for three years which will pay the stipends and tuition for at least 6-7 graduate students and 10 undergraduate students. It is an important issue that public utilities spend millions of dollars to solve. If we are successful in obtaining funding from the NSF, we are in a unique position to obtain a significant amount of information. If BioAir is able to develop technology from the research and profit from it, the profit public utilities will make by saving millions of dollars will be miniscule in comparison. He urged the Board to consider not only the public benefit, but the educational benefits of this research. There is no immediate intent for profit as, even if BioAir is able to develop a marketable product as a result of this research, it is several years in the making. He further explained that the CCMUA's odors are unique and are the only one in the area so, the CCMUA has a significant role to play in the proposed partnership. He thanked the Board for listening.

Chairman Brennan stated that he is impressed with the sincerity of the proposal and applicants. It is correct that the CCMUA Board was inclined to take the steps to put the research in motion. However, concerns were later raised by some Commissioners as well the Solicitor. Listening to the presentation this evening, it was stated that BioAir could address all of the CCMUA's concerns and, therefore, suggested that those concerns should be addressed between BioAir's attorney and the CCMUA's Solicitor. There are no guarantees that there will be a different outcome. The CCMUA will follow the advice of its Solicitor. Since BioAir's attorney was present, Mr. Watson added that it was his understanding that the conversation that took place previously, was left with BioAir having to submit another written proposal for the CCMUA to evaluate which he did not believe was done. Per the Chairman's direction, not only will the CCMUA evaluate any written proposal received, but will also take any calls from BioAir's attorney regarding this matter. Commissioner MacFarlane asked if the CCMUA's concerns were expressed in detail to BioAir to which Mr. Watson stated that they were not. He said that general information was provided to Mr. Murphy since many of their concerns are attorney-client privilege, which BioAir is not entitled to. Mr. Murphy asked if the CCMUA's Solicitor would explain what the issues are so that BioAir can address them. He added that he understands attorney-client privilege very well, but also understands that it can be used to avoid answering questions. He believes that the issues are straightforward- what does the MOU need to look like to be acceptable to the CCMUA? Time is of the essence and BioAir wants to move forward.

There being no further business, Chairman Brennan entertained for a motion of adjournment. A motion was made by Commissioner Cuffee and seconded by Commissioner Bresch. All Commissioners responded “Aye” in favor- non opposed. The meeting adjourned at 6:45pm.

Minutes of this meeting were approved on 3/20/17.

Respectfully Submitted,

Kim Michelini
Authority Secretary