

POLLUTION CONTROL FINANCING AUTHORITY
OF WARREN COUNTY

MINUTES OF REGULAR MONTHLY MEETING

April 21, 2025

Chairman Walter Orcutt called the regular monthly meeting of the Pollution Control Financing Authority of Warren County to order at approximately 9:42 am.

Authority Members present: Walter Orcutt, Angelo Accetturo, Dan Perez, Eric Lohman, and Rob Larsen.

Chairman Orcutt asked for roll call.

ROLL CALL:	Mr. Accetturo	- Present
	Mr. Larsen	- Present
	Mr. Perez	- Present
	Mr. Lohman	- Present
	Chairman Orcutt	- Present

Also present: Jonathan Knittel, Director of Operations; Jamie Banghart, Assistant Director and Shannon Beam, Recording Secretary.

The Pledge of Allegiance was led by Chairman Orcutt.

Chairman Orcutt read the following statement: “Adequate notice of this meeting of April 21, 2025 was given in accordance with the Open Public Meetings Act by forwarding a schedule of regular meetings of the Pollution Control Financing Authority of Warren County (PCFAWC) to the Warren County Clerk, the Warren County Board of County Commissioners, The Express-Times, and by posting a copy thereof on the bulletin board in the office of the PCFAWC. Formal action may be taken by the PCFAWC at this meeting. Public participation is encouraged.”

MINUTES

Chairman Orcutt asked if the changes regarding the recognition of the Chairman title to be used in the minutes was understood.

Mrs. Banghart asked if the minutes were revised.

The recording secretary replied that it was duly noted and changed.

Chairman Orcutt asked for a motion for M-1, the Regular monthly meeting minutes from March 17, 2025.

Mr. Accetturo stated that he would make the motion to approve M-1.

Mr. Larsen stated that he would second the motion.

Chairman Orcutt stated, all in favor, say aye.

Chairman Orcutt asked if any opposed, then stated, motion granted. Mr. Perez stated that he would have to abstain.

CORRESPONDENCE

Chairman Orcutt asked if there were any correspondences.

PUBLIC COMMENTS (AGENDA ITEMS ONLY)

Chairman Orcutt asked if there were any public comments for agenda items only.

FINANCE

Chairman Orcutt stated that next was the finance report.

Mrs. Banghart stated that as they see, the tonnage was still down, but they did pick up a new hauler as they discussed earlier. Reworld started on April 8th and they were bringing in some good tonnage for us. With that our finances should improve next month. They did receive back their recycling grant from the County in the amount of \$132,000.00.

Everything else was doing ok.

Mr. Knittel stated that since it was Mr. Lohman's first official meeting, he would go over the third page of the report, which was added recently to track closure funds. Then Mr. Knittel explained how the funds worked sometimes for and at times against the budget.

Mr. Knittel stated that they acquired a new hauler, Covanta, they do have a handout on that. they were averaging 12 to 15 loads per day.

They had a discussion regarding the new hauler and how it was impacting everything from tonnage to how it was affecting the time in and out, they also brought up that the walking floors have been asked to be on the scale before 8:30 on Saturday mornings.

They also had a discussion regarding the township cleanups and who was involved and who wasn't and how it impacted the landfill operations.

The Board asked about the automated kiosk for tankers and why that had not been installed yet, which kicked off a brief discussion.

Chairman Orcutt asked if there was a motion on the Resolution R-04-01-25 to pay bills?

Mr. Accetturo stated that he would make a motion on Resolution R-04-01-25 to pay bills.

Mr. Perez stated that he would second the motion.

ROLL CALL: Mr. Accetturo - Yes
Mr. Larsen - Yes
Mr. Perez - Yes
Mr. Lohman - Yes
Chairman Orcutt - Yes

On a motion by **Mr. Accetturo**, seconded by **Mr. Perez**, the following resolution was adopted by the Pollution Control Financing Authority of Warren County at a meeting held on *April 21st, 2025*.

RESOLUTION
R-04-01-25
To Pay Bills – April 21, 2025

WHEREAS, the Pollution Control Financing Authority of Warren County has been presented with invoices for services, supplies and other materials rendered to it or on its behalf;

NOW, THEREFORE, be it resolved by the Pollution Control Financing Authority of Warren County that the following bills be paid:

See Attached

ROLL CALL: Mr. Accetturo - Yes
Mr. Larsen - Yes
Mr. Perez - Yes
Mr. Lohman - Yes
Chairman Orcutt - Yes

We hereby certify Resolution to Pay Bills in the amount of **\$ 1,325,423.81** to be a true copy of a resolution adopted by the Pollution Control Financing Authority of Warren County on the *21st day of April 2025*.

Mariann Cliff
Recording Secretary

Jonathan Knittel
Director of Operations

Approved: April 21, 2025

PERSONNEL

Mr. Knittel stated that he had nothing to report at this time.

PRESENTATIONS

Mr. Knittel stated that there were no presentations.

They did have a brief discussion regarding the meeting location and the benefits of having it in the upstairs conference room with the large TV screen.

REPORTS

FACILITIES/RECYCLING

Mr. Knittel stated that they had a meeting with Tetra Tech and this was discussed in detail. Mr. Knittel stated that in the meeting they spoke about the old water treatment plant, the green butler building just below the leachate tank and everything that was in it. They were going to look at the waste energy from the flare and its options. The force-main will be the area of concentration the first few months with camera work and pressure testing of various sections of pipe.

Mr. Knittel stated that they would be getting a draft together with Mr. Tipton for an easement alongside of the neighbor's property. They spoke about other options that they could take also.

Mr. Knittel stated that they would be getting costs together for a presentation on the evaporation method versus the water treatment plant and force-main, or a combination of the two.

Mr. Knittel discussed PFOS and its impact on the environment, PFOS was a pollutant that can contaminate water and soil that they learned about at Atlantic city. New Jersey standards will be changing in the near future that they need to be wary of.

The PFOS was discussed in detail and options on how to best handle it.

Mr. Knittel discussed treating / removing PFOS from the leachate with RO treatments and sending the treated leachate down to PRMUA.

Mr. Accetturo stated that was the nature of why this bill of goods was sold to this little area of Warren County, it was that there was going to be revenue from different sources and that the commercial rate of leachate sent to PRMUA, was twice that of regular leachate and that was going to help stabilize rates for citizens of Oxford, White and Belvidere. That was the historic nature of why it was important

to get that leachate over there. But we have survived all these years, for a long time now without it. Oxford was working on a bunch of things to get more flow to that plant.

There was a lively discussion about what kinds of other projects were brewing and the trouble it would be getting the leachate over to PRMUA.

One of the discussions was regarding recirculation, and how during hurricane IDA, Warren County landfill proved that it worked for 70 days with an emergency approval from the DEP.

Mr. Knittel stated that the PCFA asked the DEP for 5 to 10 thousand gallons per day of recirculation capacity. They did put a technical notice of deficiency on what they had originally submitted, they wanted more information.

The DEP was verbally agreeable to letting us recirculate, they just want more information. A lot of the information that they asked for was already provided to them during the emergency recirculation.

This recirculation was again discussed in detail, even the problems that they anticipated, that did not happen.

Mr. Orcutt asked if it had to be a complicated system?

Mr. Knittel replied that during IDA they dug five pits but long term they wanted barriers and they were concerned that with open pits it would create odor.

Mr. Knittel stated that they wanted it to be designed like a septic system, they want a main tank that the trucks would dump into, or the pump would pump it to and then from there it just distributes into laterals, just like your home septic system.

So, they do want it engineered, they have a cost for that, for the field is \$250,000.00 and there would be \$250,000 in pumping technology to get that water there. Or we could tank it up, with reverse osmoses it would only be a truck or two per day for the RO reject brine.

There was more discussion regarding the cost of tanking or pumping.

Mr. Orcutt asked to go back to talk about the good water for a second, the good reverse osmosis water. Something as simple, or maybe nothing was as simple as evaporation, or watering grass, how does that part work.

This started a discussion on the evaporation and how it worked. The recirculation was discussed again step by step, and also how it could be beneficial to the landfill. It was stated again that having open pits that could have odor, or animals fall into was frowned upon.

Mr. Knittel mentioned that when you eventually get the recirculated leachate out, it will come out cleaner than when it went in. Specifically, for PFOS, but after a while you are putting liquid in and getting liquid out, you are just feeding a loop.

Mr. Accetturo mentioned that you could move on to another section of dry landfill, what was the impact of moving on to another section of landfill that was garbage not bulky. Mr. Knittel replied that they do allow recirculation to active cells, but in this case, we have the 50-acre dry cell that was not getting any rainfall now at all. That cell would benefit from recirculation.

Mr. Accetturo replied ok so they have plenty of dry places.

Mr. Knittel stated that not to bash New Jersey but the rest of the world recirculates leachate because of the benefits.

Mr. Lohman stated that they used to do some low-technology evaporation at one of the landfills in West Virginia. This was basic pumps with sprinklers that would go all day long.

A long discussion ensued on evaporation and all the different ways to go about it low-technology and low-cost. Spraying grass, watering, dust control etc.

Mr. Perez asked if the gasses and vapors that come out of the landfill is what is going over to the flare right?

Mr. Knittel replied yes, they have 70 vacuum wells, its kind of like central vacuuming built into the landfill with 70 hoses jumping on to the central vacuum system. Those wells were pulling about 1000 cubic feet a minute of landfill gas and of that 1000 cubic feet a minute, 43% of it was methane that will burn. This produces about a ½ million btu's a minute of energy that we are burning in a flare. It is first treated in our sulfur unit, to remove the sulfur, then we burn it. In the past it was harnessed for use but outside companies always wanted more than the landfill could supply, then it becomes a problem. So, we have found it was more beneficial for the landfill to just burn what we have.

There was a detailed discussion on landfill gasses leased out to other companies the pros and cons and costs.

It was summarized by saying that they would need an air permit for any of these and that would take about 8 months and there would be about 8 months of construction from design to completion.

Mr. Lohman stated that it would be 2027 before they were even doing anything.

Mr. Knittel replied yes, and if an emergency arose we could get an R.O. skid leased, rented, or purchased, it could be brought in. Worst case scenario, PVSC could tell us that New Jersey made a new law and they don't want our leachate at all. In that case they could be up-and-running very quickly with reverse osmosis.

Mr. Lohman stated that at some point the State is going to get their knickers in a knot with this PFOS stuff, and there will be ramifications with leachate going forward.

Mr. Knittel replied that they did not want that to be a federal event because if it was, every state every landfill in the country would be going after the same vendors. And there are only so many vendors, they definitely want to be ahead of that curve that's really why they were looking at this.

Mr. Orcutt stated that all this evaporation stuff was really a feel-good type of thing. It's all good, but they were not spending four million dollars. It was said that the State would also come back to us and tell us that we could use the gas for, this, and that.

Mr. Perez stated that when he worked at Exxon, they had a flare, they had jet fuel. So, they had the evaporation tank that used to take all of the vapors off and separate the liquid, that would go to the flare. He was just making a comparison.

This started another discussion about flares.

Mr. Orcutt asked Mr. Knittel to tell them about the camera.

Mr. Knittel replied that the camera work has not gone out to bid yet. He will get together with the engineer who was getting those bid documents soon.

This was also discussed in depth, every step that was going to be tested.

Mr. Knittel stated that the 20-acre side-slope has about three months left and that will be finished. This was discussed briefly.

The Board spoke about the DEP and cleaning up the litter after wind storms.

Mr. Knittel stated that for the monthly odor update, the infrared drone flew the property looking for any hotspots in the morning. They also had Envirosuite vendor present a monitoring technology.

The Board asked Mr. Knittel to present it on the overhead screen and this led into an interactive conversation regarding the monitoring technology.

There was also conversation going back to the infrared drone.

Mr. Knittel stated that Envirosuite, was a company that provides software, and equipment including a weather station and five meters. Each meter has four slots in it so they could measure methane, hydrogen sulfide, particulate, any particles, or dust that you might be making on your site and there was one more thing that they monitored.

Mr. Knittel stated that for the weather station, five meters with four sensors each, they want a yearly annual subscription of \$80,000.00 per year. This would give you a web-page interface, all the equipment, maintenance, calibration, everything that you need. The interface would be available to us. It could be interactive and available for people to leave odor complaints. With the weather station tied in, it is backed up with wind, so it's able to map where that odor came from. This can separate real complaints versus false complaints.

For example, for the last two week there was a lot of farms spreading chicken manure in the fields. The health dept has had their phones ringing with odor complaints.

There was a lively discussion regarding odor and where it was coming from, also how many complaints that they typically get were discussed. Plume mapping was explained.

All the complaints that the landfill has received were discussed. General consensus was that it was very good information to have.

The dangers of hydrogen sulfide were discussed in detail, the human body is super-sensitive to smelling hydrogen sulfide. More than any other animal, not even a beagle, because hydrogen sulfide is the indication of something rotting, like rotting food. So over time humans have developed this sense to keep us from eating something that is rotting. When it's in the air it is a nuisance, but not a health hazard in open air.

Mr. Knittel stated that before they make a decision on Envirosuite he would like the Board to give him the opportunity to cover the area of the open-face that has the gravel and get some gas wells in this summer, before we commit to spending eighty grand a year. That was his preference, after which the Board could decide which way to go. It was a great technology but he thinks it was better suited to a landfill that was getting lots of aggressive complaints. Here they already know which complaints were good, and they now have a solid path to treat the source of the odor.

Mr. Perez asked if they were getting a lot of complaints.

Mr. Knittel replied that they had received two this year, but they know that there is more than that. It was mentioned before by Mr. Accetturo that not everyone calls the DEP hotline, and people get tired of complaining and just stop calling it in.

The odor issue was discussed again in detail and it was agreed at least for now, to spend the money on fixing the problem, rather than monitoring it.

Mr. Accetturo mentioned that they may want to change the name of the landfill if they are not addressing the pollution control, after all we are the Pollution Control Financing Authority of Warren County.

Mr. Knittel pointed out that there was over 3,000 feet of our property directly on the Pequest river. One of the things that they have done over the past 3 years is; they have two storm-water ponds. Pond 1 and pond 2, neither of those ponds have discharged to the river in 2 ½ years since the July 15th event. They used to discharge regularly.

The couple things that they have done were to dredged out the main pond and built a third basin, where a tremendous amount of the storm water goes.

Storm water is not discharged to the river any longer, they do have two permitted discharge points, and they must sample those quarterly during discharge events.

Mr. Lohman asked if it was only during discharge events. Mr. Knittel replied yes. They actually were sampling too much, the sampling team were taking samples and sending them in, even though they were not discharging. They have corrected that, and they now mark a box that says 'no discharge'.

Mr. Lohman looking at the TV asked about a building.

Mr. Knittel replied that this was the old Covanta pump house. It was a cinder block building with a Cat generator in it, that would provide backup power to the wells that were on this property that would send water over the mountain to Covanta.

Mr. Orcutt replied that there was a Cat generator sitting in there doing nothing.

Mr. Knittel stated that it has been serviced and ran as of last month, new batteries, changed oil tested that diesel fuel. It does run and it is able to be used as a backup to any of our generators, but it does need to be in a shelter.

There was a question and then a long discussion on the old, Cat generator, which was the pre-emission's it has blown winding and head, and they were going to address putting it up for auction. It was desirable because it was a tier 2 or 3. This was estimated to sell at \$30,000.00 or more.

Mr. Knittel pointed out the old DCO building that was empty, currently being used for storage.

They also discussed Atlantic city's landfill's trouble containing odor.

Mr. Knittel was asked to bring up the infrared drone flight pictures.

Some pictures were brought up and discussed, along with a couple pictures of the landfill.

Mr. Orcutt stated that he wants to see the infrared photo's next month on the TV. Mr. Knittel agreed.

Mr. Knittel stated that they have a lot of new litter fencing and showed the Board on the TV, where it would all be going. He mentioned to the Board that on the top area, he wants to use, used telephone poles, and asked the Board to keep a look out for a dozen telephone poles. He would like to get those used, and asked if anyone has a project where they come across JCP&L getting rid of any, he would like to hang the top portion of the litter fence with telephone poles.

They discussed how it was going to be done.

Chairman Orcutt asked to move on to A-3 Waste Disposal Fee Schedule.

Mrs. Banghart stated that the changes in red was a contractor; H.A.C. services which needs to have the Boards signatures, and a motion to approve.

Mr. Lohman asked how our pricing works and who negotiates that.

Mr. Knittel replied that only the Board decides on prices. It was designed to protect the Director from the haulers.

A lengthy discussion on the pricing of different materials and tiered pricing ensued going into detail on haulers.

Mr. Knittel pulled up the rate schedule on the TV to show Mr. Lohman.

Price discussions continued for a while going into how and why they set the rates for each tier.

Mr. Knittel stated that over the last three years there has been almost a 30% increase. Gaeta went to a railhead, NTI claims that they have 7 or 8 lower price locations including Covanta which was very low, but they have limited capacity. It is lower because of the location. You have to look at total cost. This would include, trucking mileage, fuel, tolls and tipping fee.

This led into a continued cost discussion with each of the tiers and how they came to that price. They also discussed in length Covanta's burner. It was decided that the PCFA would continue to take their overflow of mixed debris as long as they had it available. Understanding that it was likely seasonal from March to September.

Another topic of conversation was the disposal of mattresses.

Mr. Knittel stated that when they were in Atlantic city there was a vendor in New York State that takes mattresses and recycles them. The Board then discussed this possibility in detail for the PCFA and how much more work it would be for our guys. The came to the decision that someday, recycling mattresses may be a more viable option as it becomes more popular, right now it is not.

Mrs. Banghart stated that she believes that they should revise our Solid Waste Contracts to include mattresses in there and put an additional fee per ton if they're found while dumping in the landfill. The guys will have to call the scale house when it happens and they would revise that ticket to reflect a higher price per tonnage for that load. This may slow the flow of mattresses, but they need to revise the contracts first.

Mr. Lohman asked what their option was if the PCFA was not taking them. Then asked if they were proposing not taking mattresses.

Mr. Knittel replied no, they would just be accepting them on a higher rate. Mr. Lohman stated that to your point they were permitted to take it so they had to take it correct? Mr. Knittel replied, that was

his understanding, but there are exceptions. For example, we don't take solar panels because there were recycling options. Asbestos we are permitted to, but we say no, because the County Solid Waste Plan did not approve it, we can't take it. So, there is always a way to not accept certain things, but industry standard for mattresses was, that they are solid waste.

The Board spoke about the recycling option for mattresses again.

They also talked about the labor involved and if it was worth it to hire outside labor to help with it. Mr. Knittel stated that they already have an open contract, time and material for Effluent services for trash pick-up at a flat rate of \$30.00 per hour, they pay all insurance and benefits and do all safety training. It probably would not warrant that type of labor.

Mr. Larsen stated that he would make a motion to approve the changes in A-3 Waste Disposal Fee Schedule. Mr. Perez stated that he would second the motion.

ROLL CALL:	Mr. Accetturo	- Yes
	Mr. Larsen	- Yes
	Mr. Perez	- Yes
	Mr. Lohman	- Yes
	Chairman Orcutt	- Yes

Mr. Knittel presented A-3 through A-5 which are our recycling programs that are running well.

GENERAL COUNSEL

Chairman Orcutt there would be no general counsel's report.

OTHER BUSINESS

Chairman Orcutt asked if there were any other business.

CLOSING PUBLIC COMMENTS

Chairman Orcutt asked if there were any closing public comments.

PRESS COMMENTS AND QUESTIONS

Chairman Orcutt asked if there were any press questions or comments.

ADJOURNMENT

Chairman Orcutt stated that he had one more thing before they adjourn, they were going to change the committee list;

Personnel – Dan Pérez & Rob Larsen

Capital – Eric Lohman and Walter Orcutt

Finance – Rob Larsen and Ángelo Accetturo

Site Operations – change to Eric Lohman and Walter Orcutt

Mrs. Banghart stated that she wanted to remind them all that, May 18th was our household hazardous waste collection day.

There was a lively discussion on how it was put on and who attended and how it usually went.

Mr. Accetturo stated that he would make a motion to adjourn.

Mr. Larsen stated that he would second the motion.

Chairman Orcutt stated, all in favor, say aye.

Chairman Orcutt asked if any opposed, then stated, motion granted unanimously.

*****Meeting was adjourned at approximately 11:23 am***

Respectfully submitted by:

Mariann Cliff
Recording Secretary

Approved: