



UNION COUNTY UTILITIES AUTHORITY

1499 US Highway One, Rahway, New Jersey 07065

(732) 382-9400

info@ucua.org

RESOLUTION NO.: 77-2022

DATE: January 18, 2023

RESOLUTION OF THE UNION COUNTY UTILITIES AUTHORITY APPROVING THE PUBLIC MINUTES OF THE ANNUAL SPECIAL MEETING AND REGULAR MONTHLY MEETINGS HELD ON DECEMBER 21, 2022

APPROVED AS TO FORM:
Lisa M. da Silva, CMC
Deputy Clerk of the Authority

APPROVED AS TO SUFFICIENCY OF FUNDS
 YES NO NONE REQUIRED
UNION COUNTY UTILITIES AUTHORITY

By: Lisa M. da Silva

By: [Signature]

	PRESENT	ABSENT	AYE	NAY	ABSTAIN	MOTION	SECOND
<i>Eastman, Treasurer</i>	✓		✓				✓
<i>Holder</i>	✓		✓				
<i>Jackus</i>		✓					
<i>Kahn</i>	✓		✓				
<i>McManus, Secretary</i>	✓		✓				
<i>People</i>	✓		✓			✓	
<i>Rachlin</i>	✓		✓				
<i>Scutari, Vice chairperson</i>	✓		✓				
<i>Szpond, Chairperson</i>	✓		✓				
<i>Alma, Alternate No. 1</i>	✓		✓				
<i>Scott-Bey, Alternate No. 2</i>	✓						

RESOLUTION OF THE UNION COUNTY UTILITIES AUTHORITY
APPROVING THE PUBLIC MINUTES OF THE ANNUAL SPECIAL MEETING AND
REGULAR MONTHLY MEETINGS HELD ON DECEMBER 21, 2022

WHEREAS, the County of Union, New Jersey has previously developed the Union County District Solid Waste Management Plan in accordance with the New Jersey Solid Waste Management Act for the purpose of managing the disposal and/or recycling of solid waste generated in Union County; and

WHEREAS, the Board of County Commissioners (formerly County Board of Chosen Freeholders) has designated the Union County Utilities Authority (the "Authority"), in accordance with the Solid Waste Management Act, as the implementing agency for its Solid Waste Management Plan; and

WHEREAS, pursuant to the Open Public Meetings Act, N.J.S.A. 10:4-6, et seq., the Authority is permitted to exclude the public from that portion of its regular monthly meetings and/or special meetings in order to discuss matters pertaining to contracts, anticipated or pending litigation, covered by attorney-client privilege and/or personnel issues (among other matters); and

WHEREAS, the Clerk of the Authority separately maintains minutes of those portions of the meetings during which the public is excluded to memorialize the discussions that take place during these executive sessions from the discussions during the portions of the meetings open to the public; and

WHEREAS, the minutes for the public session of the Annual Special and the Regular monthly Meeting held on December 21, 2022 have been reviewed by the Commissioners of the Authority for approval.

NOW, THEREFORE, BE IT RESOLVED, by the Union County Utilities Authority as follows:

Section 1. The governing body of the Union County Utilities Authority has reviewed and hereby approves the public meeting minutes of the Authority's December 21, 2022 meeting.

Section 2. This resolution shall take effect immediately.



UNION COUNTY UTILITIES AUTHORITY

1499 U.S. Highway, One – North
Rahway, New Jersey 07065

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UNION COUNTY UTILITIES AUTHORITY SPECIAL MEETING December 21, 2022

Chairperson Szpond called the meeting to order at 5:00 p.m., by way of the Union County Utilities Authority, 1499 Routes 1 & 9 North, Rahway, New Jersey. The meeting was held in person

Notice of Compliance with the Open Public Meetings Act was read by Joseph C. Bodek, Clerk of the Authority.

A roll call of the Commissioners showed the following present: Chairperson Szpond, Vice-Chairperson Scutari, Treasurer Eastman, Secretary McManus, Commissioners Holder, Jackus, McManus, People, and Rachlin. Also present were alternate Commissioner Alma and Scott-Bey.

Commissioner Absent: Commissioner Kahn

Others Present: Dan Sullivan of the Authority's staff; Kraig Dowd of Weber Dowd Law; Deputy Executive Director/Deputy Clerk Lisa M. da Silva; and Clerk Joseph C. Bodek. Also present was Gilberto Nogueira, Plant Manager representing Covanta.

Chairperson Szpond led the Pledge of Allegiance.

Mr. Bodek provided Proof of Notice of the meeting.

Presentation by Covanta on the operations of the resource recovery facility to meet the requirements of the facilities DEP Permit.

Chairman Szpond introduced Gilberto Nogueira of Covanta, Plant Manager to do the presentation.

Mr. Nogueira did a slide presentation highlighting the 2022 operations of the resource recovery facility. The presentation, see attached, covered the topics such as the amount of waste converted to energy, where the waste was received from, electrical production, environmental performance, and community outreach.

During the presentation Commissioner People asked what boiler 3 maintenance involved.

Mr. Nogueira detailed the work and noted it was done every five (5) years. He noted other maintenance work, that is done and their schedule.

Public Comment

There were no members of the public present.

Public Comment by the Commissioners

Commissioner People asked if Covanta could provide him with a list of local people who work for them. Mr. Nogueira stated he could do that.

There being no further business for this special meeting, Commissioner Eastman moved to adjourn the meeting. The motion was seconded by Commissioner McManus and was unanimously ordered approved by a voice vote. The meeting was adjourned at 5:17 p.m.

Respectfully submitted,

Lisa M. da Silva, CMC
Deputy Clerk

Raymond Szpond
Chairperson

Margaret McManus
Secretary



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In the US: Two Choices for Waste after Recycling



Landfill

- Landfills are a major source of man-made methane. Methane is 84-86X more potent than Carbon Dioxide over 20 years
- Reduction of waste occurs slowly due to anaerobic (no oxygen) decomposition of organic waste
- Metals and other non-organic material do not decompose and can remain buried forever
- Generates leachate which can lead to ground water contamination
- Non-sustainable use of land
- Energy generation from landfills: 65 kWh per ton of waste



Waste-to-Energy

- WTE is not a major source of methane
- Avoids, on average, one ton of Carbon Dioxide equivalent for each ton of waste processed
- 90% reduction of waste in volume – remaining residue is managed in a landfill
- Metals are recovered for recycling
- Energy generation from WTE: **550 kWh per ton of waste**
- Generates renewable base load power

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World Leader In Waste-to-Energy



Over 50 sustainable material processing facilities, including WTE facilities in North America



Annually recycle approximately 600,000 tons of metal the equivalent amount of steel can build six Golden Gate Bridges



Annual capacity to process 21 million tons of waste



3,800 professionals employed in North America



Generate 10 million megawatt hours—enough clean energy to power over 1 million homes



High focus on improving sustainability and encouraging a circular economy

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2022 Highlights

- Achieved boiler availability = 96.0%
- 545,155 tons of waste processed
- Successfully completed annual emissions testing in March 2022
- Successfully completed annual maintenance schedule
 - Five years maintenance in the Turbine and Electrical Generator
 - Boiler 3 Scrubber 5 years inspection and major repairs
 - Continued with Boiler tube replacement and repairs as part of Preventive Maintenance Program

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Waste Converted into Energy

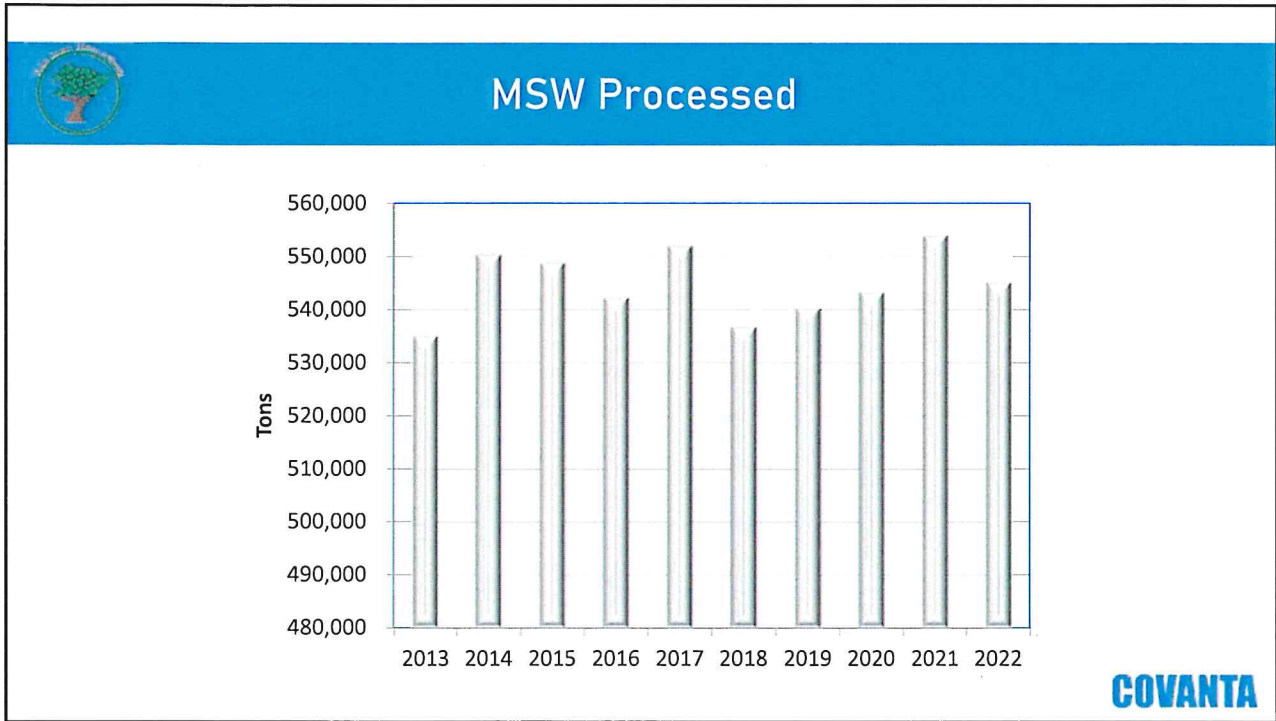


In 2022, the UCRRF again produced enough electricity to supply over 25,000 homes for a full year

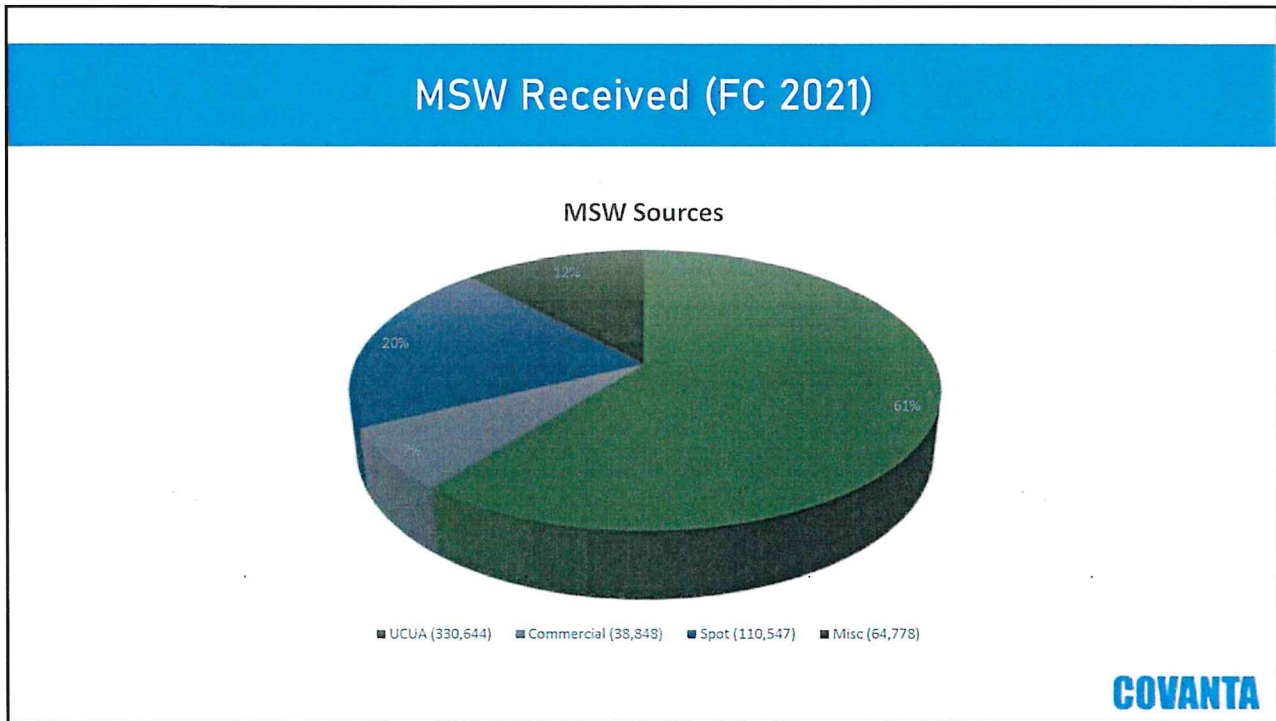
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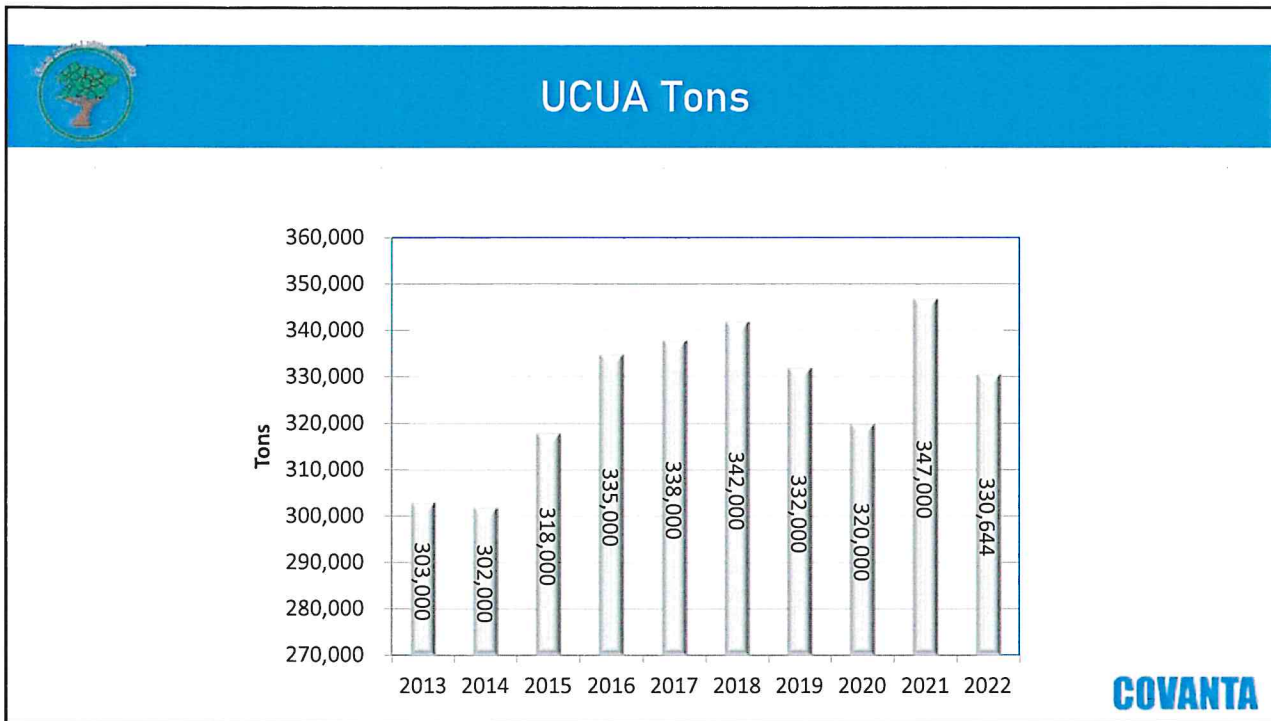
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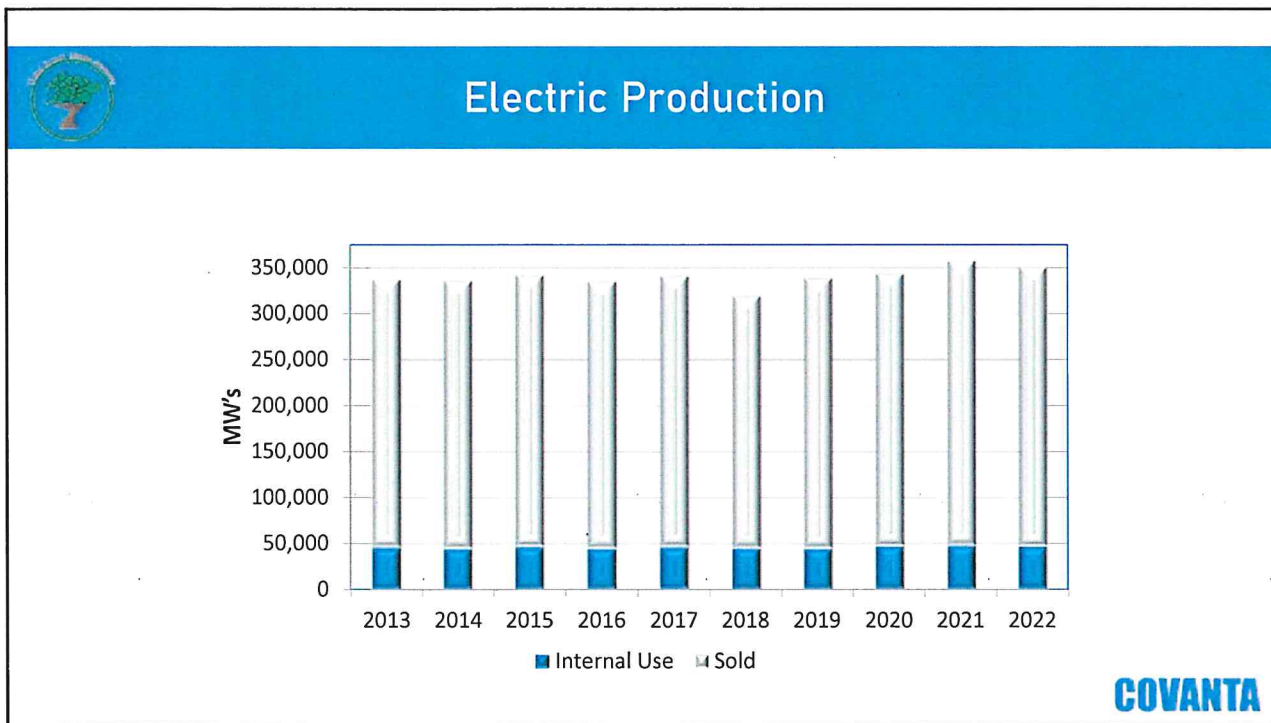
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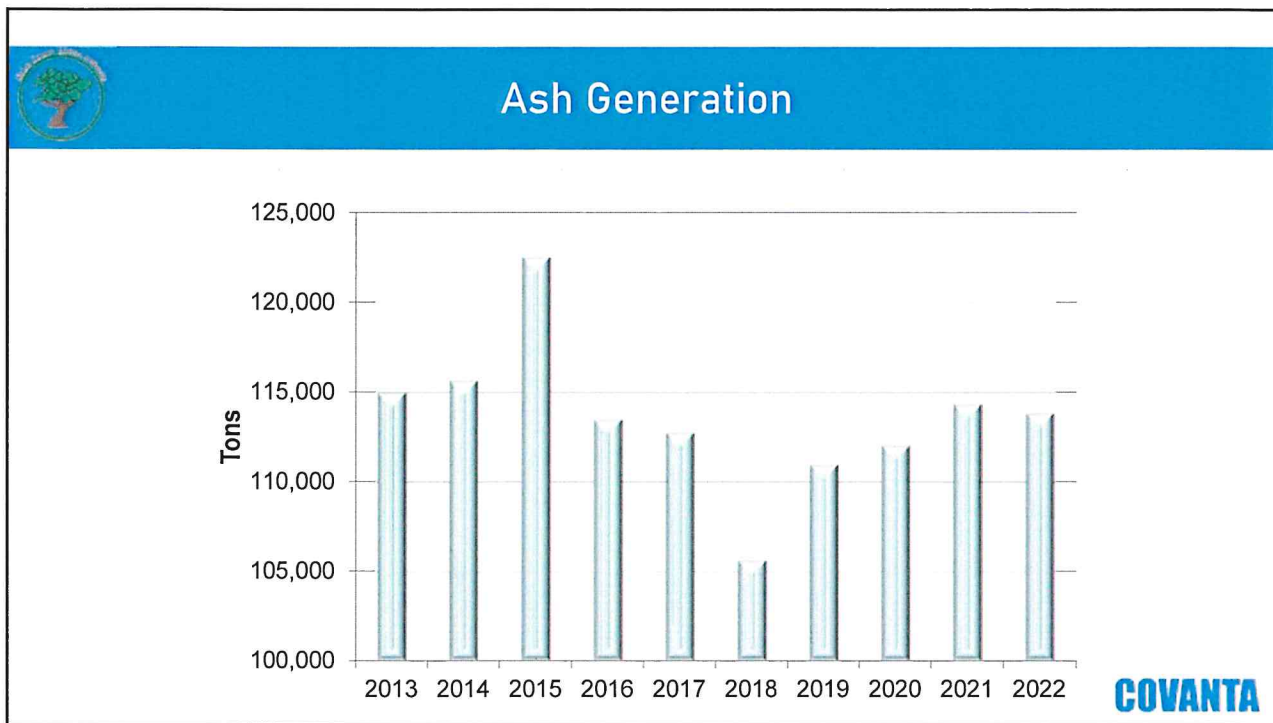
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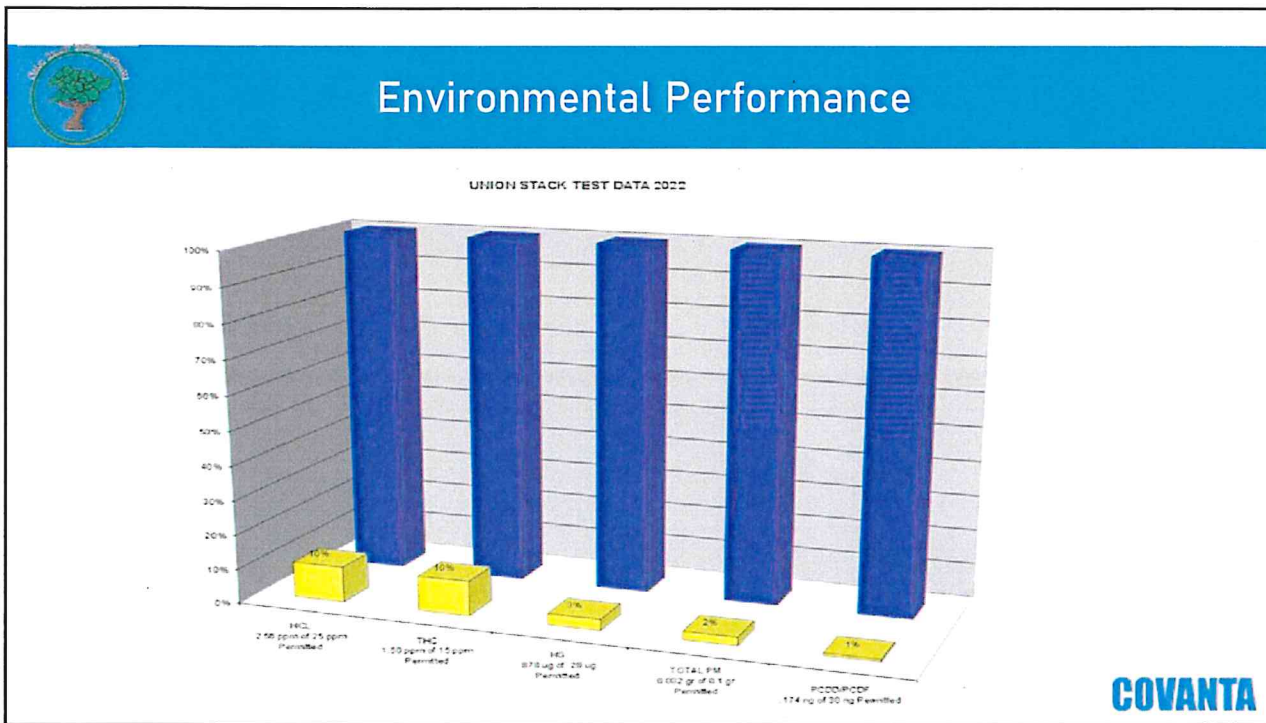
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How We Can Help | Industries We Serve | Sustainability | Who We Are | Where We Are

Superior Environmental Performance

We care about our communities and operate well below emissions limits. Over 99.9 percent of what comes out of our plants' stack is what you'd typically find in air - water vapor, nitrogen, oxygen, and carbon dioxide. The remaining constituents are well below federal and state standards.

The following data is presented in units required by the facility's permit as averaged emissions.

12/17/2022

Reference No.	Carbon Monoxide (CO) Maximum (lb)	Sulfur Dioxide (SO ₂) Daily (lb) or Removal Efficiency	Nitrogen Oxides (NO _x) Daily (lb)	Opacity (block) Maximum (ft)
Permit Limit	100	20 or 95%	100	30

Actual Data

12/17/2022 - 04:01	21	15	99.9	100
12/17/2022 - 04:02	14	21	99.7	100
12/17/2022 - 04:03	15	21	99.9	100

a. Permit Limits are derived from USEPA standards for Large Municipal Waste Combustors (40 CFR 60, Subparts A, C, and E);
 b. CO values are the maximum 4-hour block average for that day;
 c. SO₂ and NO_x values are the daily (24-hour) block averages for that day;
 d. Opacity values are the maximum 6-minute average for that day;
 e. All emission values reported in units consistent with the permit. CO, SO₂, and NO_x reported as parts per million, dry gas basis at 7% O₂ (ppmv₇), Opacity as %; Removal Efficiency as %;
 f. SO₂ compliance is based on concentration (ppm) or removal efficiency (% reduction between inlet and outlet emissions);
 g. The dash symbol (-) indicates that a unit is off-line, has insufficient data for a compliance period or is in an exempted period.

*Results are provided for informational purposes only. Data is posted 24 hours after completion of each day to allow for quality assurance/quality control (QA/QC) review.

Emissions Data Online

<https://www.covanta.com/where-we-are/our-facilities/union>

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Community Outreach



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2022

- Monthly Covanta Community Coalition (CCC) Meetings
- Pollinator Garden
- Rahway Community Action Organization – Annual donation, Thanksgiving baskets
- R-x Take Back Program,
- Joint training with Rahway Fire Department
- Providing job opportunities to local residents
- City of Rahway TeenWorks Supporter



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Thank You

Gilberto Nogueira
Facility Manager
gnogueira@covanta.com
(732) 850-4357

COVANTA



UNION COUNTY UTILITIES AUTHORITY

1499 U.S. Highway, One - North
Rahway, New Jersey 07065

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info@ucua.org

UNION COUNTY UTILITIES AUTHORITY REGULAR MONTHLY MEETING December 21, 2022

Chairperson Szpond called the meeting to order at 5:30 p.m., by way of the Union County Utilities Authority, 1499 Routes 1 & 9 North, Rahway, New Jersey. The meeting was held in person.

Notice of Compliance with the Open Public Meetings Act was read by Joseph C. Bodek, Clerk of the Authority.

A roll call of the Commissioners showed the following present: Chairperson Szpond, Vice-Chairperson Scutari, Treasurer Eastman, Secretary McManus, Commissioners Holder, Jackus, McManus, People, and Rachlin. Also present were alternate Commissioner Alma and Scott-Bey. Commissioner Kahn arrived at 5:34 pm.

Commissioner Absent: None.

Others Present: Dan Sullivan of the Authority's staff; Kraig Dowd of Weber Dowd Law; Deputy Executive Director/Deputy Clerk Lisa M. da Silva; and Clerk Joseph C. Bodek.

Chairperson Szpond led the Pledge of Allegiance.

Mr. Bodek provided Proof of Notice of the meeting.

Approval of Minutes

Commissioner Eastman moved the resolution approving the public session minutes of the regular meeting held on November 9, 2022. The motion was seconded by Commissioner People and was ordered approved by a roll call vote, with all voting in favor except Commissioners Holder and Scutari, who abstained.

Communications

Mr. Bodek read a thank you card, from Jeff Hummel thanking the Commissioners and staff for the expression of sympathy sent to him and his family for the passing of his wife.

Report of Officers - There were no reports from the officers.

Report of Committees, Staff & Counsel – Public Session I

Finance and Budget

Commissioner Eastman gave the report of the Finance and Budget Committee. The Committee recommended approval of the bill lists. Commissioner Scutari moved the following resolutions: 1) Approving operating and resource recovery facility vouchers for processing and payment; and 2) Approving consulting and legal vouchers for processing and payment. The motion was seconded by Commissioner McManus and was unanimously ordered approved by a roll call vote.

Commissioner Eastman informed the Board that the Committee recommended the adoption of the 2023 budget. Commissioner People moved the resolution authorizing the adoption of the annual budget for the fiscal year beginning January 1, 2023 to December 31, 2023. The motion was seconded by Commissioner Holder and was unanimously ordered approved by a roll call vote.

Lastly Commissioner Eastman noted that the Committee recommended approval of the annual payment to the County of Union. Commissioner Holder moved the resolution authorizing annual payment to the County of Union in accordance with the 2012 interlocal services agreement between the Authority and the County of Union. The motion was seconded by Commissioner Scutari and was unanimously ordered approved by a roll call vote.

Personnel, Procurement & Insurance

Commissioner McManus reported that the Personnel, Procurement & Insurance Committee recommended approving resolutions to purchase office furniture, approving an updated collective bargaining agreement, adjusting the annual salaries of certain staff members, and appointing an affirmative action and public agency compliance officer. There being no questions Commissioner People moved the following resolutions: 1) Authorizing the purchase of office furniture through the State of New Jersey Cooperative purchasing program; 2) Approving an updated collective bargaining agreement for the period of January 1, 2023, through December 31, 2027; 3) Adjusting the annual salaries of certain Authority staff; and 4) Reappointing Lisa M. Da Silva as the affirmative action and public agency compliance officer for the Authority. The motion was seconded by Commissioner Scutari and was unanimously ordered approved by a roll call vote.

Policy, Ethics, and By-Laws

Commissioner McManus reported that the Policy, Ethics and By-Laws Committee recommended adopting policies certain policies covering emergency action and fire prevention, personal protective equipment, hazardous substances and bloodborne pathogens. Commissioner People moved the resolution adopting policies governing emergency Action & Fire Prevention, Personal Protective Equipment, Hazardous substances, and bloodborne pathogens. The motion was seconded by Commissioner Rachlin and was unanimously ordered approved by a roll call vote.

New Business

Chairman Szpond announced that the Authority's long time Clerk, Joseph C. Bodek, was resigning as he was recently appointed a member of the Union County Board of Commissioners. The chairperson spoke of Mr. Bodek dedicated service to the Authority and read the following resolution into the record:

RESOLUTION OF THE UNION COUNTY UTILITIES AUTHORITY COMMENDING THE DEDICATED PUBLIC SERVICE OF THE AUTHORITY'S CLERK, JOSEPH C. BODEK

WHEREAS, Joseph C. Bodek (a/k/a "Joe"), has unfailingly performed his duties as Clerk of the Union County Utilities Authority (the "Authority) capably, efficiently, professionally, and with integrity since May 15, 1989; and

WHEREAS, Joe served as Clerk during the planning and development of the Union County Resource Recovery Facility and has continuously contributed to the growth and success of the Authority as the consummate professional and public servant; and

WHEREAS, Joe has displayed outstanding leadership and served as a mentor in performing his duties as the Authority's Clerk, while also serving the Municipal Clerk for the City of Linden; and

WHEREAS, Joe has been elected by the Union County Democratic Committee to the office of Commissioner of the County of Union Board of County Commissioners, and will take office in January 2023 where he will continue to serve the constituents of Union County; and

WHEREAS, his sense of humor, kindness, energy and graciousness has enriched those fortunate enough to know and work with him; and

WHEREAS, continued, unselfish public service is the backbone of our democracy and has been exemplified in Joe's work, and

WHEREAS, the Authority desires to commend Joseph C. Bodek for continuously serving the citizens of Union County as the Authority's Clerk for parts of five decades.

NOW, THEREFORE BE IT RESOLVED, that the Commissioners of the Union County Utilities Authority hereby express their gratitude and great appreciation to Joseph Bodek for his work and commitment to the Union County Utilities Authority and extend their best wishes for health, success, and prosperity form many more years to come as he serves on the Union County Board of County Commissioners.

Commissioner Holder moved the above resolution. It was seconded by Commissioner Eastman was unanimously adopted by acclamation by the board.

Chairman Szpond, on behalf of the Authority, presented Mr. Bodek with a plaque honoring his service, a copy of the resolution, and a token of the Authority's appreciation. Mr. Bodek thanked the commissioners and staff for their kindness and support of the years, and stated that he looked forward to working with the Authority in his new role as a County Commissioner.

Public Comment - There was no public present.

Report of Committees, Staff & Counsel – Executive Session - There was no need for an Executive session.

Old/Unfinished Business - There were no items of Old/Unfinished Business

Public Comments by Commissioners - There were no comments.

There being no further business to come before the Authority, Commissioner Holder moved to adjourn the meeting. The motion was seconded by Commissioner People and was unanimously ordered approved by a voice vote. The meeting was adjourned at 5:45 pm.

Respectfully submitted,

Lisa M. da Silva, CMC
Deputy Clerk

Ray Szpond
Chairperson

Margaret McManus
Secretary