

GLOVERSVILLE BOARD OF WATER COMMISSIONERS
MEETING MINUTES – JUNE 15, 2021

The Regular meeting of the Board of Water Commissioners was held and brought to order at their office, 67-73 South Main Street, Gloversville, NY on June 15, 2021, at 5:30 PM with President Antonucci presiding.

Roll Call

Commissioners-----

Antonucci	PRESENT
Isabella	ABSENT
Mauro	PRESENT
Robinson	PRESENT
Capano	PRESENT

Others in Attendance: Water Superintendent; Anthony Mendetta; Clerk of the Water Board; Christine Linart; Andrew White, Chad Kortz and Jake Gordon from C.T. Male Associates, Frank Fernandez, and Michael Martin from CFI Construction.

Christine explained to the Board that she had Audits that she had to pull out of our regular audit list. These items must be voted on separately due to a conflict with Commissioner Capano. The Audit #21217 & #21251 in the amount of \$320.18 payable to Gloversville True Value needed to be voted on with Commissioner Capano having to abstain from voting to approve.

Commissioner Antonucci made a motion to approve Audits #21217 & #21251 in the amount of \$320.18 payable to Gloversville True Value. The motion was seconded by Commissioner Robinson.

Commissioner	Yes	No	Absent	Abstain
Antonucci	X			
Isabella			X	
Mauro	X			
Robinson	X			
Capano				X

Christine explained to the Board that she had an Audit that she had to pull out of our regular audit list. This item must be voted on separately due to a conflict with Commissioner Mauro. The Audit #21273 in the amount of \$214.04 payable to S&J Enterprises needed to be voted on with Commissioner Mauro having to abstain from voting to approve.

Commissioner Robinson made a motion to approve Audit#21273 in the amount of \$214.04 payable to S&J Enterprises. The motion was seconded by Commissioner Antonucci.

Commissioner	Yes	No	Absent	Abstain
Antonucci	X			
Isabella			X	
Mauro				X
Robinson	X			
Capano	X			

The remaining audited bills were presented and reviewed.

Paula Sturgess	-97.75
Fulton County Treasurer	-83.46
Running Supply Inc.	-351.38

GLOVERSVILLE BOARD OF WATER COMMISSIONERS

MEETING MINUTES – JUNE 15, 2021

Petty Cash	-204.28
Fidelis Care	-594.00
Christopher Satterlee	-400.00
Florida Blue	-444.80
Phyllis Ecker	-177.30
United States Postal Service	-440.00
NBT Credit Services	-459.73
Broadalbin MFG Corp	-270.00
Century Linen Service, Inc	-1,691.00
Christopher R Jablonski	-1,515.00
Core & Main	-225.47
Cranesville Block Company Inc	-40.36
CT Male Associates PC	-8,200.00
Daily Gazette	-140.20
Eagle Equipment Inc dba Pierce Equipment	-38.50
Empire BlueCross Retiree Solutions	-7,176.75
Ferguson Enterprises LLC	-205.80
Frontier Communications Corporation	-695.25
G A Bove & Sons Inc	-1,335.99
Gorman Bros Inc	-880.20
Hummel's OP Inc	-348.24
IDEXX	-4,628.86
Jeffrey F Lehner dba JFL Inc of Fulton Co	-451.49
JM Berry Enterprises Inc	-35.00
Municipal Emergency Services Inc	-116.70
MVP Health Care Inc	-24,575.92
MVP Select Care Inc	-52.50
National Grid	-2,878.36
Nethaway Motorcar Co LLC	-26.00
Post Mark Ship Print Inc	-16.55
Roger Putman	-688.00
WW Grainger Inc	-1,203.47
UCCI Trust	-732.68
Telecon Wireless	-595.56
Spectrum	-72.98
NBT Credit Services	-579.44
Anna May Yost	-891.00
Arlene Smith	-891.00
Avanti Control Systems Inc	-400.00
Barbara Hillabrandt	-891.00
Century Linen Service, Inc	-35.00
Cheryl Kennedy	-891.00
Commissioner of Finance	-593.00
Core & Main	-2,307.77
Cranesville Block Company Inc	-364.90
Cushing Stone Company Inc	-205.78
Dan's Excavation Service, Inc	-8,608.00
Dominic & Eleanor Donofrio	-1,782.00

GLOVERSVILLE BOARD OF WATER COMMISSIONERS
MEETING MINUTES – JUNE 15, 2021

Edith Miles	-891.00
Ferguson Enterprises LLC	-1,546.40
Frontier Communications Corporation	-131.94
Fulton County Dept of Waste	-15.00
Home Depot	-28.00
Janice Blodgett	-891.00
Jeffrey F Lehner dba JFL Inc of Fulton Co	-29.97
JH Consulting Group Inc	-1,136.00
JM Berry Enterprises Inc	-140.00
Joe Liszewski	-891.00
Kingsboro Lumber Co Inc	-496.22
Lowe's	-101.57
Michael LaPorta	-445.50
Monroe Tractor & Imp Co Inc	-69.95
MVP Select Care Inc	-52.50
Nancy Waffle	0.00
National Grid	-21.23
On the Side Security	-725.00
Phyllis Ecker	-891.00
Post Mark Ship Print Inc	-56.20
Richard Kennedy	-891.00
Robert E & Sandra Jackson	-1,782.00
Robert M Jackson	-980.40
Robert Renda	-891.00
Runnings Supply Inc	-654.24
Sacandaga Enterprises LLC	-64.90
Samuel Hillabrandt	-891.00
Security Supply Corp	-88.82
Sherwin-Williams Co	-237.28
Slack Chemical Company Inc	-1,967.00
Ted Penney	-891.00
Thomas Jackson	-891.00
UCCI Trust	-1,299.52
USA Bluebook	-339.72
WB Mason Co Inc	-189.28
William B Collins Co	-240.14
William Blodgett	-891.00
WW Grainger Inc	-27.40
Nancy Waffle	-1,336.50
Payroll Account NBT Bank	-16,749.55
Payroll Account NBT Bank	-1,219.36
Payroll Account NBT Bank	-17,227.49
Payroll Account NBT Bank	-1,255.88
NBT Bank HRA ACCOUNT	-10,000.00
Payroll Account NBT Bank	-17,745.25
Payroll Account NBT Bank	-1,295.54
Payroll Account NBT Bank	-19,324.36
Payroll Account NBT Bank	-1,416.27

GLOVERSVILLE BOARD OF WATER COMMISSIONERS

MEETING MINUTES – JUNE 15, 2021

Payroll Account NBT Bank	-18,990.09
Payroll Account NBT Bank	-1,390.79
	<u>-210,256.68</u>

A motion was made by Commissioner Robinson that the remaining audited bills are ordered paid. The motion was seconded by Commissioner Mauro.

Commissioner	Yes	No	Absent	Abstain
Antonucci	X			
Isabella			X	
Mauro	X			
Robinson	X			
Capano	X			

The minutes of the last meeting were presented, and a motion was made to accept the minutes by Commissioner Mauro. The motion was seconded by Commissioner Antonucci.

Commissioner	Yes	No	Absent	Abstain
Antonucci	X			
Isabella			X	
Mauro	X			
Robinson	X			
Capano	X			

Superintendent's Report:

Superintendent Mendetta discussed the following issues with the Board:

- 1) **Boiler Repair @ Plant:** Anthony reached out to Nicholas Plumbing and Heating to get some sort of a schedule of when they would be there to replace the Boiler. Nicholas responded that they are having trouble getting raw materials. The suppliers have pushed back the delivery date to the end of August for the Boiler. Anthony asked Nicholas if the delay will cause any additional price increases for installation or materials. Nicholas verified that the cost of installation will remain the same, but the price of piping and materials has increased at least 30%. Board feels that this should not be our problem as we did receive a written quotation that did not have any stipulations regarding delays. Andrew did also add that he will have to call the State and Hartford Steam and Boiler as our Boiler inspection is due in July and we do not want to get written up. We then discussed the other quote we received for this work and the other Boiler models that were offered by the other bidders. Anthony will get back to Nicholas and let him know about the Board's issue with the 30% increase. If Nicholas cannot honor the original prices quoted in March, then the Board will probably want to do a new RFP and bid this job out again. The Board requested that Anthony and Christine look back at the minutes and see if there was mention of how to proceed if delays in getting the Boiler and related materials were to occur.
- 2) **Electrical Project @ Plant:** Anthony informed the Board that the electricians will be there the end of the month to take care of the remaining change order work at the Plant. This will include the electrical for the Soft Start System for the Wash Pumps, tying into the panel and any other work that is remaining. The engineer who designed the project specifications from Jade Stone will meet the electricians to go over some details on the plans that they missed throughout the project and get these items resolved so that the project can be closed out. The Generator has been completed and we set up a maintenance plan where a company will come out and service it either every 6 months or 12 months. Anthony feels that because the Generator is not used very often, we should be able to have it serviced on a yearly 12-month basis. The Generator will be set to run

GLOVERSVILLE BOARD OF WATER COMMISSIONERS

MEETING MINUTES – JUNE 15, 2021

every 2 weeks for 30 minutes. Anthony verified for Commissioner Antonucci that they replaced the panel that was bent during installation.

- 3) **Eagle Street Water Tank:** We are still withholding the last \$5,000 for the project waiting for substantial grass to grow at the tank site. The contractor may have to come back one more time to seed the area.
- 4) **Lagoon Project:** Anthony informed the Board that Lagoon #1 is complete except for 2 4" PVC Ball valves that go down into the pit that need to be installed. Anthony discussed some corrections made to payment application #1 from CFI for Lagoon #1 which included removing the cost of the valves that have not been installed yet. Christine also mentioned a couple of Capital Project invoices for the Lead Service Project that were not processed in the Audit as we were waiting on CFI's corrected payment application. One was for Gorman Bros for Blacktop and the other for Ferguson for curb box keys.

Commissioner Mauro made a motion to allow the Clerk of the Water Board to issue payments to CFI for the Lagoon Project and to Gorman Bros. Inc. and Ferguson for the Lead Line Service project. With said payments to be issued prior to Audit Committee Chairman approval with all claims paid prior to, or without Audit Committee Chairman approval to be submitted to the Audit Committee Chairman for final review before the next meeting. The motion was seconded by Commissioner Capano.

Commissioner	Yes	No	Absent	Abstain
Antonucci	X			
Isabella			X	
Mauro	X			
Robinson	X			
Capano	X			

- 5) **Electrical for New Valves:** Anthony reminded the Board that last month he obtained a quote to wire in the new valves at the Plant. Fulton County Electric gave us a bid with labor not to exceed \$3600 and material at \$1,856.00 for a total of \$5,456.00. No other contractors got back to us at that time. Anthony did secure one more quote from A&M Electric with material at \$2,000.00 and labor at \$4,400.00 for a total of \$6,400.00. Andrew explained that at this time they are operating the valves by hand using a small hand crank tool. Fulton Co. Electric is also going to get us set up for when the rest of the valves are replaced so they can easily be wired in as well. Andrew explained that there are 14 valves left to replace. Once we have replaced all the valves, we can then call Aqua Logics and have them wire everything into a central control panel and then we will be able to automate the valves onto a Scada System. For the time being, we will be operating the valves that are already wired off a switch. Fulton Co. Electric is also going to protect everything with fuses so that if there is a surge, we do not compromise the Actuators.

Commissioner Mauro made a motion to accept the proposal from Fulton County Electrical to wire in the new valves at the Plant for a total of \$5,456.00. The motion was seconded by Commissioner Antonucci.

Commissioner	Yes	No	Absent	Abstain
Antonucci	X			
Isabella			X	
Mauro	X			
Robinson	X			
Capano	X			

- 6) **Aerator Port Creek:** Anthony gave the Board a current picture of our Aerator at Port Creek showing the terrible condition it is in. At the last meeting, the Board approved a Resolution adding the Port Creek Aerator to our list of Capital Projects under our Capital Project 10-R account. Anthony stated that we have a lot of these small projects that need to be addressed and his goal is to take care of 1 or 2 of these each year. Anthony explained that this Aerator is up on top of Strawberry Hill. There is a valve up there close to Port on a 10" line that can be opened to send water down to Rice Reservoir from Port. In front of

GLOVERSVILLE BOARD OF WATER COMMISSIONERS

MEETING MINUTES – JUNE 15, 2021

this there is another valve that can be opened that brings the water up through the top of the Aerator where the hole is and sends it down the tiers of the Aerator. This is the first process or oxidation process to take the excess iron out of the water before heading down to Rice. This is used all the time in the Summer when Rice Reservoir drops below 10 inches. The Aerator is 16x16 and is 100 years old. We received 3 Quotes for this project: 1) Steve Miller- \$25,900; 2) Dan's Excavation- \$36,250; 3) PHJ Holdings (Will Stock used to work for Dan's) - \$18,530. The specifications for the project is for the contractor to use coated rebar, put a sleeve in the top with 6" thickness on the walls built out with forms, and installation of caps on the tops 2" thick with wire mesh throughout. Basically, they will be refacing the Aerator by drilling into the sides pinning in the rebar and epoxying it in then they will bend the rebar and rewire everything together with coated rebar. Anthony will make sure that the contractor's have all the required insurance coverages. We installed, in house, a new 10" valve there. The old valve was designed so that the water could not be completely shut down to prevent the line from freezing. However, we installed a new 10" gate valve that we can shut down all the way if needed but will keep it cracked in the winter to prevent freezing.

Commissioner Mauro made a motion to accept the proposal from PHJ Holdings LLC in the amount of \$18,530.00 to rehabilitate our Port Creek Aerator. The motion was seconded by Commissioner Antonucci.

Commissioner	Yes	No	Absent	Abstain
Antonucci	X			
Isabella			X	
Mauro	X			
Robinson	X			
Capano	X			

- 7) **Bus Summer Help:** Anthony informed the Board that the Bus we have to transport the Summer Kids up to the Water Shed is having transmission issues and will need major transmission work. The city is selling one of their transit buses at this time and Bernie and Kolin went to check on it for us. The bus failed the DOT inspection for rust. The DPW mechanic looked it over and all it needs is some batteries and brakes and they are willing to fix those items. The city is willing to sell the used transit bus to us for \$1,000 if we are interested. We do not use the current bus that often. The transmission repair will cost much more than \$1,000. The summer help kids do report to the Plant and the only time we use the bus is when they are working away from the Water Shed at our other locations in Bleecker, Jackson Summit, Dickson etc....After discussion the Board decided to take no action for now.
- 8) **Nestle Water:** Anthony informed the Board that Nestle Water has been purchased by Blue Triton Natural Resource Group. Anthony and Christine are having a meeting with the Engineer in the morning and the new representative from Blue Triton. We will update the Board at the next meeting. Nestle/Blue Triton are still in the study phase at the Dickson Site.

At this time in the meeting Anthony wanted to break to allow representatives from CFI Construction Michel Martin and Frank Fernandez join the meeting to address the Board on issues related to the Lagoon Rehab Project. Chad Kortz and Jake Gordon from C.T. Male also joined the meeting.

The following issues were discussed as follows regarding the Lagoon Rehab Project.

1) Mike and Frank from CFI wanted to speak to the Board regarding issues with the liquid sludge in Lagoon #1. Frank wanted to again reiterate to the Board that they had difficulty removing the material from Lagoon#1. Frank stated that their trucks can hold 18 cu yards but were only able to hold a third of that or less due to the nature of the sludge being liquid. Therefore, they had to make 3 times as many trips to haul it away, which equates to 3 days extra to haul the material away over what they anticipated in their original bid. CFI is asking for approval for a Change Order to cover the 3 additional days of labor in the amount of \$14,225.63.

2) Frank stated that when CFI bid this project, they were under assumption that the under drains worked and therefore because they were plugged the Lagoon was never given the opportunity for the de-watering of the sludge in Lagoon #1.

GLOVERSVILLE BOARD OF WATER COMMISSIONERS

MEETING MINUTES – JUNE 15, 2021

3) Commissioner Mauro asked Frank what kind of Dump Truck was used to remove the material. Frank told Steve that they were using an articulating end dump truck with no tailgate. Steve wanted to point out that this type of equipment by itself would make it more difficult to haul this type of sludge. Michael stated that it was difficult. They had to take some sand material and build up a barrier across the back of the trucks to hold back the liquid sludge material. Frank stated that the sludge was liquid and that he did not believe anyone thought that it would be that bad as the specifications called for the stockpiling of the material. When CFI was dumping the material, it was not stockpiling it was self-leveling and gone.

4) Commissioner Mauro made the comment that it sounds like the material should have been pumped. Frank stated that normal pumping such as using a trash pump will not pump that sludge it will just plug up the pump. Frank stated that you would have to have some sort of dredging equipment or vacuum type equipment to pump the sludge. Commissioner Mauro stated that he is familiar with the Vacuum Equipment/Trucks from North American Industrial. Michael also mentioned that if you look at videos of other Lagoon Projects, they use a dredging system for sludge removal.

5) Michael stopped up to the Plant before the meeting and Lagoon #2 had some water on it as we had just gotten some rain. Frank also stated that they were there a week & ½ ago and it had a foot of water on the top. Michael stated that he feels lagoon#2 looks to be drying out rather good. For Lagoon#2 CFI would like to let it dry out and mix it up. The material in lagoon#2 is better than that of lagoon #1. Anthony and Andrew went through our procedure of how we clean the Basins including de-watering the sludge, letting it freeze dry over the winter, and removing the material in the summer.

6) Frank suggested that we get Lagoon # 2 to dry up as much as we can in the next month, then see if the sludge is better than it was in Lagoon #1.

7) Jake Gordon addressed Frank and Michael to basically tell them that when he put the bid specifications together, he tried to keep it as generic as possible to leave it open to the contractor to decide the best method for de-watering. Jake used generic pumping names to give the contractor some flexibility in what pumping equipment could be used. Frank asked then where do they pump the water on the other lagoon that is not complete? Frank felt by doing that, we could have the same issue with lagoon#2. Andrew pointed out the material in Lagoon #2 now is exactly what we are going to dump in there in July or September when we clean the basins. Frank is concerned that Lagoon #2 may be deceiving like Lagoon #1 as the top looks like it is drying out, but underneath may not be.

8) Michael suggested that they keep going up once a week and pushing the sludge to the side to get it to dry out. Michael feels that if they do this for approximately 6 weeks by the middle/ end of August they may be able to haul the material out with no issues.

9) Jake Gordon then suggested that the lagoons may have not drained properly over the years for the following reasons. Jake feels that what may have happened is that if we are dumping our basins and any of the solid material is allowed to spill out into our outlet structure it could be going from there back into our underdrains allowing them to get clogged up. Andrew then went through the actual process whereby we open the Ball Valve at the top and continue to open each valve slowly until we reach solid sludge material then we open the underdrains. Jake feels that the main pipe for the underdrains may be plugged now and that may be why Lagoon#2 is not working properly. Anthony also mentioned that they cleaned out the pipe today with our Vac Truck however we don't know if it made a difference yet. Michael took a picture before the meeting, and it looks much better.

10) Michael asked if we could send the wastewater from the sludge to the Wastewater Treatment Plant. However, we do not have a Sewer line at the plant. The sludge is mostly organic by-products of the water treatment process. Michael also mentioned some chemical products that could be used to dry out the sludge. Commissioner suggested again that they allow the material to dry out around the edges.

11) Andrew also suggested that in the future when we drain the basins, we could drain one to lagoon#1 and the other to lagoon#2. This would allow for ½ the material being dumped in each lagoon which may be able to be handled easier.

12) Anthony then questioned CFI's letter where they stated that there was 42 inches of sludge in Lagoon#1. Anthony disputed that there could not have been anywhere near that much as he took several pictures that did not indicate more than the 24 inches as

GLOVERSVILLE BOARD OF WATER COMMISSIONERS
MEETING MINUTES – JUNE 15, 2021

was stated in the bid specs. Anthony also pointed out that we proved that there was no more than 24 inches of sludge in the lagoon as if there were, CFI would have been digging through the liner.

13) Anthony then pointed out that when he originally went to the jobsite, CFI had the same employee loading the sludge onto the front-end dump and then hauling the material to the dumping location. Anthony questioned this as being part of the reason for it taking extra time. Michael said they did this because they had to have the other guy at the top of the hill rebuilding the tailgate for each load.

14) Michael mentioned the possibility of installing a layer of fabric to extend the life of the lagoons in the future. Anthony also mentioned the possibility of using the Geo-textile bagging system that has been talked about. Both options of the installation of a layer of fabric and the use of geo-textile bags was discussed by all. Andrew is planning to do a test pumping onto Lagoon#1 with our mudsucker pump to see if everything is working properly. Anthony also pointed out to Michael and Frank from CFI that our mudsucker pump was down in the sludge and pumped it with no issues. Anthony also reiterated that pumping the excess water from the sludge was part of the contract and if they were or we were able to monitor the sludge pump, he thinks the material could have been dried out and would have been able to be excavated in more of a solid state.

15) Michael then again told the Board that the top layer of Lagoon #1 was very deceiving as they did not realize how bad the sludge underneath was going to be. Anthony then reiterated that we would not have even bid this job out for the rehab had the Lagoons been drying out as they were meant to. Anthony also pointed out that CFI removed the underdrains and piping and saw that it was deteriorated and clogged. Therefore, CFI's assumption that the underdrains would drain the excess water was not realistic given the condition of the underdrains.

16) Michael then again asked if putting a layer or blanket of fabric on the top of the sand layer before we clean the basins in September would help. Anthony felt that one of the main issues is that when we get in there with an excavator to clean the lagoons, we are sometimes pushing the top layer of sludge into the sand and filter media below. Therefore, the layer of fabric may not be a bad idea. Jake Gordon also pointed out that one of the reasons that C.T. Male thought was the cause of the lagoon's failing was us being in and out of there with equipment cleaning it out with the wheels turning and damaging the sand and pushing it into the stone layer. Anthony also pointed out that the deteriorated pipe that was removed from Lagoon#1 was loaded with sand. We then discussed the Geo-Textile bagging system, and how this might work to our favor to remove the sludge as another option. It also was discussed that the geo-textile bags can not be re-used as they have to be cut open and emptied when filled. Andrew also mentioned that some municipalities use de-watering boxes whereby they can be reused. Once the boxes fill up with dried sludge you dump them and clean them and place them back into the lagoon. However, the de-watering boxes are much more expensive than the geo-tech bags which can not be re-used.

17) Chad Kortz addressed the Board stating that if we think that the issue is our fine material going down through the sand and blinding off our filter capacity, any fabric or filter material needs to be designed to retain the smallest particles back. When you are ready to remove the layer of dried material the fabric may be a good tool to protect the layer of sand as you would be able to tell where it starts when you start hitting the fabric while excavating. We would be still looking at disposing of the fabric and replacement of it after removing the dried sludge every year. It was pointed out that we will always lose some sand while removing the top layer of sludge as we have in the past. Anthony pointed out that we usually add some sand every year. Chad also stated that we should make sure that we use a good quality mason sand that is uniform and drains well which will make a huge difference. Anthony did point out that we have gotten 30 years out of these lagoons which is well over what we could expect from them.

18) Michael also suggested some sort of bagging system just for our backwash water to get rid of that separately and keep using the Lagoons just for cleaning the basins. Chad also mentioned that the whole concept of the Freeze/Thaw type lagoons is that you need that freeze thaw cycle to get the remaining water to release from the sludge.

19) Frank from CFI then asked if they could leave the contract open allow Lagoon #2 to go through the freeze/thaw cycle, then they can come back in and haul away the sludge so that it is not in a liquid state like Lagoon#1 was. Anthony did not seem to think that would be an issue as we do have one working Lagoon#1 finished. Jake also suggested that they go up again in 6 weeks and see what Lagoon#2's sludge looks like. It was suggested that CFI come back in the middle of August and see what it looks like. Anthony and Andrew did not see an issue as Lagoon #1 is complete and they were planning on alternating them from year to year anyway. Therefore,

GLOVERSVILLE BOARD OF WATER COMMISSIONERS

MEETING MINUTES – JUNE 15, 2021

we can dump on Lagoon#1 this year and Lagoon#2 next year. They then discussed some other options such as a vacuum excavator. Anthony mentioned that Chris Satterlee had a company come a few years ago with one of these vacuum excavator's and had to ask them to leave as the truck was not large enough to take care of the sludge. Anthony also mentioned that when we took our Vacuum Trailer up there, we had no problem sucking out the structures where the material had dried out. Commissioner Antonucci asked why the liquid in the sludge couldn't be pumped into tanker trucks. Andrew wants them to pump the sludge from Lagoon#2 on Lagoon#1 to make sure it is going to drain properly. Frank stated that the problem with a tanker truck is that they only have a 4" line and what if it plugs up, then we would have an issue again. Also, you would still have material settling in the bottom, that may not be able to be pumped out.

20) Chad asked Frank how much volume they can get in their dump trucks. Frank stated they can get 16 yards (neat) in their trucks. With the nature of our sludge being so liquid, they were getting less than 6 yards. Chad stated that a Vacuum Truck would give you the ideal set up for this type of material as it gives you a contained tank while allowing you to open the hatch and dump it. Chad stated if we are willing to watch Lagoon #2, devise a stone check dam to let all the rainwater go out so we don't have to pump it, get the under-drain line disconnected so its not plugged and the water has a way to go out and leave the valve open this might allow Lagoon#2 to dry out. Chad feels that after we take these steps CFI should be able to come back in August and remove the material fairly quickly as long as it has dried out sufficiently. Frank also asked if he could meet us at the site on Thursday at 1pm and see how the material looks now. Anthony also stated that we can keep an eye on the site and keep our pump going to continue the de-watering of Lagoon #2.

21) Commissioner Antonucci stated that the bottom line why CFI came to the meeting was not only to figure out how to attack Lagoon#2, but to discuss the Change Order for the additional time they had invested due to the liquid nature of the sludge from Lagoon#1. Frank stated that he was not worried that they would get paid for what they did as the contract is only 50% complete. Frank also stated that if we can't figure out another way to move this material somewhat productively, if we want to terminate the contract for convenience, or if we want to work on a solution with CFI, they are willing to do whatever they can. Frank also mentioned that if we can get the material dried out enough for Lagoon#2 and they can move the material in one day it would even the contract up for the extra time spent on Lagoon#1 and the change order could be negated. Frank asked for us to work with them and make them whole for the additional work. Frank and Michael then left the meeting.

The Board, then discussed the Change Order Request from CFI with Jake Gordon and Chad Kortz and the following points were made.

1) Commissioner Mauro stated that the Vacuum Excavators that he had mentioned to CFI earlier in the meeting should have no problem taking care of the material in the lagoons. Anthony also mentioned that 6 years ago Chris Satterlee had a spill company some with a vacuum excavator that did not work well at all to clean out lagoon#1. Anthony stated that we were also told that the price for a Vacuum Truck would be substantially more than using the Dump Trucks that CFI are using now. Commissioner Mauro would like Anthony to make a phone call to a representative from North American Industrial just to see what the price would be for one of their Vacuum Excavators. This way we no for sure if leasing one of these trucks would have costed that much more.

2) Anthony stated that CFI won the bid for this project. We had a pre-construction meeting where we threw rocks in Lagoon#1 and could clearly see that the sludge was liquid. Even after seeing this, CFI wanted to start the job that day. CFI then knew how the sludge was not in a solid form and started the job the next day. Anthony also stated that he did not know how they came up with 42 inches of sludge in Lagoon#1.

3) Anthony stated that he would like to work with CFI but does not feel that the Change Order for the extra time in the amount of \$14,225.63 is justified. Anthony told the Board that he had no problem authorizing the change orders for the boot for the outlet structure.

4) Andrew also stated that we don't mind helping them out with Lagoon#2 and basically doing some of the work for them, but he feels we should not have to pay them more money for Lagoon#1.

5) Jake then stated that Frank was just looking for us to cover the 3 extra days it took for removal of the sludge from Lagoon#1.

GLOVERSVILLE BOARD OF WATER COMMISSIONERS

MEETING MINUTES – JUNE 15, 2021

6) Commissioner Mauro stated that the method they were using to remove this sludge was archaic and made no sense. Steve also stated that there must be a more economical cost-effective way to move this material. Anthony then reminded them again how they had his operator loading the truck getting out and getting into the dump truck to remove the material. The fact that CFI, only had one employee doing everything, had to have contributed to the extra time for removal.

7) Commissioner Mauro also had a contact for us for the geo-textile bags and the de-watering boxes that he will put is in touch with to see what other products are out there.

8) Commissioner Capano stated that the bottom line to this issue is that CFI took a job on that they could not handle. Mr. Capano feels that CFI gave us the low bid because they wanted the job. Now they have found out that they can't handle the job and that is not our fault.

From an Engineering standpoint, Anthony wanted to hear from Jake Gordon and Chad Kortz there opinion on this Change Order request as it relates to the plans for the project. Also, Commissioner Mauro wanted to know if we were in our rights to deny the Change Order.

1) Jake Gordon stated that in his opinion, we do not owe CFI any more money. In the Plans Jake noted that there is approximately 2 feet of sludge on both lagoons and CFI has not been able to prove that there is more than 2 feet. If there was 42 inches of sludge as claimed by CFI, it would be below where the pipes are which is impossible. Lagoon#1 proved to be in line with our record plans, if there were 42 inches of sludge, CFI would not have put the sand, stone, and pipe back exactly where they were on the plans. We also know that the sludge was up to the bottom of the weir box. This is where Jake came up with the 2 feet of sludge measurement. Jake was able to prove that Lagoon#1 matched the record plans and has no reason to believe that Lagoon#2 is any different. Even though we have dumped more on Lagoon#2, Jake thinks we have also lost some sludge over the years. Jake also measured from the bottom of the weir box in Lagoon#2 and came up with the 2 feet of sludge measurement.

2) Commissioner Capano also mentioned that in the picture CFI was showing 42 inches of sludge on the side of the lagoon, wouldn't that make it much deeper in the middle which would really be impossible. Andrew also mentioned that Jake's 2 feet measurement was taken at the deepest point of the lagoon.

3) Chad stated that CFI had sent mixed messages on this issue. In CFI's first letter they mention the 42 inches of sludge, then in their second letter CFI states that they were not really arguing about the quantity. Frank also started going down that road at this meeting then changed the conversation to the nature of the material not the quantity.

4) Chad also stated that CFI did not do what C.T. Male asked them to do in the bid specifications. If CFI had followed the sequencing plan that C.T. Male had devised, and it did not work maybe they would have a legitimate complaint. Chad stated that CFI did not follow the sequencing plan at all. Chad also felt that CFI should have stopped work and contacted someone to address the issues before they spent the extra workdays.

5) Jake then stated that because no one was exactly sure about the nature of the sludge the sequencing plan laid out by C.T. Male was as follows:

a) Contractor was asked to dig sumps and throw pumps in them. They were to then pump all the excess water from the sumps into Lagoon#2. This was not done by CFI.

b) Contractor was asked to de-water the material as mush as possible. This was not done by CFI.

c) Contractor was to make sure under drains were open, get rid of the sludge, replace the media and piping.

GLOVERSVILLE BOARD OF WATER COMMISSIONERS

MEETING MINUTES – JUNE 15, 2021

d) Contractor was to then move on to Lagoon#2. For Lagoon #2 the contractor was to bring a geo-textile bag, dig sumps and pump everything they can into the bag on the new sand bed. CFI never tried the bag and did not dig any sumps. CFI claimed it would not work.

6) Jake stated that CFI did not follow any of the instructions on the plans, did not try to pump off the excess water, or show that it would not work by proving that their pumps would get clogged. Jake also stated that CFI try to call out in one of their letters that the plans did not specify a sludge pump. However, Jake again explained his reasoning for keeping the pump requirements more generic to allow the contractor some flexibility. Anthony then told the Board that CFI never even tried to use a sludge pump, but we did, and it worked fine. Anthony also showed the Board a video of our sludge pump right down in Lagoon #2 working fine. Chad also mentioned that it took CFI 3 days to call Chad to tell him that there was a problem with the sludge.

7) Chad addressed the issue of Frank mentioning termination of the contract for convenience. Chad stated that any party can terminate a contract for convenience if both parties agree. Frank basically agreed to let us terminate the contract and move forward with another contractor with us to pay CFI for the work they have done so far. Chad feels that maybe he just wanted to get out of it, to prevent losing any more money.

8) Commissioner Mauro suggested that Anthony meet with CFI at the other Lagoon and in the meantime contact North American Industrial to see what they have to say concerning their vacuum excavators.

9) Commissioner Antonucci feels that C.T. Male should contact CFI and inform them of our decision to deny the Change Order.

10) Andrew had Michael send him a picture of Lagoon#2 today which appears to be looking better since we cleaned the under drains out with our mudsucker. Andrew told Commissioner Mauro that it should take approximately 1 week to know if the under drains are working again.

11) Commissioner Antonucci also was concerned that if we contact the Vacuum Truck Company, they are going to want to know the consistency and the contents of the sludge. Commissioner Mauro feels that this would not be an issue as North American services big industrial accounts all over the country and their trucks are specialty trucks. Commissioner Mauro would like us to find out what the cost would be and is it really much more expensive in the long run than what CFI was doing.

12) Anthony was concerned about a lawsuit. Anthony was worried about the generic language in the plans and could that be an issue for us.

13) Jake mentioned that they made no assumptions about the sludge. Chad feels that if CFI had stopped from day 1, they would not have had any time into it and would not have had to hit us with a bill.

14) Commissioner Antonucci also mentioned that CFI was using a 24-inch bucket instead of a larger one also which could have affected the extra time needed for the job.

15) Chad mentioned that means and methods are the responsibility of the Contractor. However, C.T. Male gave them a plan to complete the job and they did not even try anything.

16) Anthony is going to meet CFI at Lagoon #2 on Thursday along with Jake to see condition of Lagoon #2 currently.

Commissioner Antonucci made a motion to have C.T. Male Associates. send a response on behalf of the Water Board to CFI Contracting Inc. denying the approval of their Change Order in the amount of \$14,225.63. With the Board's denial of the Change order based on items as discussed with our Engineer's from C.T. Male Associates. The motion was seconded by Commissioner Mauro.

GLOVERSVILLE BOARD OF WATER COMMISSIONERS
MEETING MINUTES – JUNE 15, 2021

Commissioner	Yes	No	Absent	Abstain
Antonucci	X			
Isabella			X	
Mauro	X			
Robinson	X			
Capano	X			

17) Chad then made the suggestion moving forward to Lagoon #2 , if there is a way, we can make it easier it will help. Anthony was just a little aggravated that we are doing for CFI, what they were supposed to do in the first place according to the contract specifications. Chad agreed that we should not have too. However, if we help them out, they should drop the change order if we are doing part of their job for them.

18) Commissioner Antonucci mentioned the corner of the catch basin that CFI had ran over several times. Anthony and Andrew told Gary that it has always been sunk in like it is now. Anthony will keep an eye on it and if any damages are done, CFI will have to take care of it before the project is closed out.

Chad and Jake then left the meeting. Anthony and Andrew then went over with Board the work that has been done with Lagoon#1 and answered some questions. Andrew also assured the Board that the liquid Allum should not affect the consistency of the sludge because the by-product is the same as we would get using dry Allum. Commissioner Antonucci felt that maybe we should contact another plant who is using liquid Allum and make sure that their lagoons or basins are similar to ours. Commissioner Antonucci is worried about the way the Lagoons are being rehabbed and would the liquid Allum negatively affect their effectiveness. Anthony does not feel that the liquid Allum is the cause of the lagoon's deterioration, he feels it is years of use. Commissioner Mauro asked what the chemical difference is between Liquid Allum and Dry? Andrew stated that Liquid Allum is poly aluminum chloride and is a polymer rather than a dry granular chemical. However, in the winter the liquid Allum does not have to be put into a solution before it is injected into the water. So, the liquid alum in the winter helps our coagulation process and helps keep our turbidity and our settling levels down which makes the efficiency of our filters and our plant overall go up. Rather than 2-hour filter runs, we are getting 6-hour filter runs with the liquid Allum. Andrew also stated that with liquid alum, there is no by-product in the water if you dose it right. Therefore, Andrew does not feel that we should get any different material from Liquid alum than we do from Dry. Anthony also feels that having less experienced equipment operators in cleaning out the sludge could cause issues if they do not skim the top layer and are digging into and disturbing the sand and filter media layers. Anthony also mentioned the benefit of us now renting a skid steer as we have for the last couple of years to prevent our tractor tires digging into the sand and media layers of the lagoons. Andrew and Anthony then reminded the Board that they had ran the question regarding liquid alum by C.T. Male at a previous meeting when Andrew mentioned that he notice a change in the consistency of the sludge. At that time C.T. Male said that it should not affect our cleaning of the lagoons. Andrew also called our salesman and one of the lab technicians at Holland Company and they assured him that the by-product of our sludge with liquid Allum should be the same as it would with dry. Andrew also mentioned that the lagoons should last longer with the new schedule 80 piping. Anthony also stated that they put bigger holes in the pipe and used bigger stone. Andrew then left the meeting.

Superintendents Report – Cont.

- 9) **Tryon/Vireo Health Expansion:** Anthony told the Board that the properties at Tryon have been purchased by Vireo Health. Vireo is building a massive complex to add to their existing medical marijuana facility. Prior to taking over the Tryon water line the county had installed all new infrastructure except for the water line that ran from the pump station up to the water tower. Vireo is upgrading that water line at their expense and wish to relocate it. Where the water line is now it would have the building sitting over top of it if left there. They want to run the new water line about halfway up the roadway the County constructed where the electrical lines are located and into the woods into our old infrastructure there. Anthony is not too happy about them tying into the old infrastructure however he feels we don't have a choice. Fulton Co and the IDA have put together a Right of Way agreement for their underground electric lines and are going to include the water line on it. The right-of-way will encompass approximately 15 feet on both sides of the roadway whereby the underground electric lines and new water line will be located and tied into the current existing water line. It is estimated that Vireo will use approximately 50,000 more

GLOVERSVILLE BOARD OF WATER COMMISSIONERS

MEETING MINUTES – JUNE 15, 2021

gallons of water per day. Anthony heard that Vireo wants to be in the new building by Spring of next year. There is no downfall for us if the Right-of-Way is approved. The County has hired a firm out of Chicago to handle this project.

Commissioner Antonucci approve the above-mentioned right-of-way agreement with the Fulton County IDA for a new water line. for the expansion of the Vireo Health Facility. The motion was seconded by Commissioner Mauro.

Commissioner	Yes	No	Absent	Abstain
Antonucci	X			
Isabella			X	
Mauro	X			
Robinson	X			
Capano	X			

10) Fire Dept Comm Building: Anthony wanted to discuss a letter he wrote recently to the Fire Department on behalf of the Board. In the letter the Board wanted Anthony to request that the Fire Department complete some work at their communications building which is located on our property at the Eagle Street Water Tank site. In the letter the Board was requesting that the Fire Department complete several items. Chief Groff took our requests back to the Finance Committee and Art Simonds was not happy with the demands. Anthony explained that the Fire Department did not have the money in their budget for these items and had to bring the list to the Finance Committee. Anthony explained that the Fire Department did purchase the paint for the building. However, nothing else has been done at this time and Anthony would like to know how the Board would like him to proceed. The list was as follows:

- a) Install blacktop driveway from road to communications building
- b) Install section of black vinyl fencing around the generator
- c) Paint the Comm Building the same color as the tank.
- d) Get rid of the blue propane tank for generator on site.

Anthony explained that the Blue Propane tank is still there because we told them to hold off. We are unsure if we will need a pump station there and we do not want any underground gas lines in the way if and when we need to install new water lines.

Anthony also mentioned that the Fire Department has said that they do not need permanent access to the site in the form of a driveway as they can walk to the building if there is an issue.

Gary explained that he was asking for a fence as a sound barrier around the Generator because they installed the Generator for the Building facing the houses on Wells Street and set it up to exercise itself once a week and the Generator is very loud. Gary also talked to Tom and told him that we will not dig a gas line for them. DPW will have to run the gas line themselves, however they can not do so until we find out if we will need a pump station there.

Anthony explained that he talked to Sarah and DOH about installing household pumps at the houses on Grandview Drive with pressure issues. Anthony talked to Chris Satterlee, because we had installed household pumps on Spring Avenue years ago when we got rid of the pump station there. At that time, we reached out to Chris Demmie from DOH and he wrote the specifications out and allowed us to install the household pumps. We may not have to install a new pump station on Grandview Drive; however, we must wait for a decision from the Dept. of Health before we can allow the city to dig for and install an underground gas line at the site.

After discussion, the Board decided to table this issue until the next meeting.

11 Increased Water Rates: Christine wanted to give the Board some information to take and look at to put a plan together when we meet the next time. Christine wanted to give the Board some additional information that was not discussed previously regarding the GIGP meter grant. We were previously talking about the possibility of adding a ½ percent (+-) to the regular water rate increase to be allocated to paying down our debt and adding a ½ (+-) percent to the regular water rate increase to be allocated to a reserve fund for infrastructure. Anthony wanted to figure out a way to take advantage of this grant money we received to get this newer style equipment,

GLOVERSVILLE BOARD OF WATER COMMISSIONERS

MEETING MINUTES – JUNE 15, 2021

capitalize on the full amount of funding, but not put such a burden on our department knowing what projects we have coming down the road. Anthony and Christine thought that we are going to be upgrading our metering system and giving the customers a tremendous service. Why couldn't we have the customers partially fund this upgrade. Christine also mentioned that the amount of rate increases are going to depend on what we decide to do regarding the Meter project, how much we must Bond for, and what our bond payments are going to be. Commissioner Mauro made a suggestion that we set up a Special meeting for another day so that we can go over this in depth. A Special Meeting was then set up for June 29, 2021, at 4:00pm.

12 Other: Commissioner Mauro wanted to discuss Anthony's prior suggestion regarding the Meter Project that we hold back on completing a section of the city and installing the new meter's ourselves in one of our Districts. Commissioner Mauro and some of the other Board members did not think that this was a good idea. Anthony explained that he and Christine made that suggestion because prior to the Grant submission we submitted to the Board a \$1.2 million dollar project. After thinking through the proposal of us hiring people ourselves to install these meters, we felt that it may be a better idea to have an outside company complete the installations due to the lack of labor force in our area and coming to terms with the fact that we probably are not going to find people who want to take a temporary job at \$15.00 per hour when they can start at Walmart and other employers for over \$20.00 per hour. The decision to have an outside company do the installation will cause the cost of the project to increase significantly. Anthony and Christine were trying to think of a way to take advantage of the full grant amount, staying with a project cost amount we were comfortable with, and be able to complete this project. Upon looking at the numbers, we figured out that we can get Districts #2 & 3 done now and leave District #1 as drive by for now. Then, over the course of the next few years, we could finish up District #1. Commissioner Mauro asked Christine if we can afford to have a company come in and do the installations for the entire city. Christine stated that if we bond it over a period of years, the Bond payment would be approximately \$46,000 per year which is not bad. Commissioner Mauro believes that we need to get in and get these meters done all at once and fears that with all the projects that we have going on that we may not be able to handle it. We need to stress to the customers that your rates are going up this year, but this is what we are doing. This is what is going to save us on the infrastructure side of things and upgrades. Down the line it is going to save us money due to the new technology because we don't have to hire another employee etc. We also have some new revenue coming in from Vireo and Hoffman's. However, Christine reminded them that due to the decrease in Industrial consumption, this increase may only break us even. Christine worries that with the Conditioner and the possible Grandview Drive Pump Station being big ticket items. Can we afford future bonding for these items? These projects are being mandated and they are critical to providing clean safe drinking water to our residents. Commissioner Mauro stated that if the residents look at our department over the last 20 years, they will see a 180-degree change. We own our own building now, we have mostly updated equipment, with some in need to be replaced, we rebuilt the Water Treatment Plant among many other improvements we have made. Christine also stated that us getting into the habit of putting reserves away for future debt and infrastructure is a good plan.

Clerk's Report:

Commissioner Antonucci presented the following motion: THAT, the Board of Water Commissioners authorizes the Clerk of the Board to adjust District#2 & 3 Billings for the following amounts:

District #2 - Credit Water \$69.44; Credit Water Late Fee \$6.91- Min Charge Scale Error/ Min Charge outside City residents only adjusted with usage under minimum cubic feet only. To adjust bill for property located at 140 Easterly Street.

District #2 - Credit Water \$76.83 - Min Charge Scale Error/ Min Charge outside City residents only adjusted with usage under minimum cubic feet only. To adjust bill for property located at 14 Elmwood Ave.

District #3 - Credit Water \$45.08 - Min Charge Scale Error/ Min Charge outside City residents only adjusted with usage under minimum cubic feet only. To adjust bill for property located at 65 Saratoga Blvd.

District #3 – Credit Water \$50.39; Credit Sewer \$49.29; Credit Infra \$17.88. Estimated bill too high Actual Read Lower. To adjust bill for property located at 87 Woodside Ave.

GLOVERSVILLE BOARD OF WATER COMMISSIONERS
MEETING MINUTES – JUNE 15, 2021

A motion was made by Commissioner Mauro, seconded by Commissioner Robinson that the above motion be adopted.

<u>Commissioner</u>	<u>Yes</u>	<u>No</u>	<u>Absent</u>	<u>Abstain</u>
Antonucci	X			
Isabella			X	
Mauro	X			
Robinson	X			
Capano	X			

Christine received the following COVID relief Deferred Installment Plans: Homeowners must Self-Certify a Financial Hardship due to COVID-19.

- 1) 85 Third Street – COVID-19 Plan at \$47.91 for 6 months.
- 2) 10 Franklin Street- COVID-19 Plan at \$280.57 for 6 months.
- 3) 133 Fremont Street - COVID-19 Plan at \$102.40 for 5 months.
- 4) 100 S. Kingsboro Ave - COVID-19 Plan at \$45.27 for 5 months.

Commissioner Robinson made a motion to approve the above noted Deferred Payment Plans for the Properties at 85 Third Street, 10 Franklin Street, 133 Fremont Street, and 100 S. Kingsboro Ave. Deferred Payment Plans with no Interest and Penalties and no down payment required contingent on self-certification of Financial Hardship due to COVID-19. The motion was seconded by Commissioner Capano.

<u>Commissioner</u>	<u>Yes</u>	<u>No</u>	<u>Absent</u>	<u>Abstain</u>
Antonucci	X			
Isabella			X	
Mauro	X			
Robinson	X			
Capano	X			

A motion was made by Commissioner Mauro to adjourn the meeting. The motion was seconded by Commissioner Capano.

<u>Commissioner</u>	<u>Yes</u>	<u>No</u>	<u>Absent</u>	<u>Abstain</u>
Antonucci	X			
Isabella			X	
Mauro	X			
Robinson	X			
Capano	X			

The next meeting will be held on Tuesday, July 13, 2021, at 6:00pm.