

**LEGAL NOTICE**

**NOTICE IS HEREBY GIVEN** that the preliminary budget of the Town of Warwick for fiscal year beginning January 1, 2026, will be completed and be on file on October 30, 2025, in the following locations where it will be available for inspection by any interested person at all reasonable hours:

1. Office of the Town Clerk, 132 Kings Highway, Town of Warwick,
2. Town of Warwick Website, townofwarwick.org
3. New York Florida Village Hall, 33 S. Main St., Village of Florida, New York
4. Albert Wisner Public Library, One McFarland Dr., Village of Warwick, New York
5. Greenwood Lake Public Library, Waterstone Road, Village of Greenwood Lake, New York
6. Pine Island Post Office, 665 County Rt. 1, Pine Island, New York

**FURTHER NOTICE IS HEREBY GIVEN** that the Town Board of the Town of Warwick, will meet and review the preliminary budget and hold a public hearing thereon at the Town Hall, 132 Kings Highway, Warwick, New York, on Thursday, November 6, 2025 at 7:00 p.m. or as soon thereafter as the matter can be heard in favor or against the preliminary budget as compiled or for or against any item or items therein contained.

**PURSUANT TO SECTION 112** of the Town Law, the proposed salaries of the following elected officers are hereby specified as follows:

<b>SUPERVISOR</b>	<b>\$95,000</b>
<b>TOWN CLERK</b>	<b>\$69,366</b>
<b>RECORDS MANAGEMENT</b>	<b>\$4,295</b>
<b>COUNCILPERSONS</b>	<b>\$13,000</b>
<b>RECEIVER OF TAXES</b>	<b>\$48,526</b>
<b>JUSTICES</b>	<b>\$31,000</b>

**DATED: 10/29/25**

**BY ORDER OF THE TOWN BOARD OF  
THE TOWN OF WARWICK  
Eileen Astorino, Town Clerk**

## LEGAL NOTICE

NOTICE IS HEREBY GIVEN that the Town Board of the Town of Warwick, Orange County, New York, has completed the Assessment Roll for the purpose of raising funds for the operation and maintenance of the following Special Districts of the Town of Warwick:

1. Wickham Village Water District
2. Eurich Heights Water District
3. Bellvale Park Water District
4. West Side Greenwood Lake Water District
5. Pine Island Water District
6. WVOTCP Water District
7. Hillside Water District
8. Warwick Fairgrounds Water District
9. WVOTCP Lighting District
10. Warwick Sewer District #1
11. Warwick Sewer District #2 (Fairgrounds)
12. Garbage District
13. Warwick Ambulance District #1 (Warwick)
14. Warwick Ambulance District #2 (Greenwood Lake)
15. Warwick Ambulance District #3 (Pine Island)
16. Warwick Ambulance District #4 (Florida)
17. Kings Estates Park District

That the Town Board has completed the Assessment Roll for the purpose of paying the cost of electricity for the lighting system in the Pine Island Lighting District and the Kings Estates Lighting District and that said Assessment Roll is on file in the Office of the Assessor at the Town Hall and that the Town Board will meet at the Town Hall, 132 Kings Highway, Town of Warwick, Orange County, New York on Thursday, November 6, 2025 at 7:00 p.m., or as soon thereafter as the matter can be heard for the purpose of hearing and considering any objections which may be made to said Assessment Roll.

DATED: 10/29/25

BY ORDER OF THE TOWN BOARD OF  
THE TOWN OF WARWICK  
Eileen Astorino, Town Clerk

## **NOTICE OF PUBLIC HEARING**

**PLEASE TAKE NOTICE** that the Town Board of the Town of Warwick will be holding a Public Hearing to consider Proposed Introductory Local Law No. 3 of 2025 entitled, "Amending Local Law No. 10 of 2024 "a Local Law, which extended for a further 12 months, Local Law No. 4 of 2023 a six-month moratorium prohibiting the review and approval of clean renewable energy technology businesses devoted to research, education, distribution or application of technological innovation in alternative energy uses in the Town of Warwick for an additional fourteen (14) months to expire December 31, 2026. Said hearing to be held on Thursday, November 6, 2025, at 7:00 p.m. or soon thereafter may the matter be heard at Town Hall, 132 Kings Highway, Town of Warwick.

A complete copy of the Introductory Local Law is available for inspection in the Clerk's Office and/or the Town of Warwick website, [townofwarwick.org](http://townofwarwick.org).

All interested persons will be given the opportunity to be heard.

DATED: October 29, 2025

**BY ORDER OF THE TOWN  
BOARD OF THE TOWN OF WARWICK  
EILEEN ASTORINO  
TOWN CLERK**

X

**Warwick Town Clerk**

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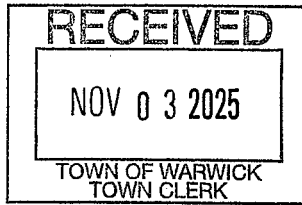
**From:** Greenwood Lake Commission <1616gwlc@gmail.com>  
**Sent:** Monday, November 3, 2025 8:44 PM  
**To:** GreenwoodLakeCha; Katheleen Holder Village Clerk; VillageofGreenwo; Warwick Town Clerk; WarwickValleyCha  
**Subject:** 2025 Greenwood Lake Bi-State Commission Meeting Minutes  
**Attachments:** 2025 July Meeting Minutes\_Aproved.pdf; 2025 May Meeting Minutes\_Aproved.pdf; 2025 March Meeting Minutes.pdf; 2025 June Meeting Minutes\_.pdf; 2025 April Meeting Minutes -Approved.pdf; 2025 February Meeting Minutes.pdf; 2025 January Meeting Minutes.pdf

Hello,

Please see attached Approved meeting minutes for the Greenwood Lake Commission from January - July. We will hopefully vote on the August and October meeting minutes in November. There was a meeting in September, however we had technical issues and the meeting was not recorded.

Kind Regards,

Allison Wagner  
Greenwood Lake Commission  
P.O. Box 93  
Hewitt, NJ 07421  
[info@gwlc.org](mailto:info@gwlc.org)



## GREENWOOD LAKE COMMISSION

### JANUARY 21, 2025 MEETING MINUTES

Hosted at The West Milford Library in West Milford, NJ and Teleconference via Zoom

**COMMISSIONERS ATTENDANCE:** Floyd DeAngelo, Jack Roe, Dale Van Nimwegen, Ingrid Hackel, Jessica Kruegel, Dan Sullivan, Jim Martin, Absent: Eric Hastings, Paul Sullivan, George Vurno.

**APPROVAL OF MINUTES:** Postponed until next meeting. No quorum.

**ACKNOWLEDGEMENT OF GUEST:**

**TREASURY REPORT:** Okay, I passed it out. Sorry, I did not pass it out online, but, what I did, everybody, if you go to the second page first, that's all that happened in January. So, what I did instead, is the page with the colors on it, the first page has a recap of the year. The color coding here is our traditional commission financial reports are in blue. So, if you take the traditional commission business, absent the grant, for New Jersey and New York, then the blue column to the right of the New York is the total for the two of those. So, I am sure you all track this, but if you are, you know, concerned about references, that's where you can go to see how things have transpired. And Dan, this is the beginnings of me trying to answer the question about, money or, it's the start. It's not done yet. The unshaded areas, if you look to the right of the New Jersey Blue bars, the grant, what's happened with the grant is, to date, through the end of the year, we've actually paid out checks of \$101,280. We have received no money is as yet from D.E.P so, if you go all the way to the right, I total up everything for the commission and you can see, including, what the grant was. The other thing is in the middle, there's a total New Jersey commission. With the grant, so I've added the blue column with the white columns, and we'll get it in total New Jersey. So, it's just a way of looking at things and isolating the grant. While it's important to see that \$101,280 for the grant in the January through December timeframe, and most of that was in October, November and December. What's important is if you look below the line in the cash in the bank, and if you look in the middle of the page, New Jersey currently has \$47,829.25 in the bank in Providence, that number was up around \$150,000, but that \$101,279.95 a little expense on the grant came out of the funds that we had accumulated in the bank account. So, we have drawn that down significantly. If you continue down that column, you'll see that below the \$47,829 bank balance for the end of this year. There's a negative 389, 867. If you look to the left, there's a thousand bucks in the blue bar. That's roughly some subcontractors paying cable vision and some, advertising, but there's a -\$388,867. I have that amount of money in checks awaiting payment to various vendors who have done work and invoiced us for their work thus far, and I have set the checks up to hopefully pay in the next 90 days. And if you look way to the left, it says, you know, an outlook for the next 90 days or 60 days. Excuse me. Below the -\$388,867 is \$400,000. I had originally, because I thought we would have our advance by mid-January, we do not. I originally went for an advance of \$350,000; but I'm going to up that to \$400,000. DEP is driving me crazy. Today, the story goes like this. I submitted everything back in the summer. They told me they didn't like the way I submitted it. After a bit of time. So, I submitted again. And then they changed people. And then I have to make some adjustments. And the people, everybody I've worked with is great. It's not a complaint about the people, it's a complaint about the process. And then, I thought I had straightened everything out, back in November. Then the beginning of this year, I found out that I had put my request in for the advance out of sync with some timing, fixed all that. And to that, yesterday, I got an email stating that something that they had, I had once given details on, and they told me not to do that. I now have to give those details. So, anyway, that's my venting. I am over it. I am done with it. So anyway. I have started the process of fixing that now, and hopefully in the next week, that will all be back on course, but I'm going to up my advance requests from \$350,000 to \$400,000. And that's the deal on the grant. The rest of the stuff is pretty straightforward. As I mentioned, you'll see if you go over to the blue bar for the New York Commission business; there's the same next 60 days, thousand bucks coming out there. And if you look, for both the New York business in the blue and the New Jersey business in the blue on the 2024 columns, they are more or less the same. The difference, major difference is that, there's some lake and watershed projects, net dollars on the New Jersey side, having to do with herbicides and, but the rest of the stuff was pretty much. Oh, and I went back and looked at how did we do vis-a-vis our budget. And, we are off by quite a bit, mostly because when we set the budget at the end of 2023, for the year 2024, we had assumed that some of the grant transactions, both in terms of receiving money from the DEP and the pace with which we got invoiced was going to be faster than it turned out to be. Other than that, the other expenses were pretty much as we expected. Which is great because that's the basis, same basis that we use for the stuff for the budget for this year. Any questions? Commissioner Jack Roe asked, how are the vendors with this whole thing? Commissioner Dale Van Nimwegen advised, they're not happy, and rightfully so. I have a meeting next week with my close Montclair State, I am going to, and I was anxious, maybe, you know, when we're going to get some cash out of, because I'm hesitant to draw that \$47,000 down by much more than about \$10,000, because I just think it's wise. The \$20,000 balance sitting in New York always makes me nervous, but in any event, if we get the \$30,000, from, Passaic County, we can use that money. To make another payment to everybody. And I think if I could make another payment, that will calm the nerves. I just got an email which I have not responded to yet. I think it came in yesterday from RVH adding interest to the invoices.

So that I mean, your health to go work that a little bit. And I understand the problem, but, we're going to have to do something about that. Commissioner Jack Roe asked did any say they're going to stop work, like Montclair billing. Commissioner Dale Van Nimwegen advised that's the meeting next week. That'll we'll work through that and that shouldn't be a problem. They're just not happy. We had this conversation with them. They're on a six-month billing cycle and, you know, they said it's going to take you a long time to get payment. And I said, yes, I know. But it's taking even longer, and prior to the problem, I had asked Montclair State for their cash match, which is, salaries and benefits and all that with people who have worked on the grant, which totals trying to remember, I think, something on the order of \$20,000 bucks, give or take for the first billing they did. And they refused to give me the detail on the salaries and said, Nope, we're a contractor just submitted as a subcontractor giving you a lump sum cash award. Unfortunately, when they submitted their proposal. They gave all salary detail. So now part of what came, and I had originally tried to supply it, but anyway, part of what just came up recently with DEP, was we want all that detail because that how they submit it all. I'm sure you're all tired of hearing me whine, but I'll stop whining and we'll get it solved. The Montclair thing, we're meeting next week. I'm going to call RVH & Solitude. I'm going to make contact with them again, just to, you know, make sure you're aware and we'll go from there. Commissioner Jack Roe said, well, I mean, that's what you can do, right? And I think we want to use these people for other projects. Commissioner Dale Van Nimwegen agreed. And Solitude and Princeton hydro had been down this path with us before and are more sort of this is how it goes. I am surprised and not surprised, Montclair is the only one because their invoice came in after everybody else's, the first invoice. I haven't made any payments to them, so I'm anxious to make a payment to them, and I think that that's why I'm even smaller. Commissioner Jim Martian asked, is there anything coming from Orange County in New York? Do they have what they need or, you know, for 2024? Commissioner Dale Van Nimwegen said, I don't know yet. I submitted, now I realized I had an email to go to you with all the Orange County stuff, and I sent an advanced copy up there to have them say, hey, you know, what else do I need for this? And I didn't send yours and it was copied to you too. So, I won't get to it this week, but while I'm away next week, I'll sit down and I'll get that sent to you. I don't know what I was thinking. I did it over the holiday. I set it all up and sitting in drafts and I never hit send. Commissioner Jim Martian asked so once they have that; Commissioner Dale Van Nimwegen said, yeah, then we should get money from that. But the last go around that we did with them, we iterated like three or four times before the thing was solved. And it's, again, it's the same thing. It's very dependent upon who the individual who is reviewing the materials. You know, I started with somebody who said, Oh no, no, that's plenty. And then the person was gone. And then it was, oh no, no, no, no, we need, you know, Chapter in various and that's just the way it goes. Commissioner Jim Martian asked, and we have nothing for 2023, right? Commissioner Dale Van Nimwegen said no, 2023. We had, was it 2023 or 2022 where we got all those invoices? I think it was 2023. It might have been for the year of 2022 where we were working with Jesse and got all that stuff at the last minute before he left. So, it is what it is. Commissioner Jim Martian stated, okay, so that's not reflected anywhere yet. Commissioner Dale Van Nimwegen said No.

#### **COMMISSIONERS REPORT:**

**Dale Van Nimwegen – No Report**

**Floyd DeAngelo –** The only thing that you talk about that PDR and I want to look into that, because having been on the PDR committee years ago started this whole thing. Just talking about it, it's got me going. Like I said, I'll check it out. Also, the meeting on the 18<sup>th</sup>, I have a conflict and will not be able to attend in person, I can try via zoom if time permits, however someone will need to go to the police station and get the keys to the Senior Center and Co-Chair Jack Roe will conduct the meeting from NY.

**Jim Martin –** Continued from Dan Sullivan's report: Commissioner Jim Martin added, just one more question about the herbicides in New Jersey, do you guys alternate the type of herbicide used against specific, according to the label, like they get a resistance to a particular herbicide, you have to switch every five years, every three years. Commissioner Dale Van Nimwegen said, the person who could speak more specifically to that probably is Paul Sullivan. He's really much more familiar with that, but yes. I know that the same herbicide is not on each of the invoices that we get. The bills I pay show that the herbicide being used various year to year. Commissioner Jim Martin said, the village has been working with Tigris, our herbicide, consulting applicator, and they were very unclear where we stand with the DEC. This year because of the legislative changes that went into effect January 1st. So, basically, Tom and I met with them, the day prior to that, they met with the DEC and basically the DEC told them, we have to consider all New York waters to be potentially wetlands now, and you'll need a jurisdictional determination to say it isn't, and that could take an additional 90 days. So, we're clear that we have to get these things in very early. So, what I suggested, I went to the DEC's webinar on January 15th, and it was about 1,800 people there in New York State and including Tigris.

Everybody's pretty confused, including many of the people in pesticides in the DEC. So, our plan is to put in separate permits. We already know any wetlands that are already designated as freshwater wetlands. We already know that. So north of the bridge is all wetlands now. So, we can put those permits in right away. There's a harvesting for navigation channels, which is not expired yet, but it needs some type of renewal action. That Tigris will handle for us. We're also going to attack three types of weeds, chestnuts being the primary, milfoil and, filamentous algae or however you call it, that's north of the bridge. Tigris suggests that we put in the article 15 pesticide permits for south of the bridge for both arms in the beach area, as we've always done, and if the DEC, determines that there's wetlands present in any of those areas, then we will adjust and 24 permit to accompany the article 15

permits at that time. but know that it could take 90 days. So, we're pushing for them to get this in like now. So, I've been in contact with, I think I copied you "Orvis" up in Massachusetts. They're very proactive, they do a lot of fundraising, a lot of emails. I'm on the email list. I see all the activities that they do all the time. I'd like to send each of you their management plan. Which may help. It just came out. I wasn't allowed to send it right away, but she gave me a copy of it at a time. Now I think it's finalized, and I'll send everybody a copy of that. We could use that, who knows, to help us. So other than that, I don't think I have anything else.

Commissioner Dale Van Nimwegen asked, I have a question on the determination. The comment about the whole lake is, and absent a determination, you have to assume the whole lake could be, on the north end anyway. Is the determination only done associated with a particular permit application or can you have the DEC do a determination that then can be referred to by any permit that we apply to? Do you know which it is? Commissioner Jim Martin said, the way they worded this, if you're doing any work, such as putting a septic tank, doing a bulkhead, putting in herbicides, harvesting weeds, anything on your parcel, anybody who lives on the lake now, it's, it's very vague and very unclear. But, you are asking, can we do a grand determination across all parcels or area? Commissioner Dale Van Nimwegen said, or any area. Commissioner Jim Martin said I don't think they're going to ask the question because they're inundated right now with all throughout the state associations, just like ours, Don't know what to do. Commissioner Dale Van Nimwegen said it sounds to me awfully similar to the Highlands area set up when the, when they first put in place. You know, you couldn't build in certain parts of New Jersey, our area being one of them without getting a highlands area determination. This was on land. It wasn't about water, but it sounds like it had the same process, same kinds of nobody knew what to do for quite some time. Commissioner Jim Martin said yeah, it's the beginning of this determination, but we don't know how to do it. Commissioner Dale Van Nimwegen said one of those things that did come up because it was this notion of not just a specific... Commissioner Jim Martin said well they did mention a general permit, statewide, general permit. I don't have any clarity on what that is. I did ask, but they didn't answer my question, email posting before the webinar. Even though they spoke about it, it was still very vague. It was like, it's just even Tigris who's in this business for many years. So, I'm sure solitude, they all, everybody's thinking, and this is just too vague. It's not determined yet. It will pan out eventually, but right now nobody knows really what to do. So, my question to Tigris was. Do we put in the wetland permit, the pesticide permit, and the JD, jurisdictional determination, all at the same time? And if we don't need the wetland from it, can we take that back and dissolve it? And they suggested that we just put in, we don't need the JD, what's already wetlands. So, we just put in the Article 24, Article 15 pesticide together. And we do the pesticides like we've always done them. And if a JD determines that it's wetlands, then we just regroup in the apply later, but no matter what we do, we have a feeling it's going to become delayed. Commissioner Jack Roe said well, the key to that, though, is just start doing something and then you can always stop an application always. Commissioner Jim Martin said, no, no, that's our plan. Put it in. We're telling Tigris. We wanted in in January. Now, we only got a couple of weeks left in January, but, that's, you know, we're dependent on these consulting companies and herbicide companies to know the business better than us, but even they're confused. So, we came up with a plan. Let's put it in. See what happens. Commissioner Dale Van Nimwegen asked is there a Lakes Association in New York where there are, you know, downstate lakes that work together to Commissioner Jim Martin stated, prison? Have you heard of prison? There's different lakes like that. Like, I've been in contact with up by the Great Lakes. There's large lakes up there where they have many, many townships. Commissioner Dale Van Nimwegen said I am thinking a smaller, more, where there is, circumstances and the institute, you know, what's really useful about it is when stuff like this comes up, you learn from one another. It's really valuable in that regard, but also there have been some things where the group together was able to get like a meeting with DEP about a matter and things because the voice is larger than any individual lake in there. Lake Hopatcong has a good system with them. It's not perfect by any stretch of the imagination, but it actually has helped. At least from my point of view, and I think you feel the same way. Commissioner Jack Roe said, I don't know whether they help you with any particular one thing, but they help you understand them. Commissioner Jim Martin said, I wanted to add one more thing. I don't, I watch somebody read so much on this stuff, I sometimes forget where I read it or where I've seen it. But there was a lake that I seen to get around the DEC rules. For harvesting and herbicides, they use their funds to hire people to go out in kayaks and hand pull. I am talking hundreds of people and this is hand pulling. Commissioner Floyd DeAngelo said, we've tried that. Commissioner Jim Martian said, but they're paying them. The funds would have went into herbicides and harvesting and now being paid to, you know, Boy Scouts and Girl Scouts to go again. It's just a thought. I don't know. I'll find out where and I'll send you guys the link, but it was interesting.

**Jack Roe** – We've been working on putting together plans and gathering data, and New Jersey has the whip, we have a new one, I think what you guys are working on is kind of putting together plans. For what to do up in the New York end. Then the next step is finding grants and applying, we've talked in the meeting about applying and managing grants. I just would find people to fill out applications and manage grant applications, that's the easy part. We know how to run projects. Once these turn into projects, we know how to run those. The thing we're not good at, like a giant hole in our skill set, is finding grants. And this, stuff that Ingrid just teed up, well maybe that's what made me want to go there. A bunch of money that we could get our hands on. We've got to somehow gain the skill set in our group of how do we go out and find grants. We just had a batch of them teed up that maybe we

can figure out if there's anything that makes sense for the things we're doing now, including the making plans part because making plans part was fun.

**Dan Sullivan** - Tomorrow I am meeting with Andre who was here last month with the weeds, so I'm meeting with him. He actually has the physical weeds and we're trying to figure out what kind it is and what is best for getting rid of that. And then next month's meeting I'm going to bring up more on, what our plan will be for herbicides this year. And, for the water chestnuts in the creek, I have to talk to I guess, some of the hydro raking companies and see how much work it actually is, but I'm thinking about maybe trying to get a hydro rake again for just a day or two to clean up the water chestnuts that pop back right up at the entrance. Because they got rid of them all this year, so I'm sure some will pop up, but if we don't do anything about it, it'll be a lot worse. Commissioner Jack Roe said, there's a certain time we have to get them. Commissioner Dale Van Nimwegen said, Dan and I discussed earlier today the fact that he needs to know the money situation. So, which we're going to try to put together a discussion so that the plans he comes up with can get started earlier, but he's got to know how to do just to add to that.

Keep in mind if we do have to put the RFP out. we have to have so many dates or days in between and whatnot. So, I can publish it in the paper and all that. Commissioner Dan Sullivan said your name came up when we were discussing, and we think February is a good time for that. Will you'll have enough time to plan if we were trying to try to do the herbicide treatment beginning of May. Secretary Allison Wagner said, yes, I can get it in the paper as long as it's an approved RFP. The first spraying would come sometime mid-May. Memorial Day weekend is May. I don't know if this is something that we're going to attack again this year, where we are asking the lakefront homes to participate in the contribution. Commissioner Dale Van Nimwegen asked how did the participation this past year compared to homeowner participation in prior years, I got the impression it was down? Secretary Allison Wagner said I don't remember off the top of my head. I'd have to go back and look at the numbers. I don't think there was a significant change. Commissioner Dale Van Nimwegen said Okay, that would be good to know. Secretary Allison Wagner said, So, I can put something together and bring it next month as a draft for you guys to look at for the herbicides if that's something we should spearhead again. Commissioner Dale Van Nimwegen said Okay, and then just you know, noodle around to see what the numbers were. I don't want to make this a great study project, but just a rough cut. Are we getting enough participation? And what would it take to increase? That might be something we want to talk to some people who are not participating. Secretary Allison Wagner said, well, we did the mailers a couple of times. I feel like we had a little bit more participation when we had used the quick postcard that were sent out. Maybe that's something we can do again. Commissioner Dale Van Nimwegen said, Yeah, we could. I had went and got the routes that cover all of the lake. Commissioner Jim Martin asked, when you do herbicides, do you have to do a notice like we do on the New York and notice that we're not praying and everything, not just a sign posting, but a regular U. S. Post office service, regular mail notice to all residents that on this date, we're going to be etc. etc." Secretary Allison Wagner advised we put it on the website, social media and we put it in the paper stating, "we're spraying herbicides in and around these date etc. etc." Commissioner Jack Roe stated, we need to do better, just to interrupt. We need to do better on that. Because I got a couple of complaints about that. So it's like we got to make the noise ahead of time. Can you plan by next meeting, a timeline of we're going to do this on this date, this on this date, and then make sure that we're all aware of the steps you have to do, and then we'll have a plan. We've got to compress something, let's compress one of the early ones. Secretary Allison Wagner said Okay.

**Paul Sullivan** – No Report

**Jessica Kruegel** - The lake level is currently at 10.12 feet and the outflow is 24.3 cubic feet per second which comes out to 15.6 million gallons. It's going really well right now. Commissioner Jack Roe stated, so, it's up to almost full, close to full?

Commissioner Jessica Kruegel said, yep. Yeah, the pool is a little bit above normal pool. And the outflow right is above the minimum. Commissioner Dale Van Nimwegen said, it made a surprising recovery in a short period. Commissioner Jessica Kruegel said Yeah, like the little bit of rain. It is always funny how like the little bit of rain, it just bounces right back. Commissioner Jack Roe stated Yeah, right. I saw that. But then you looked at the reservoirs, and they're still low. Commissioner Dale Van Nimwegen said they've come up tremendously though. Yeah, well, it's got to go over the dam, I guess. I don't know. Commissioner Jack Roe said it's like, we're filling up, and then when it spills over, we're still downstream. I watched it this time, and I was like, wow, that's cool. Commissioner Dale Van Nimwegen said yeah, because Bruce said he noticed a marked difference in Monksville, and now much more so, because he goes by there every day.

**Kelly Turturro/Ingrid Haeckel** – I wanted to bring up, 2 different funding related topics. The 1st I mentioned over email, being the possibility of reaching out to the Town of Warwick Community Preservation Advisory Board. So, Warwick has a community preservation fund that's been in place for almost 20 years at this point, I believe, and has been very successful in protecting thousands of acres of, primarily of farmland, but has also been used to protect some important parcels along Greenwood Lake. And, so you know, there may be an opportunity for the commission to work with that board to identify and make sure, first of all, that if there are high priority parcels in the lake watershed for protection, that they are identified in the town's community preservation plan, which establishes the eligibility for using that fund to protect those parcels. And secondly, potentially the commission could help in connecting with landowners of priority parcels. So there, there are a number of other state and federal



funding sources that the town can take advantage of and use the CPF as the matching funds. That is the way Warwick has been so successful in protecting such a large amount of area has been, by applying for farmland protection grants and using the CPF as the leveraging local funds. But similarly, in, you know, the lake is in the Highlands Conservation Act area, so there's also federal funding available for land conservation, that could apply to projects in your area. So, I just wanted to bring this up as an opportunity. I don't know the history of the commission's interactions with that board, but this is one potential direction that the commission could work on with the town. Commissioner Jack Roe asked, what priority parcel look like. And what are the criteria, what do you know about that? Commissioner Ingrid Hackle said, so, I just looked at the community preservation plan and it does include parcels in the watershed of the lake, in relation to source water protection, but it does not include all of the parcels and the plan does not include a map. So, without doing some further research, you know, to compare the parcel ID numbers with a tax parcel map, I could not tell you which parcels, you know, offhand are already in the plan. I am presuming it probably identifies the significant larger parcels that are mostly undeveloped in your area, but you could discuss that with the board, to see if they have a recommendation, perhaps they have an easier way of sharing that information with you. Commissioner Dale Van Nimwegen said, I didn't even know this existed. Commissioner Jim Martian said, Yeah, the Waterfront Park is the biggest one. Oh, and Stanley Park, which is not Waterfront. Commissioner Dale Van Nimwegen said this is one of those cases where, you know, we have got nothing to lose. We might as well. Commissioner Jim Martian said the difficulty is, there's hardly any large tracts of land on the lake. Commissioner Dale Van Nimwegen said I guess we can identify what they've, or can find out what they have already identified, because the watershed is so much bigger than just the lake, you know. Commissioner Jack Roe asked, how would that help us do our mission and waterfront stuff? I mean, the stuff that's in the watershed, let's say there's something up on the hill that has a creek in it. Is that really, is it going to be worth the effort to do something? Whatever we do, it's going to be a lot of work. Is it going to harm the mission? Commissioner Dale Van Nimwegen said Well, the watershed is part of our overall mission for the commission, right, it's not just the lake, it's in the watershed lake. So that technicality doesn't answer your question. On the on the issue, I mean, your question's a great one. I think the issue is what can we find that isn't big enough? I mean, I do not know. Other than looking at it, how would we know. Commissioner Jim Martian said, yeah, there's little canes you can have, like with the Waterfront Park, there was a private property that was adjacent to that the village, well, and through this purchase, added to the waterfront park. So how many more opportunities to be like that? The other things you can think about is maybe if there were parcels that weren't really adjacent to the lake but would affect the lake if more sediment ran in through construction, we could maybe use that as a factor. Commissioner Dale Van Nimwegen said the thing you're doing on the wetlands and the creeping of the wetlands, is there any source in the watershed that's contributing to the filling in beyond the plant life? Which is, I think, what you're saying. Commissioner Jim Martin said, well, the other thing is, you could purchase a parcel, perhaps, as restitution for less wetlands on the lake, to use in exchange. Commissioner Jack Roe said with West Milford Lake, that was a big deal. They purchased the parcel behind the paint ball area. And that turned everything upside down with West Milford Lake. That is a thing that happen. Commissioner Jim Martin said, Yeah, just throwing it out there. Commissioner Dale Van Nimwegen said Well, I would think we should at least know, let's have a conversation or to see if there is an opportunity or not. Maybe somebody does have a suggestion. Commissioner Ingrid Hackle said, yeah. And I, I don't know that necessarily would mean a lot of work for the commission, but you never know, it could, you could identify some good opportunities. And in these cases, a lot of times, in some cases, there might be third party land trusts that would be interested in assisting with a project like this too, and they often can help shoulder some of the, the burden of applying for a grant or, handling some of the transaction related work. So the other opportunity I wanted to bring up and I recognize this is maybe a, this would be a longer term thing to look into and would require more work and cooperation with the municipalities, but our program works, we collaborate with New York State Department of State on a variety of things and we were recently discussing their Bond Act funding programs that they're gearing up to release and it occurred to me to ask about whether Greenwood Lake is designated as an inland waterway in New York State. So, Department of State administers a local waterfront revitalization program in New York, and that's one of the major funding sources for water quality improvement work outside of DEC's programs. So, they provide funding to communities for planning for local waterfronts and then also a large amount of funding for implementation projects. And there's a great deal of overlap in the funding. WQIP provides funding for things like stormwater management and resiliency projects, water quality improvements, but Department of State will also provide funding for many of those projects through this program. Now, the person I spoke with said she didn't believe that the lake was listed as an inland waterway, so to be eligible, either the community has to be in the coastal zone, like, which it's not, but if you're not, the water body can be designated by the legislature as an official inland water body or waterway, and because the legislative session has just started, this would be the time where the town or village could reach out to let your legislators to let them know you're interested in listing the lake. And now what that would do would be, it would allow, the local governments to be eligible to apply for these planning grants. So there, in addition to local waterfront revitalization plans, there's also watershed planning grants. Either of these could be applicable, for instance, to, the village of Greenwood Lake in particular. The planning grants go beyond environmental improvements. They're also used to plan for, like,

economic revitalization of vacant areas, or business revitalization in downtown areas. So, it's a broader kind of planning. The reason why I think right now in particular this is interesting is because the bond act opportunities that are about to be announced. There's \$100 million earmarked for the local waterfront revitalization planning grants. In addition, there's another \$100 million, through Department of State for coastal resiliency planning related grants. And the match for those grants is going to be significantly less than the match currently for instance, for WQIP funding or for the regular Department of State grants. So, they're looking at 10 percent or possibly less, of a match for these grants. And they're going to be for large projects. They're talking about maybe having like a releasing or making available \$20 million a year without a maximum award amount. So, I just bring this up because this is going to be one of the routes that the state is planning to release a large amount of bond act funding. The types of projects eligible for funding include stormwater management projects, other water quality improvements, waterfront revitalization that, that could be of interest to the commission. But again, in order to be eligible, you would first need to have the lake listed as a designated inland waterway. And then secondly you would have to undertake one of these planning processes to establish a plan either, either an LWRP, local waterfront revitalization plan, or a watershed plan. Now it's possible that the TMDL plan that DEC developed could help fulfill part of the watershed plan so it might be less, you know, that might, you could probably have a condensed planning process because there's already been planning done. Anyway, I just wanted to bring this up as an opportunity for the commission to be aware of, as one of the avenues that there will be significant New York state funding in the coming years. Commissioner Jack Roe asked, the long-term implementation plan that they set up this week, does that meet the plan, kind of plan she's talking about? That's the one you sent out, right? (Referring to Secretary Allison Wagner) Commissioner Dale Van Nimwegen advised, Oh, that's from DEP. That's the New Jersey, piece of it. But there is one though for, I believe for New York. Commissioner Jack Roe stated I thought I saw a New York one that I never saw before, but I could be wrong. Commissioner Dale Van Nimwegen stated, there is an older one. Well, they get updated, but technically it hasn't been reissued per say. I think the New York one was even older. 2006 or something like that. Because you, Jim, and I were looking at, you know, when you first came on board. There were parts of it that we were looking at. Seeing how we could use it. Commissioner Jim Martain asked, Ingrid, how or where do we look to find what is designated inland water, waterways now? Commissioner Ingrid Hackel said, That's a good question. I think it's in the state legislation. And I can find that out for you for you and answer. Commissioner Jim Martain said, but you said that's key. Commissioner Ingrid Hackel agreed, right. Commissioner Dale Van Nimwegen said, Well, that would be great because if we knew who had already gotten in, if they got it recently, how'd they do it? How they went about doing it and then use, yeah, and then use that with the municipalities to, you know. Commissioner Jim Martin said, if we can't do that, it doesn't sound like this could be much. But you also said this is very large projects with less than 10 percent funding, Commissioner Dale Van Nimwegen corrected him and said 10 percent match. Commissioner Jim Martin continued, 10% match, but it's usually large projects. There's a lot of money there, but the project will have to be very large. Commissioner Jack Roe asked aren't we eventually headed towards a large project in the East Arm? I mean, that's kind of what we're talking about today. That's the I don't know what we could do in the East Arm that would be a large project and be within regulations by designated freshwater wetlands. Commissioner Dale Van Nimwegen said well, we don't know. Parts south of the 17 A bridge, that could be eligible for funding. Commissioner Jim Martin said well, everything now. Well, I'll wait to talk about it, but basically what the DEC says right now, any New York waters could be wetlands. And they'll need a jurisdictional determination to say it's not. yeah, he told us that at that meeting a couple months ago. Commissioner Dale Van Nimwegen said, yeah. So you had mention this to us a couple of months ago and I mean, some of this is visual. There are clearly some areas in New York waters, which are not well. I mean, when you get north of the bridge, that gets really debatable. Commissioner Ingrid Hackel said, so sorry to interject. I'll just say, I think I'm not sure how much of these grants are frequently used for in water projects necessarily, but I'll just read an example of from their recent request for applications of the types of projects that are eligible. So, community waterfront revitalization and resiliency projects, such as, and this can include concept plans and like the development of more specific engineering plans, cost estimating and permitting, construction of publicly accessible parks and amenities, including resilient infrastructure, trails, boat launch sites, public gathering spaces, adaptive reuse of underutilized and abandoned buildings and public ownership. Then it also includes things like, um, implementation of priority actions to protect and restore water resources, including feasibility analysis, design, or construction water quality projects. Then there's like nature-based water quality projects like natural shorelines or shoreline stabilization, vegetative buffers, culvert rightsizing, sediment, kind of like erosion related, reduction related projects, stormwater projects, like green infrastructure, green gardens, bioretention areas, etc. So, there's a lot of different things in there. I don't know specifically about in water projects like the invasive species related management, but there's a lot of other stuff in here that could be of interest to the village that would, contribute to, improving water quality in the lake. Commissioner Jim Martin said, yea, storm water management being one of the key ones, I would suppose. Possibly even bridge maintenance, repair, all those types of things. Not necessarily the lake itself, but anything that affects the lake. Commissioner Dale Van Nimwegen asked, what about the storm water? The catch basins and all that. Water management. I mean that's one of the things that came to mind because that's a biggie. That's a big project. Commissioner Jim Martin agreed, yeah, that would be a

big project. So, I guess. Let's try to find out what determines whether you could be a whether water body can be a designated inland. Commissioner Jack Roe said, yea but is there a downside? Yeah, right. It could be more regulations. Commissioner Dale Van Nimwegen added, that's who would want to do it and also finding out, where there are designated areas. Those done recently, we could go have a conversation because that's also, you could get some, you know, maybe downside information if there is any as well. Commissioner Ingrid Hackel said, I just pulled up the list of designated waterways so that Greenwood Lake is not on there, but you can see who is on here and I'd be happy to share. I'll send you the link to this to their recent grant RFA from last year and contact the Department of State if you want to ask further about this program. To my knowledge, there's not a, like a regulation associated with it. You know, this is a Department of State program focused on planning and community revitalization. So, Department of State is not a regulatory agency like DEC regulating environmental activities outside of the I will say outside of like the coastal management program. Their regulatory function has to do with consistency with federal coastal policy. Commissioner Jim Martin asked, is this mostly rivers, do you believe? Commissioner Ingrid Hackel said No, it includes a lot of lakes like the Finger Lakes, and in fact, you know, those, and some other lakes in western New York. And I don't know why in our region there hasn't been as much, you know, I think there are a lot of communities along the Hudson River that have LWRPs and have taken advantage of the program, but, not as many lakes. It can be a lake or a river. Commissioner Jim Martin said, Okay, cool. Commissioner Ingrid Hackel said yeah. So, I'll send this by email.

**Eric Hastings** – No Report

**George Vurno** – No Report

**OLD / NEW BUSINESS**

**Correspondence:**

**NJ GRANT UPDATE PROVIDED BY COMMISSIONER VAN NIMWEGEN:**

**Water Monitoring:**

**Belchers Creek:**

**Browns Point:**

**Miscellaneous:** Commissioner Jim Martin said, oh, I had a question. I think who sent the email from Kevin Olson with that big power to everybody. Commissioner Jack Roe said, Allison did, but I've been corresponded with him, I've talked to him 5 times. Commissioner Jim Martin said Yeah, it was pretty interesting, the Highlands Act, all the history behind there, it's like over 300 pages. Commissioner Jack Roe said he put together a nice book. Commissioner Jim Martin said he has some questions for us. Are we able to answer his questions? Commissioner Jack Roe said, anything I could answer I've answered. But if you know something, any of us know something that's you think will be useful for Kevin, you can just contact him, he'll love it.

**PUBLIC INPUT:**

**ADJOURNMENT:** There being no further business to come before the Commissioners, the Meeting is called to adjourn by Commissioner Dale Van Nimwegen and Seconded by Commissioner Floyd DeAngelo, all voiced in favor.

**IMPORTANT DATES: Next meeting is February 18, 2025 @ The West Milford Library in West Milford, NJ @ 7pm**

**MOTION & RESOLUTION**

1) Commissioner \_\_\_\_\_ motioned that we move to approve the \_\_\_\_\_ minutes as distributed. Commissioner \_\_\_\_\_ seconded; All in favor: Yes, Approved.

NAME	YES	NO		ABSTAINED
Floyd DeAngelo NY-Chair				
Paul Sullivan				
Dale Van Nimwegen				
George Vurno				
Eric Hastings				
Jessica Kruegel				
Kelly Turturro/Ingrid Hackle				
Dan Sullivan				
Jim Martin				
Jack Roe				

Name	Attendance 2024	Reports Given 2024	Name	Attendance 2024	Reports Given 2024
George Vurno	0/12	0	Eric Hastings	0/12	0
Dale Van Nimwegen	1/12	1	Floyd DeAngelo	1/12	1
Paul Sullivan	0/12	0	Laura Franek/Jessica Kruegel	1/12	1
Dan Sullivan	1/12	1	Kelly Turturro/Ingrid Hackel	1/12	1
Jack Roe	1/12	1	Jim Martin	1/12	1

## GREENWOOD LAKE COMMISSION

### FEBRUARY 18, 2025 MEETING MINUTES

Hosted at The Senior Center in the Village of Greenwood, NY and Teleconference via Zoom

**COMMISSIONERS ATTENDANCE:** Floyd DeAngelo, Jack Roe, Dale Van Nimwegen, Ingrid Hackel, Jessica Kruegel, Dan Sullivan, Eric Hastings, Jim Martin. Absent: Paul Sullivan, George Vurno.

**APPROVAL OF MINUTES:** Postponed until next meeting. No quorum.

**ACKNOWLEDGEMENT OF GUEST:** Hart Tracy, Orion Blake

**TREASURY REPORT:** Year to date as of February, there's not a heck of a lot of expenses. Mostly what's in there are administrative expenses. The legal notice number is so high. There were some notices that I don't know how I missed them, but I never got a few left over from 2024, which I have paid. And, I have also paid, forward accidentally, for our legal notices for our meeting. So, we're in good shape for a while. That's why the number is as high as it is. The rest of the stuff is pretty self-explanatory. The utilities basically are the website and a little bit that we pay cable vision for a phone. And that stuff. The cash in the bank for New Jersey is about \$44,500. The cash in the bank for New York is about \$20,000 in the center there. You see, I'm going to carry this forward until we're through the grant, and I'll add another column. If we have a grant from New York, ultimately as well, this is the New Jersey grant. There have been no expenditures that have been paid thus far this year, um, down below, you will see, there's really no specific cash in the bank at this point for the Greenwood Lake New Jersey grants, I'm expecting cash in of about \$350 to 390,000. We already have expenses lined up to be paid as soon as I get the funds of \$388,867.20. We haven't really gotten a whole lot more in terms of bills because there's not that much activity happening right now. So, when you look at where the position would be after we get that money in from DEP, and I pay those bills to that are still open for the various vendors. Our total cash position for the commission is \$124,583, \$1100.00 of which is, some extra cash from the numbers that I drew for that for the grant. Are there any questions about that? Good, Okay. I want to make mention of a couple of things that came up. I have maintained our registration with the federal government. So as things come up in terms of our opportunities for additional grants, and it basically, whether it's New York or New Jersey, that's all taken care of. I think Floyd's going to talk about Orange County. We have some updates on some, plans for what we want to do in Orange County. We'll talk about it later. All right. There is an issue of the Greenwood Lake Commission Reward account and Allison I think I'm going to need your help on. We need to do something about this for those who are relatively new remember the boat that rode over a boat and killed two, two people, right, one or two people. Well, I wasn't here on the commission when it happened. That was a few years prior to me joining, but there was. It was a few years ago, and what happened at the time is Commissioner Zarillo went around and talked to a lot of the marinas and various people who gave contributions to a reward account. The amount totaled \$3,253, however, the terms and conditions of the donations were that, the reward would not be paid until the perpetrator was convicted, which I believe is imminent. Secretary Allison Wagner said, I thought it was going to trial. Commissioner Dan Sullivan also stated, I think it was supposed to be going to trial this month. Commissioner Dale Van Nimwegen continued, Oh, okay. I haven't heard anything more about it. So, we're still carrying this, and it's a pain in the neck because I have to kind of do some things to maintain it. So, it's \$3,253.32 and it's a standalone account. It's a separate account, because I insisted that it went into a separate account because of what it is. So, anyway, we're carrying that. If you ever see anything about that account, that's what it is about. The other thing is the Greenwood Lake Watershed Management District; the annual reports have been filed. So, I will continue to work on getting the cash out of DEP to pay, we have the advance that's still in progress, although I believe all the hurdles have been surmounted and passed by and the request to amend the grant is where it needs to be to get signed, correspondingly, I have met with the DEP folks to try to get in advance of our filings and get kind of what do you need from me kind of information so that once we have the approval on the grant total, for an advance on it, I'll be able to file and get the advanced funds flowing out and pay the people as fast as possible. The deal here is until the grant is amended, I can't file for any cash to be sent to us in advance, and, once it's been advanced. So, I loaded the advance front end so we get a lot in the first advance payment; There's three and then we can't get another advance until I pay out to all the people. I've paid out about close to a hundred thousand already, so a hundred thousand of that advanced coming in, I'll immediately be able to say, here's the advance, here's the bills and the canceled checks for it. But then there's another \$150,000- \$160,000 that I can't pay, so I can't get the canceled check to actually close out the advance to get the next advance. It's very convoluted. So anyway, that's it. I'm done I'm whining and I'm sorry. Well, thank you.

## **COMMISSIONERS REPORT:**

**Dale Van Nimwegen** – No Report

**Floyd DeAngelo** – I've been in a conference for three days, so I don't have anything.

**Jim Martin** – So, with the village, we have the letters going out. Either they went out today or they're going out tomorrow for the herbicides, both for the wetlands area and south of 17, including the beach area in the west arm. We have the harvester and hydro raking permit, one more year left on that. So that's good for next summer, and that is north of 17A bridge that's for boating channels, basically. We're still waiting from Tigris, the herbicide company to make up the wetlands permit for two herbicides for silicore and a copper treatment, which they probably won't allow the copper treatment because that's for an algae, that is native, but it's quite abundant. Put it in there, see if they go with it. They may not, we don't know, but that shouldn't stop the facility for milfoil and chestnuts. The harvester has been ordered and it's being built the new harvester that we got the grant from Senator James Scopus. Not next Wednesday, the Wednesday after that is that DEC meeting. It's geared towards villages, like building departments, that type of thing. So, if anybody wants to go to that. I could send a link, you can zoom in if you want. I think everybody on the commission has that, but if anyone else is interested, I could provide the link to that. That's about it for the village.

**Jack Roe** –

**Dan Sullivan** - First, I dropped the ball on emailing the town about setting up a meeting with the Mayor. So, I just emailed her today. I did look through the dates in the email for the herbicide treatments and the dates were good. And then, Paul Sullivan is very big on cleaning up the Lake Commission office. And I went there today to get the key of the mailbox and get the mail and looked through a couple of things and it looks like most of it looks like it's just. Garbage. There is the folder sitting there for the, reward money, which, I guess it's time to go through that and see what to do with it. I guess we have to see how the case turns out. Secretary Allison stated that there's also filing cabinets in the other room that are full of stuff. Commissioner Dale Van Nimwegen said, Yeah, Allison and I went through a bunch of stuff. Commissioner Dan Sullivan said, legally there's probably stuff that has to be saved, but a lot of it's garbage. Commissioner Dale Van Nimwegen also said, well, plus there's a history of certain things that were done by the commission that have occasionally become useful information. So, we can't let those go, but we're talking two-four draw file cabinets, you know, this is not a room, and we went through a ton of it. Secretary Allison Wagner said I just wish there was a way that we can actually just like scan it all in and have it in a cloud somewhere. Commissioner Dale Van Nimwegen said, it's really too much, also some are bound documents. What might be more sensible is to, go in with a phone and photo the cover page and table of contents and post that and then just know where the Secretary Allison said, one of the biggest questions is, is how many years back do we actually have to save the documentation of stuff? Commissioner Dale Van Nimwegen said, well, and the thing is, we saved reports. History, studies, quantification of the health of the lake, stuff like that, that's the stuff that you want to keep, that's not an obligation to keep. We want to keep. Secretary Allison Wagner said, but what are we obligated to keep would be a good question. Commissioner Dale Van Nimwegen said I don't know that for me. I would, because we use other people's money, OPM as they say, I would keep financial records for a minimum of 10 years. Commissioner Jim Martin said, maybe, let's just go back to the management district. Commissioner Dale Van Nimwegen said, there may be an early study in there, but pretty much now it's the records really begin in 2001, my guess is the earliest one that I saw. I don't think there were any from the 90s There might have been one or two, which would have been predated the commission. Commission Eris Hastings said, the only thing from way back is the 1984 Army Core of Engineers study. Commissioner Dale Van Nimwegen said right. Stuff like that. But they're very isolated. There's a bunch of, like, there's a bin about this big with whole maps rolled in there, you know, like, topo maps and all kinds of stuff like that. Some of those have. Early dates on and those I think we should keep. Commissioner Jim Martin said, it's probably some interesting stuff mixed in there. Commissioner Dan Sullivan continued; Paul Sullivan just wanted me to bring that he's been asking me about going through the office for two months. Commissioner Dale Van Nimwegen said, well, he is the only one that goes there, really the office was always used by Paul Zarillo and really nobody else. I don't even think we've been adding files there, except to the extent that Paul Sullivan has put stuff there. I think there's two whole completely empty drawers, and there's a couple of drawers that are all intents and purposes nearly empty. So, you know, one's a big horizontal file and one's a stacked file. So, there's quite a bit of space. Commissioner Eric Hastings said I bet we could name all the reports that we need to keep. Oh, I wouldn't do that. I think if we had an index of what was there, that would be helpful. Secretary Allison suggested, I mean, we could all like hang out one day and barbecue and go through all this stuff together. Where is this all? Camp Hope. Let's do that when it gets warmer. Yeah, that's a good idea. There are volleyball nets there too if we get bored. Commissioner Dale Van Nimwegen said, I will say this, there's office furniture there. We have two rooms. We really don't need two. Well, we're not paying for this. The advantage of this is there's no cost. Before we were paying quite a bit of money for. Commissioner Dan Sullivan continued, ok herbicides. What I am looking for is do we have enough to vote? Secretary Allison

Wagner stated, yes. Commissioner Dan Sullivan stated, alright then I want to propose that as the Lake Commission, we set aside \$15,000 to put towards the herbicides for the New Jersey waters, for this upcoming season. Last year we did more. We basically did the whole south end of the lake last year. I don't know if we have to do, Commissioner Floyd DeAngelo interrupted, okay, let's wait on that, let's talk about reports. Commissioner Dale Van Nimwegen said, well we want to vote on it to get the commission to agree. So, we have to make sure we come back to that. Commissioner Dan Sullivan continued, and then the other thing that I would want to make sure we do and part of the reason I only want to be 15 into the last year. I think we set aside \$30k., Is I don't know if we have the \$30k. well, we have the 30 but we don't really have it in cash flow with keeping our reserve at the moment. And I also want to keep money set aside because I want to have some sort of plan for possibly getting a hydro rake in for whenever time in June, the water chestnuts are popping up with the mouth of the creek and try to mitigate that as best we can before it gets too far out of control. Commissioner Jack Roe stated, now, Jim, you had mentioned the chestnuts. You're putting, doing some kind of chemicals for that? Commissioner Jim Martin said, yeah, for silicore. That could be surface sprayed on chestnuts, or it could be subsurface for milfoil. Commissioner Jack Roe said because we've got chestnuts in really isolated areas, we want to get way ahead of that. Commissioner Dan Sullivan said, that's kind of I just wonder what the price difference is, because the harvester isn't crazily expensive, and the hydro raking isn't crazy expensive. Commissioner Jim Martin said, when you say small pockets, like acres? Commissioner Dan Sullivan said, yeah, a few acres. Probably two acres total. And it's not all in one spot too, is the problem. Like some of it's at the mouth of the creek, like that's probably, you know, two acres. And then along the way there's like little pockets that are the size of this table. Commissioner Jim Martin, but I'd say the little pockets, people, if we can get volunteers to go around rowboats and canoes, the best method is pulling them because you're actually trying to get that knot. But chemicals would be the next best bet and the hydro rate. Sort of like the harvester. Commissioner Dan Sullivan changed the subject and asked about the reward money and how that is handled. Commissioner Dale Van Nimwegen said at this point, we have to see how the case ends. Commissioner Dan Sullivan said I think some people didn't give money. They pledged. Commissioner Dale Van Nimwegen said, we're going to have to figure all that out, and I think we wait until the case ends.

**Paul Sullivan – No Report**

**Jessica Kruegel** - The current lake level is 10 feet, 3 inches, and the outflow is 63.6 cubic feet a second, which is 41 million gallons a day. Commissioner Dale Van Nimwegen asked, before you go any further, I have heard, somebody asked me because they heard through the grapevine, which is always suspect that the parks department was going to be, the words were revamping the dam. And I said, I think we would have heard. Commissioner Jessica Krugle said that's news to me. I know nothing about that. Commissioner Dale Van Nimwegen said, okay, I will correct the rumor. Commissioner Jessica Krugle said yeah, I haven't heard anything on that.

**Kelly Turturro/Ingrid Haeckel –**

**Eric Hastings** – Turns out ducks and geese are, they're a lot of responsibility for the spreading of avian flu. Maybe you could, either of, you could shed some light on that, but, we might be able to get some assistance for their goose control with the, the current dilemma going on in our society. The weed harvester, that's the equipment that's being used in the village. Supposed to be available on the Jersey end of the lake with a village operator. Not a New Jersey operator, and compensation paid by Jersey to the Green Lake Village for the ongoing maintenance of the equipment and for the operator, something we're going to need to address in the spring or in the next in the coming months. Certainly, the Jersey marinas are entitled to this stuff, was given to the village on the, on the basis that it would be made available for a fee, for an operational fee to the Jersey end of the lake. There's two harvesters and a conveyor. They work all right, as long as you keep everything down low to the water. I almost flipped one myself and so did the village operator, the red one. You have to keep the prop all the way down where it's in. Commissioner Jack Roe said, well, one thing, the stuff they used for in the creek, they had the same problem. They had to put pontoons on it because they had the same problem. It's well, like outrigger punt, they put outrigger pop tunes on it because that would work great would be; Commissioner Dale Van Nimwegen said well, as you load this stuff on there, the CG has to start rising. Commissioner Eric Hastings said, George out on it and the arm here and it was, it was going, we were both hanging back, trying to counterweight it and the police were on the shoreline. Commissioner Jim Martin said, the operator that died in Lake Hopatcong, did he have one similar to that Commissioner Eric Hastings said, I think he was out on a rough day in the water. No life jacket. I don't have all the details, but I believe he was out on a rough day. They shouldn't be out when like on a weekend, or when you got waves coming over people's bulkheads. The marinas need them. The marinas on Jersey Ave and on the Jersey end, Moosehead, small craft, South Shore needs it. The mouth of the creek, they're very effective. And the. They can go up under the under the bridge there, and they can take out a lot of stuff. But, there has to be a little bit of paperwork and cooperation with either New Jersey or I don't know where the money is going to come from to pay. We definitely want to maintain, everything works. Everything works because the village operators are taking such good care of it. They're really over and above. I will follow up with the, goose and duck dilemma of spreading this disease, spreading chestnuts. Commissioner Dan Sullivan said, he was just talking to somebody at the

New York Boat Show about spreading all sorts of different things. Commissioner Eric Hastings said, Yeah, it's going to ruffle a lot of feathers that's for sure. They never leave the lake. They're here all year long.

**George Vurno – No Report**

## **OLD / NEW BUSINESS**

### **Correspondence:**

#### **NJ GRANT UPDATE PROVIDED BY COMMISSIONER VAN NIMWEGEN:**

**Water Monitoring:** Secretary Allison Wagner said, So, who asked about the drawdown with Lake Hopatcong? I think it's 2028, the next 60 inch, right? But every year they draw down to up to 26, I think what I just said, read, sorry, up to 26 every year. So, 2028 would be theirs. They would be a year after us. If we're 26/27. Commissioner Jim Martin asked, so if we miss ours and want to do it the next year. We can't because they're doing it. Secretary Allison said, it says 2028 for them. So, I don't know if it's 2028 into 2029 for them, like the end of 2028, or if they're the end of 2027 into 2028, because, you know, they start in November and then they make it start refilling, you know, January one. Commissioner Dale Van Nimwegen said, it says 2028, the drawdown happens then at the end of that calendar year, and the refill happens generally in the following year, so that would be my guess, but anyway, that's knowable. Yeah, if we're supposed to go in, what do you say, 2026 to 2027? I mean, there is a one year wiggle if we don't have to do it in 2026. Commissioner Dale Van Nimwegen said, the other thing is, I think it's possible to one of the others to alter the depth of the drawdown to allow, like you can actually have the two occur at the same time, as long as they're not both maximum drawdowns. As I recall, you'd be the person who would know that from New Jersey and the thing. I mean, considering they draw down 26 inches or up to 26 inches every year, that's. Commissioner Jim Martin said and Greenwood Lake was four or five feet, right? This would have been a great year for it, with the cold. Commissioner Dan Sullivan stated back to your point, because then you don't really want the ice on the lake when you close it and you bring it back up. That's a lot of dock damage.

#### **Belchers Creek:**

#### **Browns Point:**

**Miscellaneous:** Commissioner Dale Van Nimwegen said, I have a food for thought not to discuss tonight, but to think about. This issue of volunteers keeps on coming up, and I wonder if the commission ought to identify, in New York and in New Jersey, a community liaison person to help work within the community to pull together volunteers. I'm not sure how that would work. You kind of have that going through the Village anyway. Commissioner Jim Martin stated, I'm curious if you were to organize something like that, where you have Boy Scouts, Girl Scouts, other groups volunteering to go out and kayaks. Is there any insurance liability? Commissioner Dale Van Nimwegen said, yeah, I mean those things have to be addressed and it would be and the easiest way to do it is convincing the towns to be the, Chartering the volunteers sponsoring the volunteers. Because they're much more they're better equipped to handle that and they don't have to carry the same type of a rider. We would have to carry but I think I think it would benefit us if we had access to that, because I think the water chestnuts are going to be more than a hydra reg and a And a chemical application. I think we're going to need people pulling and it's going to be it's going to be ongoing and yeah, and you know, it's been pulled off before in the New York end. We don't have a good access into the communities So think about it. Like I said, Commissioner Jim Martin said, I'll talk to Tom about it. Yeah, and I mean, just think about it. It might be something to talk to, Mayor Dale about too. Commissioner Jack Roe said, yea Dan just said that. We've got our, our list of things to talk about. We've got one more now.

Commissioner Eric Hastings stated, I'm not sure how the DEC is designating wetlands at this point. The rules have been changed. Could you shed any light on that? Commissioner Jim Martin said everything could be a wetland, and you need a jurisdictional determination. A JD. that could take up to 90 days. They have up to 90 days to come back to you and say your project is in a wetland. Then there's another process after that. But that will affect everything, not just the lake. Commissioner Eric Hastings stated The north arm, the furthest north arm here. As I, the last, stuff I read on it. We're going to have trouble, you know, clear cutting the weeds out of there. Commissioner Jim Martin said You're allowed to go after invasive species, not native. The water chestnut will be the only plant back there eventually, if we don't do anything because it's more powerful than any other plant earlier. Commissioner Eric Hastings stated it was mentioned at a meeting, not this meeting that only the boat channels would be kept open on that North arm. Well, that was that permit. That's a 3-year permit. That's not expired yet. Yeah. so it's very difficult to get these permits in the 1st place. So we're going to use that permit in conjunction with. Herbicides where the harvester can't reach anywhere, even though it's a small harvester, it gets pretty shallow over by the kayak ramp first. Commissioner Eric Hastings stated It's tough keeping that open. It's tough keeping the waterway open to the passive boat launch. Commissioner Jim Martin said Yeah, I don't even think they tried last summer. Commissioner Eric Hastings stated Oh, yeah. Yeah, we, I went early. Commissioner Jim Martin said Yeah, I did not see any tracks though. So, I did not see any clear way. Commissioner Eric Hastings



stated it just fills in pretty quick. You have to stay at it. Commissioner Jim Martin said tons of biomass every year going into it. People talk about sediment, but this is an incredible amount of biomass from weeds that are pretty much all invasive. I mean, they really shorten the lifespan of the lake. Commissioner Eric Hastings stated the North arm, it's a big, big dilemma because it's encroaching between two bridges. And some people in this room live between those bridges and so on. It's coming into the main lake. The water chestnuts are coming in. Commissioner Jim Martin said right, but they're down in Jersey, too. So, I think the biggest, long range, the biggest carrier of water chestnuts are humans, but short range, it's probably geese. Commissioner Eric Hastings said yeah, all the above. Commissioner Jim Martin said, it does not really stick to fiberglass, but it could stick to boat trailers very easily. Well, in terms of volunteering, what's the, are there people full time driving the Harvesters. Yes. Yeah, the problem was this year, the harvester went in too late. So the, the chestnuts, In June, depending on the weather, when they flower, they become viable. So each one can produce 15 seeds, and each of those seeds can produce 20 new plants. So if you harvest in the nature of harvesting, turning things up, those seeds fall off very easily, and they spread exponentially. So, you have to harvest early before they flower or just at flowering from what I understand, probably June. June late. I thought it was late May, middle May. So mid-June? Kind of depending on somewhere in there. Yeah. Depending on the year, depending on the year, how warm it is. Public Commentor Orion said, speaking of the mapping of wetlands, Climate Smart supports the creation of an NRI and we could create a new wetland map for the New York village port of the lake to determine until the law is agreed to go. Commissioner Ingrid Hackle said Yeah, well you could create an NRI. I think that creating the map is separate though than like the jurisdictional determination of what's the jurisdictional state of the wetland. Commissioner Dale Van Nimwegen said I have a question for you about the actual wetland determination process to say, okay, you know, labeled the whole north end of the lake wetlands. We need you to come in and do a determination of exactly where there are wetlands and designate those areas specifically. Do we know of any lake in New York? That is successfully. Reduce the wetlands by doing that determination and got it more targeted to the areas where there truly are wetlands. Is that knowable? Commissioner Ingrid Hackle said, I'm not aware of that. I mean, you brought up in some legislation prior to the meeting about changing kind of where, certain lakes might be taken out of that. I think that's a separate issue from the fact that the state wetland regulations have changed. So, you know, the old maps are out and now the jurisdictional determinations are being made through staff in central office, is my understanding. So, we have to submit a request. Commissioner Dale Van Nimwegen said No, I understand that. But I thought that you could say, we want a specific determination done on site. For example, so that you have the institute view of where the wetlands really are and that need to be protected and not like the middle of the lake where there are no wetland and get that stuff out of it. Commissioner Jim Martin said, I think a JD determination last for five years. I read that somewhere. So you're good for five years for your projects, but then you may need another JD later on. It's not like they're going to make a permanent map. Like we had in the past where you can look at it. Surely they missed a lot. They say a lot of wetlands were destroyed. You know, building right in the middle, they want to get back, right? Smaller pieces of wetlands could be up in the mountain. It could be anywhere. Not just like, right. But the viewpoint from the lake owners were. These were lake, why should these be? Yeah. It can be considered part of a, a wetland. It's harder to fight them in a, if you have a wetlands designation, you have less tools in the toolbox. To fight the invasives because you, for instance, herbicides, you have to say where you're going to spot treat ahead of time in the winter now, but the plants grow in June. So, you see another huge patch somewhere. You can't treat it because with a wetlands permit. You had to say, I was gonna treat that spot. Commissioner Dale Van Nimwegen said, that's because those water chestnuts are listening and they're saying, aha, Commissioner Eric Hastings said This is a major problem for the people in the north arm and between the whole lake. Whole lake. Commissioner Jim Martin said, They could grow into depth of 15 feet. Oh, yeah, they're considered an obligate, which is one of the ways when they do a JD. Is there an obligate type plant grown there and obligate is a plant that primarily grows in a wetland? and water chestnuts is on the list, so they're actually protecting themselves, you know, they're an obligate plant. Oh, it's their dominant plant is an obligate plant, the obligate plant is water chestnut, that's a wetland. If it was just lily pads, native plants, we wouldn't have this problem. That section of the lake wasn't, 300 rows above the front of the water either, so. Commissioner Eric Hastings said, but 50 years ago, you could water ski there. Commissioner Jim Martin said, But neither can we fill it in. If you wanted to make a farmland or something, you're not allowed to do that either.

**PUBLIC INPUT:** Hart Tracy, Orion Blake

I just came down from Mount Peel. You've seen me before. I'm working with a bunch of people. Climate smart on the Lake. And that could support a number of actions that the commission is doing, and maybe even volunteer our own canoes. We'll have to get a lot of laundry baskets. Commissioner Eric Hastings asked, what is Climate Smart. Hart Tracey said Climate Smart is a state program that the municipalities can sign on to. It's run through DEC. And, one of the things that is, has a lot of action inside the program is water quality and watershed management. So, planning for that and, public, like, for the wells in Greenwood Lake, incorporating planning for herbicides and the light across the border can be included in plans. So, and some of it funded and I said

everything correctly so far. Yeah, I mean, are you talking to me? Oh, so it's part of region DEC. and DEC. supports is administrator for the state level. So, yeah. So, do you have anything? I think we have more to comment on this. It is just, like to raise the profile awareness. I think it's probably beneficial for businesses to be associated with. Clean air and clean water, as well as citizens, and if we can work to do what's best for those people, myself included, right, I got a copy of that, it seems almost like a no brainer, obviously, there's a many program, that they offer, and so, they being DEC., We began but yeah, I mean, I don't know. This is my first year getting involved in it. I've been moved back here coming up on eight or nine years now. I was here for about three or four years of going upstate. I've had solar panels. I try to have people put solar panels on my house, some of these sales companies, and it's not economically appropriate. They're not charging me a fee for selling my solar because of inflation, and they keep changing the size of the panels they want to do, and most of that stuff gets imported, I believe. So, there's a lot of work to do. I've been working on climate change actions for about 10 years since I left in Colorado. So, you know, it's kind of been dead for a little while, but I think it will be coming back pretty soon, as we're discussing this, maybe the coldest winter on record, which we hear a lot about the sea levels rising, but we don't hear about too much about the next ice age coming, so, you know, with the lake, we have harvesters now, which, I mean, the entire time I've been here. That probably seems to have been an issue when the harvester is going out. Now it's an issue of, oh, can we swim down by the beach? Is the blue algae going to kill my dogs? Is it the landscape's fault? Is it the, trees raining leaves down's fault? well, is it anybody's fault? Is it somebody's fault? Is there anything we can do about it to make it better? And if there is, I think we should act accordingly. And that's going to be something that, you know, I'm just here on fact finding, information gathering sort of thing to find out, you know, how I can just help. I don't know, it's probably got New Jersey and New York, and so, you know, we're just here, trying to learn. Commissioner Jim Martin asked, if we Google Climate Smart, we'll find it easily. Public Commenter Orion said yes, and there's a number of people I could direct you to for a deeper conversation. Commissioner Dale Van Nimwegen asked, it is on the D. C. website? Commissioner Ingrid Hackle said, yes, so it's a state program, it's a voluntary program for Valleys to participate. They take, a pledge, to Participate in the program. There's two sides to the program. There's, so it's a framework that lays out different actions, a wide variety of actions that municipalities can take oath to reduce greenhouse gas emissions, and to adapt to climate change. so it's focused on the mitigation side and an adaptation side, and there's funding through the state, For regional technical assistance providers. So in this region, the valley regional council has been the technical assistance provider. And so communities, it's basically, like, there are a lot of things that, different actions that are worth different numbers of points. And then once municipality completes these actions, they can submit documentation to the DEC Office of Climate Change to become certified as a Climate Smart Community. So once you, you know, complete a certain number of actions, you can get certified. There's different levels. The first level is bronze and then there's, a corresponding grants program through the Office of Climate Change that supports some of those certification actions, and as well as the adaptation action. So, there is also, as you said, overlap in terms of some of the types of projects that are funded through W. Q. I. P. and office of climate change. The focus is more on like mitigation of flooding, for instance, so they're, right. If, you know, there are different types of flooding flood mitigation projects. Public Commenter Hart Tracey said, I'm not sure I haven't, I think there's like 75 on some of them on the larger checklist that they provide. And so. Yeah, it's all good stuff. Some of it might serve you better than others, you know, depending on the way and so forth. Depends how much, and I believe they offer fellow consultants to some degree that will help you work with them, I believe. Commissioner Ingrid Hackel said, So for instance, yeah, like some of the types of grants, like municipalities have gotten grants to upgrade, upgrade their heating and cooling system in municipal buildings so they can serve as a, like a cooling center, for instance. They will fund stormwater related projects if it's also going to reduce local flooding. I was part of a group that took it upon ourselves during the pandemic to start a community club with natural pollinators, native plants, you know, so that would count toward. We have a, kind of spilled around. It is an old piece of land, that, wasn't having anything to do with it, so Jesse Dwyer and, my new best friend, Chad, got together to and, you know, what are we going to do with this land? Like, I want to make, grow vegetables. And I'm like, you know what? Vegetables are expensive. One of the more expensive things that you can buy in a grocery store, I guess I enjoy the most now, but, So I was like, sure, no brainer. I do landscaping. Let me help you out with that. You know, I'm not really doing anything anyway right now. Slow cutting grass gives us a necessary job, what they call it. So, you know, these are things I kind of do. Commissioner Dale Van Nimwegen said, So, Hart, I guess for us, it would be worth understanding when we go to apply for commission grants and things that we're planning on doing over the next few years, is there, you know, value to linking those two things together or not? I mean, some of the grants are so You know, they're this wide, not this wide. So, it would be worth understanding when there are opportunities to connect with that, I guess. Because it sounds very, our focus is really kind of zeroed in on water quality, watershed, stormwater management, that kind of stuff. It sounds like this program has that, but a much broader, intent. So, a bunch of that doesn't connect well to what we're doing, but it would be worth understanding where there is an overlap. Commissioner Ingrid Hackle said, Yeah, and from a grant perspective in certain in some cases, you know, the municipality having

taken a pledge. Can add points to a grant application or yeah Commissioner Dale Van Nimwegen said, yeah, that would make sense to us. Yeah, there's a bunch of the applications would be done through the municipality anyway because of the way the grants are written. Commissioner Ingrid Hackle said, So, okay, I could share, you know, the link to the most recent RFA they had. Commissioner Dale Van Nimwegen said, Okay, that would be great, by way of education. Commissioner Eric Hastings added, flooding control, new sediment filters in the village storm drains. That would all tie in very nicely with your organization and this organization and the village. And that would be well, there's ours. Commissioner Dale Van Nimwegen said it's not an overlap, but there is definitely a piece that overlaps worth exploring. Commissioner Eric Hastings said, would be where it looks for clean out of the pond. And just pass the light here. Public Commenter Hart Tracy said, you know, I don't know, feel like we would probably be a pretty good case study. Inaudible... Commissioner Dale Van Nimwegen said there's a lot of other stuff that's not as focused on water quality that's part of it. Right. All good stuff. It just for our, our focus is really very, you know, specific and it's tough enough doing that without broadening that and additional things like this kind of stuff. Online guest: Ms. Miller, you can unmute if you'd like to join the conversation. I'm just attending in support of what Orion and Hart were proposing. Well, thank you.

**ADJOURNMENT:** There being no further business to come before the Commissioners, the Meeting is called to adjourn by Commissioner Dale Van Nimwegen and Seconded by Commissioner Floyd DeAngelo, all voiced in favor.

**IMPORTANT DATES:** Next meeting is March 18, 2025 @ The West Milford Library in West Milford, NJ @ 7pm

**MOTION & RESOLUTION**

- 1) Commissioner Dale Van Nimwegen motioned that we move to approve the December 2024 & January 2025 minutes as distributed. Commissioner Eric Hastings seconded; All in favor: Yes, Approved.

NAME	YES	NO	ABSTAINED
Floyd DeAngelo NY-Chair	X		
Paul Sullivan			
Dale Van Nimwegen	X		
George Vurno			
Eric Hastings	X		
Jessica Kruegel	X		
Kelly Turturro/Ingrid Hackle	X		
Dan Sullivan	X		
Jim Martin	X		
Jack Roe	X		

**MOTION & RESOLUTION**

- 2) Commissioner Dan Sullivan motioned, I would like to set aside the \$15,000 for herbicide treatment of the south end of the; Commissioner Dale Van Nimwegen said, how about, I amend your request to not to exceed \$20,000. That will give you some flexibility room. Commissioner Dan Sullivan said yeah, perfect. Commissioner Eric Hastings asked, and what is it business for loop around the south end of the lake or the whole... Commissioner Dan Sullivan said that is not enough for the whole south end. Like it would be at some portion of the south end of the lake that you know the commission would give money towards and then the homeowners still are getting their slips to send in for in front of their properties. Commissioner Dale Van Nimwegen said ok, so I move that the commission approve you're marking up to \$20,000 in funds for herbicide application funded by the commission and the Jersey end of the link. Commissioner Floyd DeAngelo seconded the motion. All in favor: Yes, Approved.

NAME	YES	NO	ABSTAINED
Floyd DeAngelo NY-Chair	X		
Paul Sullivan			
Dale Van Nimwegen	X		
George Vurno			
Eric Hastings	X		
Jessica Kruegel			X
Kelly Turturro/Ingrid Hackle			X
Dan Sullivan	X		
Jim Martin	X		
Jack Roe	X		

Name	Attendance 2025	Reports Given 2025	Name	Attendance 2025	Reports Given 2025
George Vurno	0/12	0	Eric Hastings	1/12	1
Dale Van Nimwegen	2/12	2	Floyd DeAngelo	2/12	2
Paul Sullivan	0/12	0	Laura Franek/Jessica Kruegel	2/12	2
Dan Sullivan	2/12	2	Kelly Turturro/Ingrid Hackle	2/12	2
Jack Roe	2/12	2	Jim Martin	2/12	2

## GREENWOOD LAKE COMMISSION

### MARCH 18, 2025 MEETING MINUTES

Hosted at The West Milford Library and Teleconference via Zoom

**COMMISSIONERS ATTENDANCE:** Floyd DeAngelo, Jack Roe, Dale Van Nimwegen, Ingrid Hackel, Jessica Kruegel, Dan Sullivan, Eric Hastings, Jim Martin, Paul Sullivan. Absent: George Vurno.

**APPROVAL OF MINUTES:** Commissioner Dale Van Nimwegen motioned that we move to approve the February 2025 minutes as distributed. Commissioner Ingrid Hackel seconded; All in favor: Yes, Approved.

**ACKNOWLEDGEMENT OF GUEST:** Jim Oorthuys, Roger Van, Steve Wattley, Andre Borie.

**TREASURY REPORT:** This is the year to date financials as of today, not much is happening from an operational standpoint. In terms of the grant, there have not been any transactions that have been processed. We currently have in the New York Bank \$43,300.xx. And in the New Jersey Bank we have nearly \$19,000 giving us a total of \$62,269 in change for the total cash and bank for the commission. We have anticipated transactions, and I'm going to turn to the grant in a second, but there are anticipated transactions in the New Jersey business area, which includes \$30,000 from Passaic County, less some operational expenses that come up. And that brings it to, we expect in the next 30 to 45 days to put almost \$30,000 into the bank account. Then on the New York, financial side, we expect to get \$70,000 from Orange County and less the expenses that I mentioned for New Jersey. That will put New York in a position of nearly \$88,000. That amount of money, the \$70,000 is earmarked for a specific project in the New York Waters, which we can probably talk about later. I won't go into now. On the grant, there are no transactions right now. I'm still awaiting an approval on the ability to go for an advance, but in the meantime, that \$101,000 there, I have actually used money that was in the New Jersey bank account from other years and paid multiple vendors who have been working on the grant to the tune of almost a hundred thousand dollars. And so, what you see there is the anticipated transactions on the grant side will in fact replenish that money. And in addition to that, there's some \$350,000 in advance I'm expecting, but a corresponding payout of those funds to the vendors who have been working on our projects. Any questions about the financials? Commissioner Dale Van Nimwegen said, Okay. The only other thing that I have is Ingrid, you sent out at the last minute, kind of close to when the webinars were being held that DEC was holding about their programs, various grant programs I actually attended, and I learned more about grants than I ever wanted to know. However, as I mentioned, I talked about Jack and to Floyd. There's two of the categories that seem to be, a categories where there's possibilities for Greenwood Lake Commission type grants, working with, in most cases, I would imagine, with the Village or with Warwick. So, I don't want to go into all the details here, but thank you for sharing that because it was enlightening and I think there are possibilities that I believe we wouldn't be ready to apply for this year, but we could practice apply so that we're, for once we have data from the project we're doing to apply for grant money for the next calendar year. And it seems like some of the grant categories are the same each year, so we should be good in that regard. The last thing related to that is, Floyd and I went to a meeting in Orange County about, grant programs and the effects of classifying the wetlands and all that kind of stuff. And as a result of that, Kelly and a guy named Mike, who is one of the DEC guys, our Kelly from the commission, we're going to set up a meeting, a small meeting to talk to the DEC about the details of what we want to do on the data collection side of things with the Orange County \$70,000 so that we're ahead of the game and knowing we're getting the things that we're going to need for the ultimate grant applications. So, I agreed to set that up. I haven't gotten to it yet, but that'll happen in the next week or so. And that's it for me.

#### **COMMISSIONERS REPORT:**

**Dale Van Nimwegen** – I have a draft of a mailer that will go out to zip codes that touch the New Jersey shores of the lake. The zip codes will get this in their mail. We used it last year. It basically gives a description of what's going on with the herbicide program in terms of dates, and I mentioned this to Jack comma Dan we need to just make sure the dates that are implied here are correct and, when the front of this thing is a, an appeal to get on board to treat the weeds, which worked pretty well when we used it last year. And this goes out, like I said, to zip code blocks. It's not a an individually addressed item. And if you ever look at what you get from your local realtors, that's the stuff that they get. That, the way they send their stuff out. The QR code here will, when scan takes people to the Greenman Lake Commission website, and we did that last year where they can get more information about the herbicide program. And also, Allison correct me if my, I'm wrong, there was a way for them to download forms right? And to sign up. Secretary Allison said, well, yeah. I'm pretty sure I can make

a QR code that would tie into the Google form. So, fact the QR code you want to use so they can scan it and, and, you know, set up the form right away. Unless you want them to just go to the herbicide information page and then click on the link to bring them to the Google form. Commissioner Dale Van Nimwegen said, well, what we could do, how about this, the QR code is on here twice, right on front. We could make this the scan for more information, take them to the site with the blurb about the program, and then the scan to sign up could be to take them directly to the Google forms. Dan, Paul and Jack, does that make sense to you guys? Commissioner Jack Roe said yeah, that's fine. Secretary Allison stated or do you think it's going to be too confusing? Commissioner Jack Roe said, maybe both of them go to the info page and have the button be really big and easy to see. Commissioner Dale Van Nimwegen said, okay. That works for me. And then we just have to double check, there is a reference here that talks about select days during the period from mid-May to early June. We may want to refine that a little bit. But, Dan, Jack and Paul, you guys should read this little blurb here and make sure it's accurate. Commissioner Jack Roe said, yeah, absolutely; we'll do that and then we'll bidding is just a couple of weeks

**Floyd DeAngelo – No Report**

**Jim Martin –** So, after our last meeting, or just prior to that meeting, we put in the DEC calls, jurisdictional determinations for all non-wetland areas. And on two days after the meeting, actually the 21st, the Mayor of Green Lake received three herbicide, or pesticide permits for the non-wetlands area so the JD's could take 90 days. I think we spoke about that kind of thing. Just today. The mayor received from Tigeris, the wetlands permit and associated, environmental assessment form, joint application with Army Corps engineers. So those should go in, they are kind of late, but at least they'll go in. they don't need a JD for that because it's already wetlands, but I understand the same people at DEC who do process the JDs also process permits. And this year they are going to be, under a lot of duress with all the Inflowing JD. So, we're still waiting on Tigeris to give us the, weed harvester agreement. Like got a grant for a wheat harvester. I checked it out. It's pretty small. It should be able to get into close to shore between marina docks, things like that. so we're waiting on that permit. That permit will be covered by the JD's also because it's, that harvester is targeted for the main lake. East, west arm mainly. you guys said you'll want to harvester the summer. I told Tom about that, so he is cool with that, and we'll just have to coordinate, with whoever it came up with at the New Jersey meeting. I'm just kind of looking at all you, but New Jersey, Last meeting we said, or somebody here said that Jersey would like use of the, one of the small harvesters. Originally Greenwood Lake maintains them, we're supposed to both share, we'll have to figure out a schedule that might, Commissioner Eric Hastings said, and Greenwood Lake will provide an operator. Commissioner Jim Martin said, I'm not sure. Commissioner Eric Hastings said, it's what it's in the notes. Commissioner Jack Roe said, Okay. So. Thank you. When we get plans, we'll contact you guys to take advantage of that. We're waiting on the last, harvester permit for non-wetlands. Our wetlands harvester permit is good through December 31st. So we're good with that. Just for the wetland. And that's about it for Village of Greenland. Commissioner Eric Commission said, so that whole north arm is wetland. Commissioner Jim Martin said it is, it was considered all wetlands by the DEC even though it wasn't even on the map yet. Now it's definitely all we irons and everything else is potentially wetlands. So, I went to the DEC had a webinar Floyd and I believe Dale actually went to that meeting. You said there was like 40, 50 people there. I joined the meeting. It's pretty much the same as previous meetings explaining the new laws in New York state and JD's. The only thing I noticed was the DEC in one sentence said that municipalities, when they explain to people, the requirements of possibly getting a JD jurisdictional determination, they this time said, use your discretion if you're really far upland. So, you don't think there's any wetlands. You're really far uphill. You don't top of the mountain list and you don't think there's any wetlands there. You skip the JD. But I'm thinking of from the perspective, municipality, they could leave themselves open for a lawsuit that say they, they say, oh, that's not a wetlands. But it turns out it is a wetlands. Then I would just tell people when they want to permit either a shed a dock or, you know, sewage, septic tank, any, any kind of driveway they should get a JG. I think DEC may have backed off on that a little bit because they know they can't handle the volume that's going to come up this spring. It still seems a little not concrete. Commissioner Jack Roe said, Sure. It, it is never gonna be concrete.

**Jack Roe –** I got a request about geese. Apparently the Awosting beach had about one of the worst geese years in a long time last Paul probably got a good idea. Secretary Allison said, I liked Eric's concern last month. The Avian flu. Commissioner Eric Hastings advised I got a couple phone calls. Commissioner Dale Van Nimwegen stated, at one point, and we haven't really talked about this. At one point, and this goes back a few years, we had been talking about different community beaches and had a vague conversation about the fact that there might be, I'll call it landscaping, on the water's edge that can be used to deter the geese population. The problem with the beaches is if you make it so the geese don't

come out of the water, the people can't get in. But there may be some options there that we could take a look at. Commissioner Jack Roe said, yeah, they did some stuff down there that helped, but the raft was a disaster and this year, my yard has the bushes to keep the geese out and all that stuff. In the winter, they didn't care. They were my yard's been a wreck, which has never been a problem. So, there were more of them or something. Commissioner Paul Sullivan said, there were more last year than people wanted to admit. Number one, I could not get out of my boat at Emerald Point without stepping on goose shit from one end to the other. And, to some, you know, the addling the eggs are important. I live on a small lake and I only have 50 foot wide. And I have a rowboat, a sailboat, a paddle boat, canoe, a dock. If I put vegetation, three foot wide, three foot high, like it suggested, my wife would cut my legs off. That's one. And so are my grandkids because I can't get water. So that is a good idea. If it's an area where there's no people living. The other thing we try and in the process of doing that now is the spray one is a grape spray, but that stinks and people are with allergies are having an issue with that spray. And then there's another one I'm trying to get my hands on, I don't even know the name of it. The geese eat it gives a sour taste and they don't like it, but it has to be applied on a regular basis. So my conclusion is that there continues to be, as it is, we need to con contact USDA, United States Department of Agriculture, and ask them for some recommendations. Commissioner Jack Roe said, that's the thing we ought to be thinking about, okay, that's enough that that's. Secretary Allison Wagner said, I don't think we'll have any time to do it. It won't affect anything. I think this is the time of year that it has to be done. How many years ago we did the roundup and I think it was the end of winter, beginning of spring. When it really made the impact and everything, all the paperwork and everything was already in the works in like the fall to get everything. Commissioner Jack Roe said, well, the guy who brought it to my attention, talked about several years ago. Yeah. So, he probably talked. Secretary Allison said, oh, you guys have talking about it. Commissioner Jack Roe said, Yeah, he said it was effective. Secretary Allison said it is, it's not a fan favorite. Commissioner Jack Roe said, Oh, not for me either. Commissioner Eric Hastings said bow season was very effective when you're, again, not a fan favorite also, but bow season worked. Commissioner Floyd DeAngelo said, there's a house next door to me. They rebuilt. They cleared the land. And you think it was a geese resort! Commissioner Jack Roe said Yeah. Oh sure. New person moving in, doesn't know.

**Dan Sullivan** - I don't know if I got that email about the draft for the flyer for that, but I'll look for that again tomorrow. Secretary Allison said, Oh, it just came, she just sent it. Commissioner Dan said, ok I'll check for that tomorrow. So, hopefully the weed herbicide stuff is all still on track. Jack and I have a meeting set up with the mayor next week, and there we'll discuss some more of what we could do with water chestnuts. Water are chestnuts maybe getting volunteers, and if they are willing to help us with, some disposal of if we're able to get a hydro raking for a day or two to get the real bad areas. I believe all the ice is off the lake. I don't know if anybody's curious about that. Commissioner Jack Roe confirmed, yes, all the ice is off the lake. We do have a herbicide thing on our list, which is to find out what Andre's weed is. Public guest Andre Borie advised, yes, I brought pictures from yesterday. Commissioner Jack Roe said, "Oh, oh, is it already coming up by you?" Public guest Andre Borie advised, Yeah.

**Paul Sullivan** - I was hoping that more information about the \$30,000, but I know it's coming, was approved by say, county. Commissioner Dan Sullivan said he checked and in the mail, I believe it's a purchase order from the county for the 30,000. Secretary Allison Wagner said, Oh. So that needs to go to Dale. Commissioner Dan Sullivan said I don't know how to read things but, I think Dale has to sign something and send it back. Commissioner Paul Sullivan said, he'll sign it tomorrow and send it back to the Passaic County. Commissioner Jack Roe said, Alright. Commissioner Paul Sullivan said, If they sent invoice, I'll call him and get it done. Commissioner Jack Roe said, ok, Good. Commissioner Dale Van Nimwegen said, Oh, I have a standard cover letter that we've sent before if you need it. And I think so does Allison. Commissioner Dan Sullivan said, yeah, maybe Paul and I'll call you tomorrow when we're together. Commissioner Jack Roe said, ok, that sounds like a plan.

**Jessica Kruegel** - The current lake level is 10 feet, 4 inches, and the outflow is 73.7 cubic feet a second, which correlates to 47.5 million gallons a day. We went back a day like before the rain and it was at 37 cubic feet a second. So, the rain brought it up or bit, so it's good because we're in a drought situation still. Between the rain down below, it's still very low. I do have a little bit of information on Browns Point. Our ORD office, that's Office of Resource Development, they are looking into the letter, you guys wrote like a year ago. Yeah. With Laura with our assistant commissioner. So, they're looking into your concerns and they are they did hold a pre-proposal meeting with like architects to try to like see if anybody was going

to design that spot. And this is for a public boat launch. Yep. So, like a little bit of progress, but very slow. Commissioner Eric Hastings said, my feelings were made from day one about this is that the commission should have a lot of input about what gets put on Brown's point. So that we have some say it's going to get done with or without our consent or denial or what have you. Without our opinion, fish and Game is much stronger than we are. They want it, they're going to get it. So, if we don't have any input, fine. They are going to put up whatever they want. If we have a little input on it, maybe we could, you know, help steer this ship. And a building with a permanent home for the commission would be a good thing. Permanent home for the weed harvesting equipment.

**Kelly Turturro/Ingrid Haeckel** – I also wanted to give a brief update related to some of the current grant opportunities. I won't go into detail, but, the first one I wanted to mention that I shared was the environmental facilities, corporations, wastewater infrastructure engineering planning grants. So as you may recall, some of us were in a meeting last May with representatives from New York State Environmental Facilities Corporation and DEC to discuss different options for potentially pursuing a community wastewater treatment plant and sewage and sewer system in Greenwood Lake. This was a recommendation in the TMDL plan. The Village of Greenwood Lake had commissioned an engineering study for exploring this back in 2009. And the project is listed as a high priority on the EFCs IUP list, which is, kind of the list for projects recommended for low financing. But the, the study is out of date. And so, one of the main recommendation that came out of that meeting was to update the engineering planning study for the project. So, these grants will provide up to \$50,000 for wastewater infrastructure related planning projects. There's a 20% match required, from what we heard last year, these grants are not currently oversubscribed. This would be a first step to explore piecing together funding options for an eventual potential sewer system. So, and wastewater treatment plant. The village of Greenwood Lake is eligible to apply for these grants. I checked the eligibility. Unfortunately, Warwick is not eligible to, to the, the high median income level in the town, but the village would be eligible to apply. And the deadline for that is April 11th. And I looked at the application, it does not look very in depth, you know, compared to other grant applications, it looks pretty straightforward. The second opportunity is Department of States Coastal Rehabilitation and Resilience Projects. I mentioned this back in January. This is one of the new Bond Act programs. There's \$20 million available. What was new, coming out is that they did expand the geographic area that's eligible for these grants to include Southern Orange County. So, when they originally announced this program and put out the draft eligibility requirements, your area was not in the on the list, but now it is. So they're planning to award \$20 million for the next five years each, each year through this grant program, and it can fund projects that includes stream and wetland restoration stream bank or shoreline stabilization stormwater management projects, green infrastructure, stormwater retrofits. So, this only requires 10% match, it's a 300,000 minimum grant. There's no maximum specified, so this could be you know, a good option for funding stormwater retrofit projects. And, I just wanted to, again, bring this up as, as an option and perhaps the communities may not be ready to apply this year, but, it would be worth looking into further, because stormwater retrofits are, again, a high recommendation of the TMDL plan to reduce phosphorus in the lake. Commissioner Dale Van Nimwegen said, that category, the last one, that's when I was listening to what was being discussed and shared. That was a category that I thought was really something we should really dive into. So, I think that we need to get resources applied to doing what we need to do to move forward. And as you say, it's probably a next year issue, but, you know, all things being equal, I think we should give it a go this year. So, we figure out what we do really need and then we'll be prepared to actually go through with-it next year. Commissioner Ingrid Hackel said, yes, one question I had, you know, is, are you in touch? I assume there is someone in the village that is responsible for maintaining, a stormwater retrofit list as part of the MS four permit and, figuring out kind of what the status is on. That planning at the village level could be helpful because these grants do require a feasibility study or 30% design or equivalent as part of the application. So the, the grant can fund some engineering costs, but they're expecting you to come in with some preliminary planning work already preliminary. Commissioner Dale Van Nimwegen said well, Floyd, you had looked into this a number of years ago and you had a contact in the village, didn't you, when you were looking at the storm water and the catch basin and stuff? Commissioner Floyd said, Yes. Commissioner Dale Van Nimwegen said So, we could, we should probably have a, um, you know, a little pow wow meeting offline to see if we can figure out a plan to move forward with this. Commissioner Floyd said It'd probably be a good idea. Commissioner Eric Hastings said I think the village needs filters. The units are already in, but the filters are shot.

**Eric Hastings** – No Report

**George Vurno** – No Report



## **OLD / NEW BUSINESS**

### **Correspondence:**

**NJ GRANT UPDATE PROVIDED BY COMMISSIONER VAN NIMWEGEN:**

### **Water Monitoring:**

#### **Belchers Creek:**

#### **Browns Point:**

#### **Miscellaneous:**

**PUBLIC INPUT:** Next topic, Jim Oorthuys, Jim, you'd be interested in. We got bathometric maps. They're not particularly usable yet, but when they're available, I'll put them on the website. If you want them, I'll send them to you. What is interesting is what it showed is that by your area, I'm bringing this up because we've been talking about for eight months or however long, there's about a foot of sediment down to hard pan. I don't know how much water, it's not a lot of water, but there's water and then a foot of sediment. And my guess is the way you and I were talking, that foot is just stuff that got stirred up and fell in there. Because I'm pretty sure you've been saying it, not, I don't, I think I kind of saw it. There was, that was hard pan before, so it's about where foot worth of stuff to do, where the boats go. Jim Oorthuys said, Yeah. Where Lily pads were was, you know, quite a bit of mush, but where boats were traveling through was definitely hard. Just pushing it all away. Yeah. So, the leg would go down. I could actually walk it without sinking. Commissioner Jack Roe said, So, the bathometric maps kind of show what you were saying. So, information and when we have them in usable form, they'll be in the website and I'll send you a copy if you want.

Public guest said that's actually what I came here for, I grew up the creek up at, at the end, basically as far as you could go and first of all, I mean, I've been here since '93, that used to be a police navigable channel. They used to come up on the weekends every day making sure all was good. Commissioner Jack Roe said, so you're up by the boat basement area there. Public guest said, I'm past his house. When you get deep into the woods. Yeah. The thing called narrows down again. Eric also knows. Commissioner Jack Roe said, And are you there where it widens out that section Right where you walk, you go there, you walk to the end, there's the boat ramp that's been there forever. Used to be the pavilion for sub community there. And the creek drops down. I mean, at some point it's over my head. Commissioner Jack Roe said, there's deep spots, and the map shows that there's deep spots and really shallow spots. Public guest said, what I did though, I came down with my kayak last year and reached out today where you guys had did the hydro ranking. It seems like everything just started to like soupy, settled around. So, in the navigable channel, I used to get 3.8 feet, almost four. A lot of spots, easily up to your deck. Solid rock bottom. So, I said, okay, maybe it's just silt in stuff its soft. So I'm getting 1.8 feet after you did the hydrating one and he saw me out there. I was like, holy crap, it's ridiculous. You know? So this, maybe it's just super soft, but I took my paddle and it's hard as a rock. It's insane. You cannot get a boat back to that boat launch anymore, especially if the water goes down a little bit. You don't have enough; you don't have a board right now. I was in there, it was about four inches past my canoe paddle, right on my kayak paddle. And I'm, I'm hitting well, a nice solid, not super solid, but I can tell now it seems like things have softened up inside the channel. But I'm still getting a little over, you know, a little over paddle depth. Well, we will share the bathometric maps as soon as they're right. Something computerized and all I'm telling you, at least somebody has, I sat up there the first time I was up there all-day testing spots and Hell's going on. He had a guy from your commission up there at the same time, Commissioner Jack Roe said, well, it was probably me. Guest Speaker, Yeah, you went up to my house. Commissioner Jack Roe said Oh. So yeah, I know exactly. That is why I'm asking because I went up there and that's who I thought you were. Guest Speaker said, Yeah. Now, you know, you guys did all the hydro, just side all the hydrating and it's beautiful cleanup here. Now what about the disaster that you saw behind my house? Isn't that going to, all seeds gonna feed down? Possibly set the whole thing off again at some point? It is packed with weeds, lily pads, and it is completely insane. Commissioner Jack Roe said so here's, here's kind of where we're sitting right now. We did the hydro raking, and we've got two studies going on; one with Montclair State University, one with Princeton Hydro. And the idea is to walk out the end of these studies, which is going to be done by the end of this year with all the info we need to dredge in the creek. Now. That's great. We'll be ready, we'll be ready to get permits all set with purposes. Trick is going to be getting money. That's going to be the hard part, but you got to do this first. Otherwise, no one's going to give you money. So, we're doing this and, on the way, looking for funding sources so we can dredge that. And a lot, I mean, along the way there's a whole bunch of spots that are really (inaudible). We will publish that once it's meaningful.

Partially inaudible: Public speaker: If I could add a couple things, Mr. Storms, the guy used to be a part of West Milford DPW, with the town and all that. there was supposedly grants years ago to go over to Pine Cliff. Well, yeah. Watching the dam at Pine Lake under the bridge and if you like, you had to stop going back to my house right around there. That's where if you put a kayak from the, or let's say underneath the bridge in the valley view and saw what's in there on the way out. I mean, the weeds set of, and also it's, it's odd. There are certain little creeks that came in from the street and there is roads salt that you guys put down on the road that has come in. I was actually there today. Now next time I bottom out on my cadet, that's the deepest spot of sediment. Right. There were, Jim, you, you were pointing to it. So, I looked at it where the, the creek comes in. Well just in order. Just up past North House or way past up? Yeah. By Valley View. Oh, okay. By Valley. There was a big sediment spot there right by Valley View too. Oh, was it Right when we were talking we didn't know if it was an accessible area board drifting. Well that's Pep becomes a whole part of it too. Can we, can we get to all these spots? because that's part of the dredging money is not running the dredge and getting rid of the dirt. That's a thing. But also building temporary access roads to get there and then cleaning them up after you're done. It's you have a lot of little access roads and weird things back there that you don't even know about that. One of the reasons I can remember off, off maybe, I know Eric for many years may not offer know it's back there. That is, we gotta learn from you guys. because roads all, there's one that actually goes from a high Chinese restaurant. Okay. I don't know what it was. It's compatible. Old boat trench or something. Something. It's got a dirt road right alongside it, right to the creek. That's stuff we gotta learn from you guys. Because we, there's a lot of things that are out there. Go up here and just offer head, you know, I'd love to see a place get into, you know what's, they also have this, you guys up with this kayak project, but the nature trail and Kayak rentals. Somebody was in here about that a couple minutes ago. Somebody just dump two, creates a kayaks off in the gas pipeline property and over where? behind the old marina. Down right before the Bel Creek Bridge. Yeah. There are two big things. They hold eight kayaks each. It's got a phone number on us is Greenville Lake, uh, has the, the addresses and they're promoting people gonna rent the kayaks and put them into Belcher Creek now. If you go north to my house from where you saw it, you can't believe that. I mean, actually the nature trail, all that kind, you took a thing when the water's high, we went from the valley view. We can put in behind it or whatever the dam is, all the pine cliff Lake commission. Mm-hmm. You get people's ass about that. But if you go all the way out, it's amazing. Beautiful. You know, even if somebody was to charge people on a small amount of money ticket, get a joint all way, all the way out to the lake, there's a money source that's out there dump just creek's. Amazing. Yeah. That, that, that's not gonna pay for. It's a nice thing. It's a nice thing. They ain't going to take the, they just dumped these two things. There must been last week, I, I, I didn't know anything about it. I just wrote, wrote note to say. Wrote note to say. Okay. Uh, let's, let's keep going. Do you have anything else? No, that was pretty much it. Jim, do you anything? I mean, I. This part of my report, but I'm done with my report. Yeah. Uh, that was, it's interesting to see what that report will turn out to be, you know, this, uh, confirmed, you know what I was saying? So, yeah. Yeah. It sounds like he saw the same thing I saw in that area. The Yeah, and the point you pointed out, which is just past your house where you had said the, the, that little creek washes in and is like a that's the deep, that's like six feet of sediment there. It's, it's like a way lot. Go over that six inches over there and it gets deep again. Yeah. That's what it showed, right? Yeah, that's what it showed. You want to know why? Because Eric boss hates people behind us and he considered Belcher Creek his, and he's going to have a heel bank finds out about that, Eric. It let those giant trees drop into Belcher Creek. It was this giant wide oak. It fell right across, now, whenever you have something laying in the creek and it sits there for a couple months, it starts grabbing dirt. That used to be a, when I moved in here, there was a guy in that owned his house that had a seven, 7-foot inboard that used to go to that. No problem. That thing was not silted in. He left that thing, sit there and purposely because he don't want people back there. Interesting. So interesting.

Roger: I'm just here, on funding to see because I'm the guy that you bring on dirt. Commissioner Jack Roe said, Oh, okay. Nice to meet you. Roger continued, so, I talked to Dale, been very nice putting up with us and I just, you know, so waiting for a face with the money that, you know, if you guys ever get it that you know throw some my way. Commissioner Jack Roe said, Dale and I were talking about that this afternoon. She's managing that, job. Roger continued I just wanted, you know, I don't mind it taking time, but I still got bills. She gave a little bit, Commissioner Jack Roe said, getting money out of the state is time consuming. Roger continued way different than we thought it was going to, that exactly what she told us. You know, she keeps us pretty much posted as my bookkeeper is a pain in the neck, Commissioner Jack Roe said she doing her job. Hopefully something should come up this month. Commissioner Paul Sullivan said, but I can sympathize with you because I've been getting calls from one of the other vendors on a basis.

Online Guest: My name is Lucia Piccolo. I'm a resident of, a new resident of the Greenwood Lake, and I have property on the, on the lake, and I'm not sure if this group is the right group to, support, to provide some information that I'm looking for, in regard to the drawdown of the lake and possible, repair of my sea wall. Commissioner Jack Roe said, you came to the right group. We have the report. Commissioner Dale Van Nimwegen added, the Lake Management plan. Which the intervals for doing a drawdown. The next draw down is the 2026-2027 season, Jess? Yep. So, we'll actually start the process for, public meetings and so forth. In roughly the February 2026 timeframe, there'll be a series of public meetings and notices, and the draw down, the actual drawing down of the waters won't occur until the fall of 2026. Lucia Piccolo continued, Okay, and what like permits and what's the process I would like to know in which I need to start. Candidate myself for a repair, of the sea wall because I understand that has to go through the environmental process and approval in New York or Jersey. Commissioner Dale Van Nimwegen asked, do you know if there'll be a blanket permit for the New York area? One of which has been done in the past? They've done a general permit, which covered multiple docks. Or have things changed now because of how the wetlands designations have changed? Do you know? I don't know. We may not know the answer just yet. Commissioner Eric Hasting asked, do you know if it will make it to the next draw down. Is it decaying very quickly? Will it make it until we draw the lake down or do you need immediate repairs? Lucia Piccolo continued, in my opinion, we should use immediate repairs. I've been told that we have to wait for the lake to be drawn down for this work. Commissioner Eric Hastings said, that is not true. You can do immediate repairs, but it's very important that you notify the DEC that you're going to be repairing an existing bulkhead. The phraseology is very important. It's an existing sea wall that you're going to be repairing, and there's a hydro cement that is fine for pointing rocks. I don't know what it's made out of, but you can use concrete underwater. Lucia Piccolo continued, And how do I contact, do I contact them myself directly? The DEC? Commissioner Eric Hastings said Yes. Yes. There's a website. There's a website, N-Y-D-E-C, and it's, it's pretty self-explanatory, but there's also a number there. They are right up in New Paltz. So, even if you had to drive there, it's not a terrible inconvenience. Commissioner Jim Martin said, she would also need the town or the village permits, right? Commissioner Dale Van Nimwegen said, yes, there's people in the village of Greenwood Lake who have been through this multiple times, who probably would be able to help you as well. Lucia Piccolo continued I contacted the clerk at the Greenwood Village for guidance, and she has directed me to you guys to get information. I went through the clerk at the city hall for information and for guidance. So, this is why I'm here tonight. Commissioner Eric Hastings said Ma'am. Ma'am, there's a common form. It's called the short form. It's four pages and it's adequate for the, for the N-Y-D-E-C and Greenwood Lake Village. Lucia Piccolo asked and this form is, where do I find it? Commissioner Eric Hastings said I believe you could, you can print it off. Offline from the DEC website short form permit? And that'll suffice with Greenwood Lake Village and with the DEC. Lucia Piccolo said, Okay. I'm going to do some research based on the information that you provided. and we'll take it from there. Commissioner Eric Hastings said when you're doing the paperwork, be very specific. Use the phraseology, you have an existing sea wall, and also request a letter of jurisdiction from the DEC. This is very important. Commissioner Ingrid Hackel added, I can provide the phone number for Bureau of Ecosystem Health. It's 8 4 5 - 2 5 6 - 3 0 8 7. Lucia Piccolo asked and they're also part of the dec Yeah, that's, that's the, the, um, the bureau that handles those permits, oh, thank you so much everyone for the information. I really appreciate it. One other concern, I know I received a letter in the mail regarding the treatment for herbicide, which I had plenty of that in my area. And also there was something in the letter talking about dredging initiations. I know I heard some, conversation about the dredging. When would that take place? Because in front of my property you could actually walk onto the lake. Commissioner Jack Roe stated, the thing we're talking about is in New Jersey, in Belchers Creek, and it, it's not even funded yet. It's really years away. You might be talking about the New York. Are you guys talking about that? Is there some discussion there? There's a existing three year event that includes harvesting and dredging, but that is just north of the Route 17, a bridge north. Lucia Piccolo said, Yeah. I'm like south of it. Commissioner Jim Martin said so there's no existing permit for that yet. Commissioner Eric Hastings said but how people usually handle it is when the lake is drawn down, the DEC is very cooperative in the permitting for the homeowners to take out up to 10 yards. Lucia Piccolo said Oh, okay. That's good to know. Commissioner Eric Hastings said so that would typically, you know, a contractor could come in with a backhoe when the lake is drawn down, and not make contact with the water, but he could clean out your boat slip maybe also clean out your access to the lake. Usually 10 yards, does it. Lucia Piccolo said Okay. 10 yards. And that also requires a permit correct? Commissioner Eric Hastings said Oh, yes. Oh yes. And know exactly who you speak with and write everything down. Lucia Piccolo said Okay. Thank you so much for the information. You're welcome.

Andre, you were, you were on my list. Did we find out what Andre's weeds are? Andre said So anyway, this is easier. Yesterday, the day before, I just took that razor rake that you used. I dragged one pass along my dock. Oh. This is what's coming up. So this is the, the ropey stuff I tried to describe to you when I pull in, you know, put it up on the lift, goes right around my prop, and it won't spin, you know, it won't spin backwards. I got to get under here. Cut it off. So, but that was just five minutes of just dragging the rake. Commissioner Jack Roe said, so if you could send them, do you have my email or Dan's email or somebody's email? Commissioner Dan Sullivan said you could even just text it to my phone. I can send that. I can send that to the guy. Those are good enough pictures. Andre continued, this all started growing like this until October and December. It was like the whole surface. Very weird time wise. Commissioner Dale Van Nimwegen asked, would somebody share that photo broadly across the commission? Because we'll send it to Fred too. Commissioner Jack Roe said we're doing the bidding like right at the end of March, March 31st. Then I think we're opening the bids, so right around then, we should know the guy. I forget the schedule, like a week or so after that. Once we pick the guy, we want to have that and get it to him. Andre then asked, and just unrelated. Is there anything that can be done to mark this rock? Commissioner Dan Sullivan said, oh, that's leads to navigation, which I don't know if, did we ever successfully get a phone number from that? Commissioner Jack Roe said, you got to go through the state police out of Lake Hopatcong. They came in. I didn't find them very helpful last time because, well, somebody, you know, the last guy was looking for something that was way more general. We we're talking about something really specific there. They might respond to that. That's really specific. Commissioner Dale Van Nimwegen asked to repeat what was being asked. Secretary Allison stated, so Andre has a, a rock right outside the, the channel of his property. Commissioner Dale Van Nimwegen said, so he wants a channel marker. Secretary Allison stated, yes, I think that's probably what should be done. Maybe just a channel marker. Commissioner Jack Roe, said, ok we can talk more about some ideas offline. Motion to adjourn. Moved.

**ADJOURNMENT:** There being no further business to come before the Commissioners, the Meeting is called to adjourn by Commissioner Jack Roe and Seconded by Dale Van Nimwegen, all voiced in favor.

**IMPORTANT DATES:** Next meeting is April 15, 2025 @ The Senior Center in the Village of Greenwood, NY @ 7pm

**MOTION & RESOLUTION**

- 1) Commissioner Dale Van Nimwegen motioned that we move to approve the February 2025 minutes as distributed. Commissioner Ingrid Hackel seconded; All in favor: Yes, Approved.

NAME	YES	NO	ABSTAINED
Floyd DeAngelo NY-Chair	X		
Paul Sullivan	X		
Dale Van Nimwegen	X		
George Vurno			
Eric Hastings	X		
Jessica Kruegel	X		
Kelly Turturro/Ingrid Hackle	X		
Dan Sullivan	X		
Jim Martin	X		
Jack Roe	X		

Name	Attendance 2025	Reports Given 2025	Name	Attendance 2025	Reports Given 2025
George Vurno	0/12	0	Eric Hastings	2/12	1
Dale Van Nimwegen	3/12	3	Floyd DeAngelo	3/12	2

Paul Sullivan	1/12	1	Laura Franek/Jessica Kruegel	3/12	3
Dan Sullivan	3/12	3	Kelly Turturro/Ingrid Hackel	3/12	3
Jack Roe	3/12	3	Jim Martin	3/12	3

## GREENWOOD LAKE COMMISSION

### APRIL 15, 2025 MEETING MINUTES

Hosted at The Senior Center in Greenwood Village and Teleconference via Zoom

**COMMISSIONERS ATTENDANCE:** Floyd DeAngelo, Jack Roe, Dale Van Nimwegen, Ingrid Hackel, Jessica Kruegel, Dan Sullivan, Eric Hastings, Jim Martin, Paul Sullivan. Absent: George Vurno.

**APPROVAL OF MINUTES:** Commissioner Dale Van Nimwegen motioned that we move to approve the February 2025 minutes as distributed. Commissioner Ingrid Hackel seconded; All in favor: Yes, Approved.

**ACKNOWLEDGEMENT OF GUEST:** Nancy Clifford, Lisa Milano, Village constituents.

**TREASURY REPORT:** Not much has occurred since the last go around, just the normal monthly billings for things like our internet and things of that sort. It includes Allison's services up to and including this last 30 days' worth of work. The total expenditures on the columns that say New Jersey Commission Business and New York Commission Business, they're pretty similar coming up. In the next number of months, there's some anticipated transactions. On the New Jersey side, we're expecting the \$30,000 from Passaic County, which we have not yet received. And because there's some administrative things being changed, I think that's the explanation, something close to that anyway, down in the county. It also includes expenditures for reimbursements of some things that were done. Similarly, if you go over to the New York Commission business, there is the anticipation of the \$70,000 coming in and some other expenses out there. So, what you see there is the total cash in the bank. We have on the far right in the green line is \$60,173.00 between the two accounts we have and with the expected transactions, which includes; \$70,000 & \$30,000 from Passaic County and, three quarters or, or \$350,000 from DEP less what I have to pay out for DEP. We actually will bring our anticipated, projected cash in bank, bank backup, and we will have fully reimbursed at that point, the commission monies in New Jersey that have gone towards paying the grant expenditures to the extent I was able to do so. So, before I talk for a second or two about the grant, I don't have too much to add. Anybody have any questions on that? It's pretty straightforward. I also, forgot to mention I have processed our application for insurance. Which is the liability insurance for the commission that's in progress. That will be paid out as well before we meet again. I don't expect any problems with that, but you never know the world and the times they are changing. So, we'll see how that goes. I mean, if anybody ever wants to see the terms of the policy, I looked at it carefully; we may in New Jersey, if we get involved again in a more active role, we may do a time limited upping of liability, particularly if we engage any volunteers. So, we'll have to talk about that for something that might be coming. When I talked to her, I said there's not enough known now to put, you know, to characterize it appropriately so that it can be classified as an insurable asset and all that kind stuff. So, we just have to anticipate if that's coming up, I need you know, a week or two to sort through that. So just put that in the back of your head. Those things are coming up. Yeah. Same thing applies. If you know work we're doing in the New York and to the extent that it's run by the commission, we have to be careful of that.

So, the word on the grant is, and I sent you guys a copy of the confirmation that the amendment to the grant has been signed by the director of budgets, which is the signature we need. It is now in like hopefully, any day now, administrative limbo, getting, you know, from this desk to that desk to that desk and uploaded the final, approved, signed, wet signature copy. But it's a done deal, they approve the amendment. So that's the good thing. The copy that I sent to you guys, I also sent a copy of that note to Mayian, to the budget person, but I'm gonna also send it to the, his name escapes me right now, and also to the person who handles Princeton Hydro. I sent it to Solitude. So, that's everybody. I have to cycle back on a person in MSU, the guy who in the budget department from Montclair State, who had been handling the project has left Montclair and gone elsewhere. So, there's a new person that I just put it off for the moment. I have to educate that person, about how, how this is all running. But that's, that's coming up. That'll be done in like a week or so. That'll be all squared away. And so that's that. we're about to march into, and you'll probably talk about this, um, more expenditures that we're going to need to pay and the way the advance works so everybody's clear.

The advance we're waiting on is 350,000. They give that money to the commission, and we put it in the account. I already have nearly all of that spent. Between bills yet to be paid and reimbursing the basic commission expense bucket for that which I've paid out. What I then have to do before I can get more money from DEP, I have to then submit a proper reimbursement request for the expenditures that I've paid out of the advance. That has a whole another set of paperwork, so just be aware that, wow, once we get the advance, the payment is instantaneous. This is going to happen. The next advance I can get is another quarter of a million and then a quarter of a million, and then they hold back

\$50,000 until the whole project is complete, which is kind of standard the way it works. Okay. Did that all make sense? Yes, ok, I am all done.

#### **COMMISSIONERS REPORT:**

**Dale Van Nimwegen –**

**Floyd DeAngelo – No Report**

**Jim Martin –** We had a meeting two weeks ago on April 1st with the NYDEC Tracy O'Mally, Mike Frats, Jamie, Sajack, I think that was his name. He's with MHE Engineering and Kelly Morris is a senior planner with them. Tom Halley and myself, discussing hydro raking harvesting pesticide treatments, previously considered non wetland areas within Village waters. The DEC gave us a verbal notification that even these sections are now considered freshwater wetlands and they require a freshwater wetlands article 24 permit. So, we then reviewed what we would be allowed, how we have to define we're doing, why we're doing it, how we're going to keep this limited to invasive species, show photo evidence and yearend reporting. So, we went all through that, and the DEC did state that they still do issue three-year permits, and that we should also submit a new freshwater article 24 permit for north of the 17 A bridge; where we're also going to do pesticide treatments. That permit we sent in as part of the hydro raking permit. But now, DEC says, said, we should submit a new article 24 permit for that section and another new article 24 permit for the rest of the lake. So that's two permits that are in process even though the pesticide permits were put in Article 15. So, then we had another meeting later on that week on the third with MHE, Tom Halley, myself and Bob Schindler of Tigris. And we explained to Bob, you know, he has to submit, not revise the wetlands permit that we already had. Then the DEC said it would be easier for us, rather would be clearer and actually quicker if he makes a new wetlands 24 permit for that section and for the rest of the lake. That was always considered wetlands. That's the end of that three year, one more year on that permit. We're submitting a new wetlands permit. It's already been submitted, for herbicides, pesticides, whatever you want to call it, north of the 17A bridge. Then we're submitting a, new wetlands 24 permit. For pesticides in the rest of the lake. Commissioner Dale Van Nimwegen said, Herbicides, right? Commissioner Jim Martin said, herbicides, DEC calls it pesticides. Sometimes it's interchangeable. Commissioner Dale Van Nimwegen said, I thought they were under two different sort of rules. Commissioner Jim Martin said maybe in Jersey, are they the same? Commissioner Dale Van Nimwegen said, I don't know. Not sure. Commissioner Jim Martin said, Okay. They call it on the permits a pesticide permit. You're thinking more of land versus water, right. Commissioner Dale Van Nimwegen said, well, partially, but also, yeah, remember I thought they were two different, products and that fell in two different categories, but that's an impression, not something I know for sure. Commissioner Jim Martin said, I think on the DEC website, the article 15 calls it a pesticide. Okay. But I use it interchangeably. I'm sure you guys pretty much do this specific requirement. So, Tigris is also going to submit the wetlands permit that we just found out that week, two weeks ago, and MHE engineering is putting together a wetlands permit for hydro raking and harvesting for the new village harvester on the mainland and the two arms, but not in the previously considered wet. And Tom Halley said, we got a \$6,000.00 approved grant from Prism, I think it was, Floyd is that right? Commissioner Floyd DeAngelo said, Yeah.

**Jack Roe –** We did a bunch of stuff this month. Dan and I met with the Mayor on March the 25th. We learned a couple of things. One, the the town is renting kayaks in the creek, and that's news to me, I didn't know that. So, I went around and looked where they are in the town, has a vendor renting kayaks up in the creek. So that's kind of nice. People are getting to use it. Secretary Allison Wagner asked, was that what the guy was talking about last month? Yeah, but I didn't know what they were talking about. There was like a whole inaudible section of the recording, and I thought, I did hear him say that they were renting kayaks on the creek.

Commissioner Jim Martin said, yeah, we didn't know it was the town. Commissioner Dale Van Nimwegen said, I had seen something about it and it was on my list of things to ask you about what you found out. Commissioner Jack Roe said, yeah, the mayor mentioned it and I went around and looked where they are, you know, these kiosks and Scan a QR code and pay with your, or whatever. Commissioner Dale Van Nimwegen said, so it's unattended. Commissioner Jack Roe said, yes, it's unattended in two different places. Right behind, Slater's Marina is one and all the way down by Wallace is the other. So, they're there. We went over the Bathometric maps and she thought that was cool. Once we get the new version, I'll put them up on the website and everybody can see them. She was interested in that. Then she introduced us to her grant writer. She said she was going to do that, and then she set up a meeting. I met with the grant writer on the fourth, on April 4th, and the grant writer thought it was not inside of her contract to work with us. However, we kind of negotiate, we'll see how this lands, that we can kind of push stuff forward and the grants will go to the town, which a lot of them have to go to municipalities anyway. I don't care if, I don't think it matters if the town pays for it or we pay for it,

but we're in the early stages. We'll just keep it, keep the conversations going. I'll probably talk to next talk to. She knows, she knows Marty and she worked with them out there. The next thing, we went to the environmental, West Milford Environmental Commission on the seventh, which was interesting. They do a whole bunch of stuff that has not much to do with us. They were very interested in working together. I think there's opportunities for us to work together, but one thing that was going on is they were having a bunch of Boy Scouts in for some merit badge thing, and they were going to work with the Boy Scouts on a particular project. And Dan, you and I about this, I don't know how to get this off the ground, with the water chestnuts, but it seemed like the Boy Scout leaders were way excited about getting the kids involved and stuff like that. I don't know who can run that kind of program. I don't have any more bandwidth. I know you don't have any more bandwidth, so I don't know how we're going to do it, but I think that would be a really good thing if we figure it out. Commissioner Dale Van Nimwegen asked, do you think we might be able to, and I'll talk about Awosting, just because that's where we think you think like we might be able to find a volunteer in the community, a lake community, who would be willing to, I would call it, be a leader, in organizing it and so forth. Not be responsible for it, but in thinking it through, coming up with a plan and all that kind of stuff, what do you think about trying that? Commissioner Jack Roe said, I don't know who, what my next thing to do was going to be is I'm going to talk to Jim. Yeah. You know, Jim Gal, he was the Boy Scout leader. So, he'll probably knows all the troops and all the people and he might find a leader among them. Yeah. None of us have bandwidth, but it would be a good thing to do, and I think it's something. So, let's try. Secretary Allison Wagner said, so do we really just need a liaison between the Boy Scout troop leader, and somebody like on the commission who think like, I don't have a problem trying to like spearhead it and get it started and everything, but the problem I have is telling them where to go on the creek to pull this stuff and like, when, when is the exact time to do it? Commissioner Jack Roe said, I think that part's missing too, because there's no plan. You've to know stuff. Make a plan, keep an eye on the weather and all, because, I don't think there's like; June 3rd is the right date. You've got to know around; you've got to know a bunch of stuff that we only kind of know. Commissioner Dale Van Nimwegen said, it's kind of like project managing, right? Commissioner Jack Roe said, more or less. But anyway, if anybody has an idea, let me know. I'm going to put my feelers out through the people I know in the Boy Scouts, see if we can any traction there. And then hopefully something comes to the top of next month. Commissioner Jim Martin suggested, maybe those kayaks could be donated for use for the water chestnuts. that it would scare me a little only because of the liability issue, God forbid. Well, that's why you want, Commissioner Dale Van Nimwegen said that's where our little exchange about insurance came about. Commissioner Jim Martin said, yeah, that maybe that's why you don't want such a tight, control over this project, but like you said, get one of the other leaders in the boy scouts to do it. Commissioner Jack Roe said, they're going to have the same problem, right? You do it the wrong time, all you do spreading seeds around, right? You can make it worse. Right? If you're early enough, but too early, you're not going to have enough plants and we got to figure that out. But I, I don't have much info on that. Commissioner Dale Van Nimwegen said The Passaic County had a where, where Ella Philippon came from, I can't think of the name of it, she was part of an environmental; Commissioner Dan Sullivan suggested Green Acres. Commissioner Dale Van Nimwegen said, no, but it'll come to me. I can't think of it right now, but they looked after bodies of water in Passaic County. From an environmental standpoint and try to launch things to better those bodies of water. And if there's still an existence, that organization might be willing to take something like this on.

You know, who's going to remember it? Probably Paul Sullivan will remember the name of it. I mean, maybe we can find some help throughout the county. Commissioner Jack Roe said, yea, what we need is one person who's interested, who has some skill too, though. You have to have a project management skill and understand a couple of technical things. Okay. So that, that was a thing.

Another thing I did was I attended the NJDEP HAB summit. It was an eight hour zoom call. Not as fun as you think it might be, had it on the background, but there was some interesting chunks. I'm going to share some interesting chunks. As far as handling the nutrients in the lake, in the New Jersey portion of the lake where it's shallow. There, there are kind of two things people talked about. One is alum treatment. You essentially put aluminum oxide. There's, there's a whole bunch of materials, I'll tell you about that in a second. So, you put something down and then the phosphorus, when it comes up, binds to that when there's no oxygen. Because normally it would bond with the iron if there was oxygen. So, I don't know, you hear a lot of people talking about this, and I don't know how important that is when the water's so shallow, because I don't think we're going to have an anaerobic layer. Because everything's always turns up. But I don't know. It's a thing. Now, I'll go on that path. Lake Hopatcong has a big grant, I don't know exactly what the money is, but a big grant from the army Corps of Engineers and they're doing work in five coves, something like that,



and doing different treatments in each cove, these alum like treatments. They're going to compare the results and do all that stuff. It's going to be great information. They're going to learn stuff that we can leverage for what we do. Commissioner Dale Van Nimwegen said, yeah, that's what Colleen has been talking about for quite some time. Commissioner Jack Roe agreed, yes, Colleen been talking about it and then, then Marty presented. Commissioner Dan Sullivan asked, did they have a date on those projects? Is that 2025? Commissioner Jack Roe said, yes, this summer. And some stuff gets done earlier, some other materials they do later, but it's throughout the first part of the summer kind of deal. So, we just keep in contact with those guys. We will learn what they learn as they learn it. There was another presentation about a system. Its not quite a bubbler system, but you do put compressors on the land and they, they put tubes on the bottom and let out microbubbles. So, it's oxygenated. Its aeration, but it's not the oxygen system, which we talked about. And it's not a regular bubbler system because you don't want to stir it, you just want to get oxygen in down low. And then they put enzymes in, some kind of enzymes in. It actually eats all the nutrients, the muck and they had a study from one lake where a section was four feet, and after running this for four years, it's nine feet. It just ate itself up, just putting enzymes and air, so it decomposes. I thought that was very cool. I think both these things are way expensive that we don't have money for, but it's, as you go forward, you make plans and We can know the stuff, that's out there that we might be able to try. The last thing is the herbicides. I guess we're going to talk about that later. Before I do that, we also met with Mayin. That was interesting too. We met with MSU and they had preliminary results, which was interesting and unexpected. That apparently there's HAB levels that hardly went down at all, all winter. I didn't even know that this is a thing. We ended up talking to Fred Lubnow at a separate, I don't remember what it was, but it was after that, and he said there's certain kinds of HABs, not the bad ones we're worried about, but some certain kinds of HABs that do stay over the winter, and they'll show up in the counts. So, there's going to be some more analysis of this stuff. We will know more. We meet with them next month. Commissioner Dale Van Nimwegen said other things that we are revealing. It is really early. It's not only preliminary, it's, they don't have many samples to corroborate some of the findings, so they're doing multiple samples. So, there is, you know, there's the need to confirm some of the findings. The other thing that she said, well, that is forthcoming is there is, and this is not a technical description. They are doing DNA analysis on aspects of the samples to try to find out exactly what is it. Commissioner Jack Roe said, there was one place that had high, was it called? Commissioner Dale Van Nimwegen said, well there's high E.coli count at the wind bean Awosting access. And there's speculation as to, but we have, we have work to do to investigate that, because it could be that there are houses uphill from there that are not on the sewer system in Awosting, and they could be causing the high E.coli. Commissioner Jack Roe said, and that's part of the DNA stuff. They can tell if it's human, or geese, and that was really cool. Commissioner Dale Van Nimwegen said, for those who have seen MSU studies before in the past we've been the recipient of like a report on the data. This was really interesting because it was a dialogue about the implications of the findings and, you know, how to take it to the point where we have actionable steps. I'm sorry that Eric isn't here to hear this as well. I have to make sure we cycle back. It was very different, which was very gratifying. Commissioner Jack Roe said, I didn't know they were going to do a report. Commissioner Dale Van Nimwegen stated, well, she promised at our last meeting. And that she would give it a go, as she said. It was very, very interesting. We'll know more next month. Secretary Allison Wagner asked, did she record it? Commissioner Dale Van Nimwegen said, it's not recorded, but what she presented, we can resurrect it because she did it on a shared screen. So, all that data is there, but they are taking the 30 days from our call, until our next status call to do, they will have done another two or three sets of samples of a test that they hadn't complete yet. Commissioner Jack Roe agreed, all good stuff. Ok, before we get to the herbicides. I've been trying to get in touch with aids to navigation about putting a buoy on the rock. Nothing, I've call three times, and nobody is picking up. So, you, you can keep an eye out for when the aids to get navigation guys show up. I'm going to try this week or next week, as I'm traveling this week, but I am going to go through a different channel to see if I can get to somebody. Commissioner Dale Van Nimwegen said, but if it is the aids to navigation, are they part of the county Sheriff's department. Commissioner Jack Roe said, state police. I think in Carteret. Commissioner Dale Van Nimwegen said, It's too bad we don't have our Coast Guard person anymore. The auxiliary person. We have to figure out if there's somebody still around because they were great at getting to the right person and getting them to do stuff. Allison, do you remember? We should, I, may have a contact. You might have a, yeah, I'll have to look. Commissioner Jack Roe said, Dan hooked me up with someone last year that you knew through the guys that were putting in the buoys and whatever that channel was, that's sort of channel. I tried to get, get on this year, I'm getting nothing. Commissioner Dan Sullivan said, last year I got a guy, he gave me the phone number for that guy again recently, because I lost it. Secretary Allison Wagner said, I don't know if Pat, from US Coast Guard Auxiliary if

he would be helpful. I'll send you guys the contact information I have on him. Commissioner Jack Roe said just send it to me. Ok, so with the Rock, I'm going to try to push them to do it. If they don't put something out, we'll put something out and we'll just probably take what Andre did and clean it up and make sure it's, you know, make sure it stays where it's got to be.

And, we'll deal with it that way. Ok, heading into the weeds. when we did the bid, kickoff, we had pictures of the weeds that Andre had that wasn't dying in his cove. And they said, here's the weeds. They said it was curly leaf pond, weed and milfoil. The stuff they're putting down should kill that. So we just got to make sure that when they. Do they do his and do go away and deepen the coal? And I guess now talk about the bids. We got two bids, one from Aqua Clear and one from Lake Management Sciences. We'll evaluate the bids next couple of days. We'll announce the winner on Friday. when we did the bid, kickoff, we had pictures of the weeds that Andre had that wasn't dying in his cove. And they said, here's the weeds. They said it was curly leaf pond, weed and milfoil. The stuff they're putting down should kill that. So, we just got to make sure that when they. Do they do his and do go away and deepen the coal? And I guess now talk about the bids. We got two bids, one from Aqua Clear and one from Lake Management Sciences. We'll evaluate the bids next couple of days. We'll announce the winner on Friday. Commissioner Dale Van Nimwegen said, and we were talking about the mailer. And, with the exception of agreeing only one QR code, we're going to use that mailer template that I sent you guys. I'll go through and clean it up a little bit. It does the trick. And then I'm going to try like the dickens to get it out this week. It's a little dicey at the moment for me, but we'll see what we can do. Worst case, it'll go out in stages, part of which would be Monday. Okay. And I think I forgot to ask you, we should use roughly the same zip code coverage. Secretary Allison Wagner agreed, I think so. Commissioner Dale Van Nimwegen said, and I'll share that with you too. Secretary Allison Wagner said, I'll even take that mailer and put it in the paper. Yeah, sure. Yeah. If we can get it. Well, timewise, because we want to have collection by May 1st because, although I guess we could do it, we can push the, collect the contributions back a little bit since, we're talking June 6th to like 10th for treatment, weather permitting and everything. Commissioner Dale Van Nimwegen said, Oh, so can we push it into May a bit? Secretary Allison Wagner said, in order to get it in the paper, I need to get it like to them two weeks before the Friday it'll go in. Well, today's the 15th, so technically they would need it by Friday, is probably the deadline in order for us to get it in the paper. Friday May 2nd. Well, that, that may be doable. Commissioner Dale Van Nimwegen said, Okay, getting them bundled into the post office is just a labor intensive thing. But having the thing I can try to tackle that and get that done so we can at least get it in the paper, then the mailers; Secretary Allison Wagner said and we can do social media too. Commissioner Dan Sullivan said, the weeds are coming. I can see them now. Secretary Allison Wagner said, I sent you a text, the three of you with AIDS to navigation and the Passaic River Coalition, which was where Ella was involved. Passaic River Coalition. Commissioner Dale Van Nimwegen stated, yes, that was it. I also have, Andrew.t.Pecora at USCG. Secretary Allison Wagner said, I mean, it's possible. Commissioner Dale Van Nimwegen stated you know what I'll do before I send you chasing, I'll send him, we're looking for a US Coast Guard contact. I have you in my files from the commission. Are you still doing this? Commissioner Jack Roe said, Yeah. I don't think it's the Coast guard though. Isn't, but they state police. Commissioner Dale Van Nimwegen stated I agree with you. But they have in the past been. Secretary Allison Wagner said, ok, so here's another guy, "Trooper I. Anthony. He is New Jersey State Police Special Operations Selection for Marine Services Bureau. Commissioner Jack Roe said, yea, that's how got in last time. Commissioner Dale Van Nimwegen said, you know, the other thing you could do is, it's really in left field is, but Carol Hardy through her, Child, might know somebody. Yeah. Commissioner Jack Roe said, Yep, yep. Or we could just put a buoy up. Because when they put them out, we got to go back in the water, move them anyway, because in the wrong spot.

**Dan Sullivan** - No Report

**Paul Sullivan** - No Report

**Jessica Kruegel** - The lake level's currently at 10 feet, 5 inches, and the outflow is 124 cubic feet a second or 80 million gallons a day. The rains are doing us some good.

**Kelly Turturrol/Ingrid Haeckel** - I am going to be switching off with Kelly Turturro for the next six months. So, Kelly will be here until October, and I'll be coming back. Switching off six months each. Also, just to let you know to look ahead that I would assume the WQIP grants will probably be announced in early May. It's usually when they come out, so that's coming up. And that they're part of the CFA application that's due in late July. Commissioner Dale Van Nimwegen said, and they are municipal, correct? Commissioner Ingrid Hackel said, yes, they are all municipal. Commissioner Dale Van Nimwegen said, Yeah, Okay, and if you find out otherwise, could you let us all know? Commission Ingrid Hackle said yes, but that could again include stormwater management.

Eric Hastings – No Report  
George Vurno – No Report

**OLD / NEW BUSINESS**

**Correspondence:**

**NJ GRANT UPDATE PROVIDED BY COMMISSIONER VAN NIMWEGEN:**

**Water Monitoring:**

**Belchers Creek:**

**Browns Point:**

**Miscellaneous:**

**PUBLIC INPUT:** Lisa Milano – NY resident - One of the primary reasons that I came was because I was concerned about the wetlands categorization. So, I guess I'm just wondering, it sounds like obviously you guys are concerned about it also, and it sounds like there's some permits based on the invasive species, so that's that hopeful. Commissioner Jim Martin said, 17, a bridge over here, south of that, including the beach area, the main lake, rest of this arm and the west arm were all considered not wetlands until now. So now you need an additional permit and it's more restrictive. So you have to say, where are you going to treat, how many acres? You can only use a subset of, herbicides, for instance, you have to tell them where you're going to harvest or hydro lake. So, it's just a lot more red tape. And because all the lakes in New York state are going through the same thing we are. The DEC is inundated with all the permits. So, we expect that they even admitted it will be later than usual, but we're hoping it's in time for the growing season. Commissioner Dale Van Nimwegen said, so, sort of a direct answer to your question is, and you should correct me if I'm going to say the wrong thing, the fact that all these areas have been classified as wetlands changes, how you have to go about doing things is the sort of big get go. It is not that it's, um, a complete moratorium on doing any treating, but rather that you have to have what Jim just described, your homework done on specifically, not only, where you're going, being very specific, but with what products are being used. There are products that are permitted, products that are not depending on wetlands and stuff. So there is, it's not only red tape, but you got to have some scientific knowledge to be able to put the application together. Commissioner Jim Martin said, yeah, it used to be that you needed to permit to use herbicides. Yeah. But now you have a subset of those herbicides, ones that are authorized for use in wetlands. Public Guest Lisa Milano asked, so is it the same ones that were used last year with those. Commissioner Jim Martin said, may or may not be, you know, that's up to them to tell us that. But some herbicides, I forget all the names, but there are some that indiscriminately kill everything. They're not going to let you use those type of herb herbicides in a wetland. You have to have species specific targets that work, Like chestnuts. Public Guest Lisa Milano asked, like if those were in existence and effective, would we already have been using those? Yeah, we do. We do. So we were using some of those, but now, now we have less tools in the toolbox to use. Commissioner Dale Van Nimwegen said and plus in a lot of places or just around the lake, there's more than one species to go after. There's multiple and also, time of year dependent and things of that sort. But like I said, it's not that you cannot treat in those areas, it's just that there's a lot more, planning and, justification that has to happen, in order to do that. And there are people who know how to do it. Like Jim has been working with a company called Tigris. Commissioner Jim Martin said, the most difficult part of all. This is not. You know, the herbicides that you're allowed to use, it's not, it's not the acreage that they'll let you use. The biggest problem is you have to tell them where specifically you're going to use it. And the biggest invasive we have is water chestnut that can grow 10 times tenfold every year. So this year there's going to be places where it wasn't last year. We have to go by last year's photographs in our permit. So that's the hard part of this law doesn't seem to go with chestnuts, which would be hard to treat even if there were no rules. Commissioner Dale Van Nimwegen asked, does that help at all? Public Guest Lisa Milano replied, yeah, it's comforting in a lot of ways because I had concerns that we wouldn't really be able to do too much besides trying to get us out from underneath that wetland classification for like the, the major parts of the lake, like the deeper sections of the lake. Commissioner Dale Van Nimwegen said, at the moment, that looks like a non-starter in terms of probably not worth our effort at this juncture, because there's enough ability to operate within the rules we think. To get stuff done. And that's where I think our head is at this point. We haven't really discussed trying to, you know, make an appeal to reverse the ruling because it's actually a New York state law that's been applied, as Jim said, universally. Commissioner Jim Martin said, well, we are asking people to support a bill before the Senate bill S-3656. We're not the only lake, its all over the place. Well, we want to stress upon the Senate that, you know, when this law, you know, freshwater wetlands, it sounds like a good thing, but they didn't think of every angle and they didn't think of certain types of invasive species that these laws don't allow you to give you enough tools to fight. So this bill

wants to exempt any freshwater lake that is 150 acres or more, not counting the Great Lakes in New York state. And we're just hoping to get people to support that Bill.

Public Guest Nancy Clifford mentioned we are planning an environmental awareness event. Come September and we're hoping, that you're not going to help us run it, but you'll be there the day we have it table. And I just wanted to see you guys see what you're up to and hear what you had to say. And I feel bad I haven't been here before. Commissioner Dale Van Nimwegen said, well, thank you.

Secretary Allison Wagner said, Michelle Shanker, from our online guest, actually just emailed. I don't know if she was having a hard time unmuting. She just was questioning when the minutes were going to be like posted on the website or whatever. And I said, they have to be approved, and we didn't have a quorum tonight to vote and approved. So, once they are then, and that's what I emailed her back and said. Commissioner Jack Roe added, so the environmental commission asked that, why does it take so long to get the minutes up? Because we have to vote on it. Michelle Shanker then asked, are you able to post the recordings that you make? I mean, you're recording meetings. Why can't you post them? Commissioner Dale Van Nimwegen said, at this juncture, they're being used for the preparation of the minutes, not for a public posting. And quite frankly, if you've ever listened to the recording of a meeting, you have to have knowledge of that meeting. To understand what's being said on the recording. To be perfectly honest, it's not very clear. It's hard to discern who's speaking from it unless you were in the meeting and know where the conversations were. And Alison can give you chapter in verse on this, but, publishing that is also not useful. Michelle Shanker said The village is able to publish, to post its public meetings. Commissioner Dale Van Nimwegen said, well, at this juncture, we have no plans to publish. Commissioner Jack Roe said, they probably record better too. Commissioner Jim Martin said, they actually hire a camera person to come in and my daughter used to do it for the village. Secretary Allison Wagner added, this all came about because of Covid, and so this was just a courtesy that the commission extended to the public so they could still be safely involved.

**ADJOURNMENT:** There being no further business to come before the Commissioners, the Meeting is called to adjourn by Commissioner Floyd DeAngelo and Seconded by Dale Van Nimwegen, all voiced in favor.

**IMPORTANT DATES:** Next meeting is May 20, 2025 @ The West Milford Library in West Milford, NJ @ 7pm

**MOTION & RESOLUTION**

- 1) No quorum to vote.

NAME	YES	NO	ABSTAINED
Floyd DeAngelo NY-Chair			
Paul Sullivan			
Dale Van Nimwegen			
George Vurno			
Eric Hastings			
Jessica Kruegel			
Kelly Turturro/Ingrid Hackle			
Dan Sullivan			
Jim Martin			
Jack Roe			

Name	Attendance 2025	Reports Given 2025	Name	Attendance 2025	Reports Given 2025
George Vurno	0/12	0	Eric Hastings	2/12	1
Dale Van Nimwegen	4/12	4	Floyd DeAngelo	4/12	2
Paul Sullivan	1/12	1	Laura Franek/Jessica Kruegel	4/12	4
Dan Sullivan	4/12	4	Kelly Turturro/Ingrid Hackel	4/12	4
Jack Roe	4/12	4	Jim Martin	4/12	4

## GREENWOOD LAKE COMMISSION

### MAY 20, 2025 MEETING MINUTES

Hosted at The West Milford Library and Teleconference via Zoom

**COMMISSIONERS ATTENDANCE:** Floyd DeAngelo, Jack Roe, Dale Van Nimwegen, Kelly Turturro, Jessica Kruegel, Dan Sullivan, Eric Hastings, George Vurno. Absent: Jim Martin, Paul Sullivan.

**APPROVAL OF MINUTES:** Commissioner Dale Van Nimwegen motioned that we move to approve the March & April 2025 minutes as distributed. Commissioner Floyd DeAngelo seconded; Approved.

**ACKNOWLEDGEMENT OF GUEST:** Andre Borie.

**TREASURY REPORT:** Okay. I call your attention to the format again, because the column label, New Jersey Commission Business. And then on the second column from the right, New York Commission business, that is our general operating fund/stuff. The new NJ grants, that is our grant that is currently active. I will talk about that in a second. And what I've done, because it's managed in the New Jersey Bank account, the commission business plus the grant equals what's called total New Jersey business. So, it's the same as it has been all along. So, new this go around is we have received and deposited \$30,000 funds from Passaic County. Thank you to Paul Sullivan for all his efforts to make that happen. The most significant expense that occurred was I paid for a liability insurance, which amounted to a total of \$1,202.50. And the other thing that is different, if you look at the New Jersey Commission business on the left and the second from the right, you'll see that there is in the New Jersey Commission business on the Lake and watershed project line, a negative expense that reflects the fact that we've been receiving individual donations for herbicides application in the New Jersey waters of the lake. So that shows up as a negative expense and that will turn to basically zero once we actually receive the bills and pay for the work that is being done. The grant, there have been no financial transactions associated with the grant. So, there are all zeros thus far this year. And the that brings us to a total of a positive \$30,000 for the New Jersey Commission business because we got that \$30,000 amount and, and the \$5,000 in donations. The New York Commission business for the period is a negative \$3,500. If I back those two items out for New Jersey, New York and New Jersey would both have negative \$3600.00 roughly. So, they, they look the same. Cash in the bank, there's, with the 30,000 from Passaic County, there's \$77,539.94 in the Provident account, also known as the Lakeland account, and there's \$16,700 in the Webster Bank account, bringing the total cash in the bank for the commission to a total of \$94,240. At the moment, that is up by 30,000 obviously, because we just got the \$30,000 in from Passaic County. Anticipated transactions on our general operating fund coming up right now is about \$260. However, you'll see on item on the grant, New Jersey grant anticipated is a negative \$43,000. If you look up the little box underneath, what that reflects is the following. We have received approval of our request for \$350,000, I actually have that in hand, just the approval. And the request is formally sitting with DEP for them to send us a check for \$350,000. That \$350,000 will go to cover roughly \$393,088. About \$394,000 round numbers of expense that we have spent thus far on the on the grant. So that will leave us with the negative \$43,000. I will go why it's negative in a second. And then we've already out of the New Jersey funds, outlaid \$101,000 and change in payments through the end of 2024. That will be I, as soon as I get the advance of funds, I will be submitting the reimbursement and we'll get \$101.28 back from them. The reason the number is negative there is it goes like this. Once we received the \$350,000 advance, once I have actually given them canceled checks and documentation to support the fact that we've spent 90% of that money then I can make a request for additional advanced funds. The next advanced fund amount would be \$250,000. I expect to do that in the probably in the midsummer timeframe. In the meantime, as we are getting additional funds back from reimbursements, some of what we are spending will go to cover it. So, we won't be in this catch-up situation on the grant any longer. I know that is kind of convoluted, but commissioners in particular, does anybody have any questions about that with respect to the grant? We are on our path to be in good shape there. Okay. Any other questions on the financials? It's pretty straightforward. **COMMISSIONERS REPORT:**

**Dale Van Nimwegen** – I sent out to you guys a printout of entry in a blog that was posted on New Jersey fishing.com. This particular individual who authored this blog was present at a meeting that had nothing to do with the lake, per se. It was a meeting of the DEP Parks Commission, I believe, at which time this gentleman or someone related to this description here, reported on what turned out to be the project for Brown's Point. And so, before I go with what's in this blog, Jessica, do you have any updates on that? Commissioner Jessica Kruegel stated, no, I haven't heard of anything. Commissioner Dale Van

Nimwegen said, ok, I just got this today. Otherwise, you and I would've been chatting on the phone a little bit about it. So, what this thing says, guys, is and I, I really encourage all to read it. I highlighted what's going on according to this blog, and this is where Jess, I'd really like to validate that this is in fact, correct. Commissioner Jessica Kruegel agreed. Commissioner Dale Van Nimwegen continued, Okay, because this is just somebody's blog right now, that there's been an RFP or they're preparing an RFP for design and construction. A Browns point boat ramp launch and dock facility, they are transient docks. It's reported that funding has been secured. Surprised me. It's reported here that the construction will likely begin in the summer of 2026. And you and I, Jack, were talking about if that is going on, what's going to be happening there and will it affect anything we are trying to do with the grant money that we have. There are open questions apparently, according to the person having to do with long-term site management, which makes sense. It is under the tutelage of the parks, fish and Wildlife Department of the DEP. However, you know, maintaining these affiliate facilities is not a trivial matter. There is stuff written here for anybody who sees this block that is about public access. It has incorrect things stated. It says Private marinas on Greenwood Lake no longer allow day use. If I'm not mistaken, it continues to be as it has been that day use is permitted. There are just fees that are charged because of the limited availability of parking and things of that sort. Secondly, there is always the option for somebody who repeatedly comes up to the lake to rent a slip and dock a boat like a whole bunch of other people do in support of our marinas. They it's stating that public access is essential to serve local recreational users, which, yes, this particular blog, as I mentioned, was the njfishing.com. This particular project has been very much lobbied for by folks who are part of the fishing community in northern Jersey, and I think also in New York State, where they make use of public access to water bodies. And that is kind of it for the public access context but make no mistake private marinas there may be a couple who said, we won't do day trippers. But as if I'm not mistaken, as long as there is space available and people will pay the fees, you can, you know, drop it in for the day and go on about your business. The last thing is the land use regulation program update apparently, and this. Covers you, Jess. Apparently, it's been stated that land use is developing a ramp and parking design with permitting requirements for the Highlands region. I do not know what that means. So apparently somewhere in land use, somebody must be working on the engineering for what I would call the permanent structures in Browns point. And this blog maintains that the proposed design includes 19 trailer parking spots, which are longer and wider than a car and 17 standard parking spots. It's my understanding from someone I spoke with that the trailer parking spots are meant for drop your trailer and park your car elsewhere. But I do not know if that is true or not. It says the design has been incorporated into a scope of work. I do not believe that is true. I believe that there is discussion that the proposed services and capabilities are being asked to be put in the scope of work. And the scope of work is with treasury. I'm assuming that is the DEP's treasury. For finalization and then release to bidding. So, there's other things here stating that the best-case scenario is for completion in one year after startup, the project costs, and they maintain that funding has been secured for a million dollar for this project. And there is, some state. There are some statements here if you go to the second page that I want to make sure in case anybody else sees this online, that funding for lake management was advanced to provide \$10 million for lake management activities. I haven't seen that. I have not seen that confirmed. The Senate bill 3618 is one you and I are aware of. But it is not as far as we know. It has not been advanced. This would be the second round of grants the state would be giving out to major bodies of water in in New Jersey. And it also states that therefore lake management, water quality improvements and recreational access. Have no idea. The stipulations on the grant that we have and active now is targeted at water quality improvements, not at recreational activities. And this document state that Greenwood Lake and Lake Hopatcong are guaranteed a minimum grant award of \$750,000. And Jack, I'm looking at Jack, Jack and I are the two of us who have been in the conversations about this matter. We are not aware of any such thing. There are no guarantees in any of the funding discussions we have had. The second thing is the Greenwood like fund is another bill proposing to fund \$500 - a half a million dollars annually from vessel registration fees. To support the Greenwood Lake Commission mission if, if you will, preservation, maintenance and environmental protection. I am not aware of any active bill in the Senate for a half a million dollars for this matter. And then on-going conservation efforts. It states that the commission is actively working on weed harvesting, invasive species control, dredging studies, and storm water management to maintain the lake health. That statement such as it is, is roughly accurate. I probably would've added some different adjectives in there to make it precisely accurate, but that statement alone is, we have a lot underway for the lake in the New Jersey end as we are also working on for the New York end. I'm taking this time to go through this because the devil is in the details on this stuff, and I am speaking for my colleagues here when it comes to including my esteemed DEP / DEC colleagues when it comes to funding through. And these funds more

often than not, ultimately come from the EPA, a federal source of funds that get sent to the states. It isn't quite this simple and so the, the devil is in the details. So, if you hear anything about this we will always seek to, if funding were secured, we would post it on our website and make sure everybody was made aware because it's something to be celebrated. But as it stands now, this makes it sound like the Browns Point project is beta complete. Not that we've heard. It may be, it may ultimately be, we just do not know. So be a little jaded when you read stuff, not just this item, but others. Public Commentor #1: Sorry, I am relatively new to this. Really great job that you're doing. Commissioner Dale Van Nimwegen said, thanks very much. Public Commentor #1: So, is there any way to find, you know, if that information is correct? So that the devil in detail, but you want to make sure that the source is accurate, because otherwise we'll be wasting. Commissioner Dale Van Nimwegen said Absolutely. We hundred percent agree. And the reason I pointing to Jess, she is the New Jersey, DEP representative on the commission. So, we need to work together, as I said, I got this this afternoon and send it out to everybody. But since this is a public meeting, it's great because you all are here. Just, you know, like I said, look at it with you know, eyebrow raise until you hear indeed this is true and these things are going forward. Clearly working a project for Brown's Point has been in discussion for I think three years actually. Commissioner Jessica Kruegel said, it's been a while. Commissioner Dale Van Nimwegen said Yeah, because Eric was still here when it started. It's the very south end of the lake. Do you know where Belcher Creek is? Public Commentor #1 said, Okay. Commissioner Dale Van Nimwegen said Okay. If you are going into the creek from the lake, it's the piece of property on the left side that is wooded and looks like there's a park there. - There is. Secretary Allison Wagner said, So Dale, just to add, I do not know if these bills have been reintroduced or not. Commissioner Dale Van Nimwegen said, right, all that has to be validated. So, I'm worried because this is floating around, there's a lot of people I know who have seen this. So, just be aware. Commissioner Jack Roe said, all public lakes in New Jersey are part of this group and we are all working to try to get money like this. And we talk to these people every couple weeks. Nobody's talking about getting \$10 million. We would be high in the conversation. Commissioner Dale Van Nimwegen said, trust us, would be dancing about this but this, never came up. So, we'll, do the homework. Before I finish, does anybody have any questions about that? Commissioner Jessica Kruegel said, I just want to clarify on that too, you do not know who wrote that blog. Commissioner Dale Van Nimwegen said I can give you that information that is listed as his/her tag name, but I do not know who the person is. I can find out probably more info for you. I just took the blog and felt no compulsion to publish his name publicly. Commissioner Jessica Kruegel said, Okay, and then where I left off last time at the last meeting, I just want to clarify is that our Office of Resource Development left off with the proposals we are due on April 10th, so they're reviewing them right now. So that is as far as I know that we are with this. Commissioner Eric Hastings said, if you have any input, would you ask them in their plans? I've been. Preaching for a couple years about this because this states back to the days of Pat Rector. I do not know if anybody, Floyd might have been here when Pat Rector was here. George and I certainly were, but Pat Rector was three DEP reps before you. And Fish and Game made it clear at that time that they were going to put a launch ramp at rounds point. This has been a dozen years in the making. And I've been preaching since that time that we need to have input. It's going to be done with or without us. We need to have input and possibly get a permanent home there. Commissioner Dale Van Nimwegen said, well separating the permanent home for a second, the commission did, and I do not have a copy of it with me, unfortunately, we did back three years ago or whenever this first got really initiated. We worked together as commission to not say, we are for or against the project, but rather to say this type of activity on this lake in that place, we have these concerns. And there were a whole bunch of concerns having to do with usability as Wake Lake levels vary during the season. It's one thing to launch there when you have the average pool in place, but it's quite another to look at it during the average low pool. You know, the amount of water there is much more limited and all kinds of things like that. I won't go into it, but concerns about traffic blocking, access to Browns Point, all that kind of stuff. At that time, I do not believe, Eric, we put anything in there about an office, if you will, or some sort of a landing in place for the commission. I do not think that went in that letter. I mean, you were around when we did the fall back then. Commissioner Eric Hastings said I remember specifically all the areas of concern we had and at that time, and they did, I stated very clearly, this is going to happen with or without us, they're, the concerns that we put out are no concern to fish and game. They're going to have a launch ramp. And if we do not put our two cents in for what we'd like, how we'd like to see that directly, we are not going to have any say. Commissioner Dale Van Nimwegen said Okay. And I would tell you that the initial discussion, I happen to know this from another conversation, not from Jess, but somebody within the DEP, that our letter and other similar letters, did make one impact, which is there was no plan for transient stock so that you could drop your boat, park it in a slip, get rid of your trailer, and come back. You



know, just that little fix. They did make an adjustment to incorporate that kind of, you know, how the land that the ramps would actually be used. But beyond that, I do not know, I just happened to know that one for weird reasons that I was in the conversation a while ago. So, and it had an impact of some sort, but not necessarily, look, the commission didn't write that letter to, like I said, it was not a do not do the ramp, we are against it. It was for that to be successful, these things be addressed and you, like I said, you were part of it, and you know, George, you were here too at that time. You probably remember it. And Floyd, you were here when we did that. Public Commentor asked, so, about this project, I'm sorry to ask this questions, but for this project, is it a private project or it's part of the challenge? Commissioner Dale Van Nimwegen said, its state, it's state park land. Public Commentor # 1 asked and why would they do that? Commissioner Dale Van Nimwegen said, because its the state lands and there's constantly proposals to make those lands available for, you know, this purpose or that purpose. Some make it and some projects just never go forward.

**Floyd DeAngelo – No Report**

**Jim Martin – No Report**

**Jack Roe -** One is funding for New Jersey. We've been working with the Mayor, they've got grant writers on contract. So, we are working with grant writers through the town, and we are trying to get funding for a couple of projects. You may or may not know, we have a large, we got a large grant three years ago. And we are focusing all the attention from that grant on Belcher's Creek. We did hydro raking, we are doing bathoscopic surveys. We are doing water sampling, core drilling, all these things to get us to the point we can get permits to dredge. The reason we want to dredge a Belchers creek, make it navigable, makes it nice. But it also has a lot of the nutrients that flow in the south end coming through the creek, and they're living in the dirt on the bottom, so we can get that out. That isless nutrients going into the lake. That isthe idea. We set this thing up with the town. We were hoping, this is brand new as of two days ago, that we could get some, put some of this grant funding that we are working on towards the budget. It turns out we can't because we, we have to be further along with our project in order to ask for the funds. So now we are, we are kind of diverting our efforts into some other projects that Dale, you were able to describe to me before. You want to describe it? Commissioner Dale Van Nimwegen said sure. What the activity is underway, the million dollars grant as, as Jack mentioned, will leave us with shovel ready permits. So that means that activity includes engineering as well as sampling and all that. It's just not ready yet. We are in probably the first, 25% of that project, so we can't turn that around. We looked at what else could we apply for under this grant, which is what's called a 319 grant, it's federal money that they send to the states specifically for water quality watershed improvement. It's also sent for, you can do community outreach and, you know, training people and teaching them about things that save the environment. And you can do things like build community beneficial facilities of some sort, which could mean you know, putting in catch basins in some areas, or it could mean some way of using a body of water. What we are doing is reaching into work that has already been done for a Greenman lake associated with managing the phosphorus levels in the lake. The phosphorus is intimately, although not exclusively tied to and causes HABs. There are other factors that that cause that, and so we are looking at putting together a project, an application to get additional monies beyond the million-dollar grant to go work on once we get the muck out of there. To prevent them up from reforming with the phosphates and the nutrients. So, there are, they are stopping the influx kinds of projects as opposed to right now the grant is more get the stuff out so it's not beating into the lake, but we got to hit the sources of some of these things and that isat we are working on now. Won't be a million bucks because grants aren't that big, but we are going for money wherever we can find it. Commissioner Jack Roe added, well, this is a new thing for us. That isa really important thing. We didn't have this, we didn't have anybody who could write grants. We have a good first place, have a good writer was writing grants. Commissioner Dale Van Nimwegen said, I did it for the last go around and it's a lot. It's way hard. Commissioner Jack Roe said, so we've got a contractor who does this, gets paid to go to work every day. What they're helping us do is find grants and the write applications for grants, which is brand new to the Commission, you know, past month or so. This has been a new thing we are starting, being able to take advantage of it. It's a pretty big deal. Commissioner Dale Van Nimwegen said, and so the grant of the, there's kind of two pieces to putting together an application for the grant. There's what I will call the science of it all. What do you wanna do? Why, and what would the result be in a quantifiable way, in a way that DEP in this case, or DEC if we were doing this in New York, recognizes the measurement you're starting with how you're going to keep

track of whether you did or do not, were you're successful with what you're going to do and, you know, why have you chosen this particular technique and all that kind of stuff. And then there's, putting that into the body of the grant is a whole nother process, which is where the grant writings really come in. So, we are using consultants to help us with the science of it all because none of us are scientists I do not think. Well, Jess, you probably are, and Kelly May be, you may be scientists, but we are not. And so, it's pretty exciting for us to be going for this additional money. And some of the grants could be as large as it's up to half a million dollars. Commissioner Jack Roe said, yeah, they're up to half a million dollars. I do not know that we'll get that much, but we've got an effort going. The other thing that came up earlier is the watershed implementation plan in New York. We've got one in New Jersey. And so, the projects, Dale and I now we find we can't do them from dredging lines. We are looking into the watershed implementation plan with what projects do we have kind of teed up that we can ask for funding for. So that is the work going on today. Commissioner Dale Van Nimwegen said, so yeah. And there's tools that are now recognized that will collect phosphorus in a non-invasive way, but allows you to capture phosphorus and get it out of the lake. That is huge because that is a, yeah. Because it's a big contributor towards making things grow that we do not want growing in the lake. So, that is what's going on. Commissioner Jack Roe said, so that is a new thing. And it's going to be helpful. The only other thing I have in my report is we are making a change how we publish the minutes. We always publish our minutes after they were voted on at the meeting. Going forward, we are going to publish draft minutes within two weeks of the meeting. So they'll be up on the website, they'll have a draft water mark on, and then once we vote on, then they'll, it'll just take the and replace with the actual. So, it's available soon. It'll be available sooner, but it won't be approved yet. Public commentor said, so how do we know if its New York or New Jersey, So, this is same group. So, for example, if we apply in New York State with York State jobs as well. Commissioner Dale Van Nimwegen said some folks work on one state or the other. I, because I wasn't appointed by any particular state, my role, I kind of stand with one foot in each state and vacillate back and forth depending on where I can help or add value. So I'm the only one who's really working across, but these two guys as the co-chairs from the two states. They're communicating all the time because in the end, you know, it's a big blender that water out there and it's mixing up all the time, and we have to keep track. Public Commentor said -inaudible - information through private nonprofit organizations is helpful or not process. That is something that would be helpful. Commissioner Jack Roe certainly sharing information is helpful. I do not have any ideas off the top of my head. Just the idea of sharing information is helpful. Public Commentors chatter: I think there's a meeting tomorrow. It's in the village. What? In the village or what? There's a meeting tomorrow. Oh, just for the village you mean? The court in the court. Commissioner Jack Roe said, well, I think we've covered everything. We've covered all the reports. Commissioner Eric Hastings said, well, there is one thing you asked me directly. What you can do for those of you who live on the Jersey side, if you live near a storm drain, comes in from the road, storm drain comes through your property and dumps into the lake. You can call the Passaic County Department of Public works and ask them to come up and clean the sediment. They do not need a permit to do it, but they can come up with equipment and do it. Ask them to do it. The town will do the storm drains, but needs a permit to go into the lake. The county does not, the county can come up and clean out what's, what's come through Their storm drains into the lake and they can remove that. New York, New York is a different animal. New York is a different animal, but the woman is online. You could ask her, I can't speak to you about New York. Public Commentor asked, - inaudible - Permits required for such a thing in a small area, you know, the cove volume. Commissioner Eric Hastings said, I do not know if you need a permit. And in the past, no. But things have changed. I do not know. 2025. The back of my head for months, like there's got to be some sort, there's got to be something like that. Commissioner Dale Van Nimwegen said, I mean, honestly, you can, if you have something specific the best thing to do is to send a question into [info@gwc.com](mailto:info@gwc.com) and it'll fly to one of us who can then figure out how to answer the question. However, if you ask, is there any mat on the face of the earth that I doesn't require a permit, that is going to be tough for us to answer. But if you have some specific questions, you know, because you know, we are all volunteers here. This isn't a full-time job. We do our best to try to answer specific questions like that, that would bene potentially benefit the lake. Commissioner Eric Hastings said, if its where you live, Jessica would be the person to talk to, and I'm sure she could find out for you because you have a dilemma. She would be the person to talk to and the mat would work right where you are cleaning the bottom up, I imagine. Commissioner Jack Roe said, Kelly did you have something to add to this. Commissioner Kelly Turturro said, thank you. Eric clarified. I thought they were talking about New York. I was going to make the same offer that if there are specific questions about DEC permitting requirements on specific properties in New York the community is welcome to call me and I will make sure that we get the answers. I can share my number now or we can put a telephone number up on the

Greenwood like website, whatever's easiest. Commissioner Dale Van Nimwegen said, but you can always, if you send it to [info@gwlc.org](mailto:info@gwlc.org) This lady sees all of them. If you say this is a question for Dale or Floyd she will see to it that we get them. Yeah. Or anything that isn't clear. Several, yeah. Several of us look at it and say, try to figure out who's best to work on. Okay. I think we've done everything when came to do, motion to adjourn? Secretary Allison Wagner said, not just yet, there is a gentleman on line who wishes to speak.

**Dan Sullivan** - They were spraying for the weeds today went out this morning, probably just after eight o'clock and I there at seven. He was out there spraying, came couple times to reload ahead.

**Paul Sullivan** – No Report

**Jessica Kruegel** - The current lake level is 92.3 cubic feet a second for outflow, which is 59.5 million gallons a day. And the lake level is currently 10.36 feet. So, it's full pool. Lots of rain.

**Kelly Turturro/Ingrid Haeckel** –

**Eric Hastings** – I've asked lot people representing about 25% of the communities on Greenwood Lake who come here. I am so glad that Kelly Turturro from the DC is also here, but she is virtually here that, I'm not going to have any report, but the people I've asked to come here tonight have very specific questions about legislation that is been passed on the New York end of the lake, how the weeds, what accommodations the DEC is making for the weeds, the harvesting, why we can't run the harvester yet why the legislation was changed last minute and what accommodations are being made. People have their own questions. It might be portion for the essence of time, let people ask Kelly questions directly during the report. Commissioner Jack Roe asked, Kelly, do you mind, do you have a report ahead of this stuff or we'll just save it for the public. Commissioner Kelly Turturro said I do have a report, but it seems relevant to what Eric mentioned. I'm not entirely sure what the concerns are. Eric, you mentioned legislation. I will of course do my best to answer questions, but would be happy to bring experts on that topic if I can't answer questions at another meeting or set up a separate meeting with those members of the community that are here that are interested in this. But again, I'm not entirely clear what legislation Eric is referring to, and it would help me a lot to understand what he's talking about. Commissioner Jack Roe asked, Eric, do you have anything specific that you could ask Kelly on behalf of the guest today. Commissioner Eric Hastings said, well herbicide treatment permit where the paperwork was put in and then kicked back and it had to be resubmitted last minute. People are looking to get out. People can't get outta their docks on the New York, end of the lake. Commissioner Dale Van Nimwegen asked, so, Eric, is that the paperwork, in which the herbicide was a very broad run application, or the more recent done, I'm going to say in the last 60 days, that was kicked back. Commissioner Eric Hastings said, it's been refined. The gentleman resubmitted the paperwork, but a lot of time is elapsing. And then there was also a problem with getting the weed harvesters in. Commissioner Kelly Turturro said, the DEC received an application. That application did not have all the information that we needed in order to process the application. We worked very closely with the village of Greenwood Lake as well as their consultants and received all of the information that we needed by April 30th, on May 2nd, DEC turned around what we call a notice of complete application for publishing in a local newspaper. And the environmental notice bulletin, that kicks off a 30-day public comment period, which is required by DEC regulations. So, we are well on our way to getting all the public comments and DEC being able to make a decision on the freshwater wetlands permit so that the Village of Greenwood Lake can go ahead and apply the aquatic pesticides to the lake. I've been in regular communication with the Mayor. Commissioner Dale Van Nimwegen said and Jim's working with you as well, Kelly, is he not, Jim Martin, who's another commissioner. Commissioner Kelly Turturro said, initially, yes. Commissioner Jack Roe asked, Kelly, do you have any sense of timing on that? Because I think that is what all these people are interested here, or you'd have to do more homework to know more about that. Commissioner Kelly Turturro stated that the public comment period ends at the beginning of June, and then DEC will be able to make a decision on the permit application at that point in time, after we receive and review all the public comments. Commissioner Jack Roe said, so is that a, that a day, a week, month after that or what is the timeframe? Commissioner Kelly Turturro said, we understand the importance of this matter to the community. We understand that the aquatic pesticides need to be applied as soon as possible so that the community can get on the lake for the summertime. So, we will be working to prioritize our work on this application. Commissioner Dale Van Nimwegen asked, is the timeframe somewhat dependent on the kind and, and number of comments you get as well, Kelly?

Commissioner Kelly Turturro said, yes, that is correct. Commissioner Eric Hastings asked, will this allow for a hundred percent of treatment on the, on the extreme North arm because we are in an emergency situation with the water chestnut? Commissioner Kelly Turturro said, so you'll be able to treat the treatment area that was identified in the permit application. It appears to me, I'm looking at a map right now, and it appears to be to me that the north arm is completely included.

Commissioner Eric Hastings asked, 100% of the north arm is included. Commissioner Kelly Turturro said Eric, I do not entirely know what you're referring to as the north arm bridges. Commissioner Eric Hastings said between the two bridges and north of the 17A bridge, that is the furthest North Arm. Commissioner Kelly Turturro said, I'd rather share a map with you so you can see what was applied for. That's, that is not something that DEC dictates. It's something that the applicant, the village would apply for. They send us a map. They tell us what and where they want to treat. Commissioner Dale Van Nimwegen said I know they are heads down working on trying to get that well defined. I know the Mayor's been personally involved in it. Do you have that to share now, Kelly, or would it be best posted on the commission website tomorrow?

Commissioner Kelly Turturro said, I could certainly send to over to Allison. Public Commentor ~ Barbara Aarons said, we are now at a point, I live on the lake in the arm and we are at a point that every day I'm hearing boat motors in trouble. We do not have 30 days to publish and announced before we get acceptance. This is an emergency. We can't stop the weeds. I've been here almost all my life and it is terrible. What, what is being done to speed it up? Because 30 days, all these permits are wonderful, but you can't stop the weeds and you are going to not only hurt tourism, but you we are not going to be able to come back out of this in the proper way. What's being done to speed it up? Commissioner Dale Van Nimwegen asked, Kelly is there a revision for an emergency treatment, or no? I know in some cases there is none. But, in this case, is there a request the village could make for an emergency application? I mean, applying this stuff. Commissioner Kelly Turturro said, no. Commissioner Eric Hastings asked, is there possibly an exemption to the reclassification of the wetlands? Yes. That is happened over the past year or so? Commissioner Kelly Turturro said No, these areas are wetlands, and they require a freshwater wetlands permit. Commissioner Eric Hastings asked can you explain how the wetlands were reclassified? Commissioner Kelly Turturro said yes, I can do my best, Eric, but as I said that that is a very technical conversation and I'd be happy to bring our freshwater team back. Commissioner Eric Hastings said, everybody took a lot of time here, like all the volunteers too. Commissioner Kelly Turturro said, I understand. If I had known in advance, I certainly would've been prepared to answer any and all questions, but nobody told me that people were interested in this topic. Commissioner Eric Hastings said, this is a topic she should know off the top of her head. She's the primary member of the DEC. She's not a rookie. If she doesn't know, how are the people going to know. Commissioner Dale Van Nimwegen stated, I object to personal criticism. Commissioner Eric Hastings said, this is not criticism. She's the primary member of the DEC and she should know, how are the people supposed to know. Commissioner Jack Roe said if you are going to ask me something like that, I'm an expert, and I would still prepare a position. Commissioner Floyd DeAngelo said, ok, lets stay on course. Commissioner Kelly Turturro said, excuse me, Eric, ask me your questions. I will do my best to answer them. If I can't, I will lean on my technical experts. That is why DEC has engineers, geologists, and biologists in our office. What is your first question? Commissioner Eric Hastings said, there is a rumor that the north end of Greenwood Lake has been reclassified as wetlands. And we have a room full of people that are very upset about that. Could you please clarify the new wetlands rules? Commissioner Kelly Turturro said so the new wetlands law that was passed in 2021 resulting in the new wetlands, DEC regulations that were implemented on January 1st, 2025, essentially do away with freshwater wetlands maps. That was the way in which DEC would determine whether or not we had permit jurisdiction over freshwater wetlands, which meant we used maps that were created in 1975 and not often updated. So, the new law, passed by the New York State legislature, did away with the maps. Now, DEC looks at areas from a GIS level, or we would look on the ground at the wetlands, or we would use a consultant's recommendation about wetlands on a site, and determine whether or not those wetlands exceed 12.4 acres and DEC would have jurisdiction over that wetlands. So essentially what the law did was did away with the maps. We now look on the ground to determine if wetlands on the ground are more than 12.4 acres, and that is how we determine whether or not we have jurisdiction. Public Commentor asked Why? Commissioner Eric Hastings said, essentially the whole north end of the Greenwood Lake from the Chapel Island Inn is reclassifying wetlands. Commissioner Dale Van Nimwegen asked, Kelly, did you hear the question? Commissioner Kelly Turturro said, No, I did not. Commissioner Dale Van Nimwegen said, Okay. So first, first question was someone asked why were the wetlands reclassified? Commissioner Kelly Turturro said Well, the legislature adopted this new law requiring DEC to implement regulations consistent with the new law. That is the why we DEC was told to do this by the New York State legislature. Public

Commentor asked again yea why? Commissioner Dan Sullivan said, they were using maps that were 50 years old. Commissioner Dale Van Nimwegen added, again, the legislation was passed in 2021. Commissioner Eric Hastings asked, Kelly, a gentleman here has a question. If you could clarify how the acreage is going to be determined. Commissioner Dale Van Nimwegen said by section or by you know, entirely the entire lake. How's, how's that determined? Commissioner Kelly Turturro said, so DEC has jurisdiction of wetlands that are more than 12.4 acres and those wetlands need to be connected. So if there are breaks in wetlands, we do not consider them to be a full 12.4 acres, but if it, it is a connected wetland of 12.4 acres or more than we have jurisdiction over it. Public Commentor Barbara Aarons, asked, may I ask the benefit of declaring our arm wetlands? What is the benefit? What will they do for us? Commissioner Dale Van Nimwegen said, that is a question that we should have asked of the legislatures of the people making the laws back in 2021. Commissioner Kelly Turturro asked, can you repeat the question? The question was why did they decide that? And I said that is a question for the people who decided to enact the legislation in 2021. Not, for us. We are living with, working within the law. Public Commentor said, Can I interrupt? Sorry I didn't get to introduce myself in the beginning. I'm Liz from Senator Skoufis's office. I can definitely look up the, the bill from 2021 to figure out the justification of what the legislation put forth when, when approving the bill. So, I could try to work on that right now for you. Commissioner Dale Van Nimwegen said, Yeah, that would be great. And we can also post that on the website as well, along with the map. Commissioner Eric Hastings asked, Liz, are you still on? Liz answered, yes. Commissioner Eric Hastings asked, would you be able to include any possible resources that might be available to everybody that has homes on what is essentially now classified as wetlands? And what rights these people are going to have to either treat the weeds. Keep the channels open, how we are going fight the water chestnut, which threaten like what happened on Lake Hopatcong. The water chestnut will close off the entire north arm of Greenwood Lake if we do not address this issue, it is on an emergency level. They're here now. They're just coming up to the surface from that section where it all wetlands now. Public Commentor said the weeds are there now affecting us. Right now. It's coming down our way and I find that there's chestnuts on the dock. Commissioner Kelly Turturro said, so, can I just add something else. So, the basis, and I do not want to speak for the legislature, but the basis of protecting wetlands is for a variety of environmental functions, maintaining biodiversity, mitigating flooding, protecting water quality. Those are all things that wetlands help, and it helps those issues when we preserve them. I want to make sure that the audience understands is that. Simply because the lake may now be a wetland, does not mean you can't treat it or address the water chestnut. We will continue to work with the village, to work with private property owners to work through the permit process. So, all it really means is now you need a permit from DEC, and we will work with you through that permit process to get to a project that helps you maintain your lake. Public commentor asked, are you up to a late start this year? Public Commentor agreed, and that is my question. I'm relatively new to living on the lake, so I do not have the history that, so I'm not trying to plead ignorance here, but is there a history of treating the lake annually with herbicides? Yes. Okay. Since there is this history, why do not we start the process earlier? So Let's start the process earlier so when the weeds boom, we are ready. Commissioner Jack Roe said, so, Jim Martin, is the guy really working on this with the Mayor, is not here. He could speak to the why. He's new to the Commission, but not new to the lake. But trust me, it's a work in process. Commissioner Eric Hastings said water chestnuts have not been here very long, but they are a very invasive species. Commissioner Dale Van Nimwegen said, what I can tell you is there were conversations with the Mayor and Jim that were initiated. And members from DEC were started at the end of last year. So, it's not like nothing was done, but I do believe they ran into some snafus trying to get whatever was needed for the permitting process. But I do not know what those are. I was only on a copy to not a primary in the discussions. And without someone here from the town who was involved in it or Jim, it's very difficult for us to answer what are great questions. Public Commentor Barbara Aarons said, yeah, I had spoken to him that he said that there were permits that went out and then all of a sudden, this legislation came through or someone woke up to it and then you have to do other permits. Those other permits take time. Commissioner Dale Van Nimwegen said, Okay. If I can add to what you said, Jim was aware of permitting that was done in prior years. He became aware of in the fall, and I'm going to say, and I do not quote me on this, I'm going to say more like September, October-ish timeframe, that there were some differences because of the change that was happening on January one, right? Commissioner Kelly Turturro said, that is incorrect, Dale. Commissioner Dale Van Nimwegen continued and said, on January one and there were conversations, he was deeply involved working with the Mayor, working with, I believe some folks on the Mayor's team to try to figure that all out. So it wasn't that the permits got changed suddenly unexpectedly, it's that they're trying to figure out how do we do this now? And there was some conversation at first about you know, is there anything we can do about the classification of the

entire area as a wetland? And I know there were a lot of discussions where Jim was pushing back on that fact to see what could be done, and probably the Mayor as well, although I do not know that for sure. But I would guess just knowing Tom, so you know, it wasn't that, hey, oops, we need permits 30 days ago. This was a process where people were going through it and also, we are exacerbated like in the New Jersey end as well, because even though we are ready to fly, the weather hasn't cooperated and we are three weeks delayed. Commissioner Jack Roe said, right. We were set to do the herbicides in New Jersey 2 weeks ago, and then it rains, and it rained. And then wind, rain, they cannot do it when it is raining or it's going to rain a lot because the runoff of the flow of the water is the biggest problem with that. Public Commentor ~ inaudible ~ Commissioner Dale Van Nimwegen said, and you cannot do it earlier because the weeds are not there. Commissioner Jack Roe said with the kind of herbicide we use. The weeds have a start coming up. So, there is an early tunnel. Commissioner Dan Sullivan said, they cannot spray it until the weed is at the water's surface. This is from the vendor. Commissioner Jack Roe said, this is the time they can do it. We are trying to set a date, and the weather would not allow us. Well, they applied it to the New Jersey waters today. It was scheduled for tomorrow, but because the rain's coming and it is getting so late, it is not optimal because it's going to rain tomorrow, but it's going to be too late. This is the best we can do. Public Commentor asked, well, where exactly. Where do they go? What do they do? I mean, I'm on the Jersey side. Commissioner Jack Roe said, there's a map, we are going to put on the website. Public Commentor said, because I've been out there with a rake. Commissioner Jack Roe said there's a section from around the island going all the way down, not quite to South Shore Marina. It's in the middle, it's not short to shore. It's a swath down. And then homeowners are paying to have that done in front of their homes should they wish to. And there's the big sections that are done in the few individual homes that are scattered along. So that is what's going on in New Jersey. Dan and I have been talking about looking into a different product that can be applied earlier because it can give us a bigger window. Because the window that we have is narrow and the weather killed it. So, this other product, it's more expensive. There is a lot of logistics. We'll learn about it, but it seems to have the benefit, if we can start earlier, we get ahead. If it gets dragged out, it could still be for now, and this is for New Jersey. New York uses different products. Commissioner Dale Van Nimwegen said, if there's a good product that we found in one state, the other state always will look at it and it has to be bounced up against what the regulations are, because the states are different. So, it certainly will be looked at because that's, we share information, you know, among the commissioners. But I do not know the answer to that. It would have to be looked at. Commissioner Eric Hastings said again, the impending emergency in New York is the water chestnuts as they creep down from the north arm. I just got this report from, Jim Martin, who is Greenwood Lake Villages Representative on this commission, is a three-pronged approach of herbicides, which won't do it by itself. Herbicides, manually pulling the water chestnuts out, and harvesting them also. But now that all your lake front, not all your lake fronts, but many of your lake fronts are now classified as wetlands and not. There's a lot of paperwork and probably permit fees and whatnot. But that three-pronged approach is the only way that the water chestnuts are going to be handled. Public Commentor said, can we get a harvester out there? Commissioner Dale Van Nimwegen asked, Kelly, to operate the harvester in the wetlands area is, I'm assuming there is a permit that is required. Is that true or not? Commissioner Kelly Turturro advised, yes, that is my understanding. And my understanding is that after the aquatic pesticide permits move forward, the village is going to come to DEC to get a permit for that. Public Commentor asked, it's my understanding that the harvester permit that just expired was for only north of the 17A bridge. It never incorporated the rest of the arm. Anybody know? Commissioner Jack Roe said, Jim would probably know that, but I do not know. Commissioner Dale Van Nimwegen said, I do know the decision. I do know there was discussion about where the combination of harvesting and herbicide would most compliment, but I know nothing more than the fact that that conversation was happening and you'd have to, you know, have Jim in here or someone from the town. Public Commentor said it came out, it was dated January that showed the area to be treated past the 17A bridge. And I heard, okay, you got to ignore that one, but something wrong with that. Commissioner Dale Van Nimwegen advised; I do not know who sent that out. Public Commentor Barbara Aarons said, but we, we always had the harvest right Floyd? Commissioner Floyd DeAngelo said, always. Public Commentor Barbara Aarons said, and then we were north but not that far north. But now it's coming up like a monster and, it is a big lawnmower or with another permit, and I know about the wildlife, I'm an animal activist, but we are standing by and just watching this. Public Commentors ~ inaudible ~ *It's actually not the fish. It's not, and no, it's not Turtle. They smarter than North. Wash and forgive discussion. Who is who? Who discussions, who?* Commissioner Dale Van Nimwegen said, I mentioned Jim and the representatives in the town. Commissioner Jack Roe said, well, this is DEC stuff that we are trying to work through. The NYDEC is responding to legislation. They've got to make

determinations of this area is wetlands, this area is not what permits are we going to allow for harvesting and herbicides and all this stuff in these wetlands. They've got to figure all this stuff out and they're starting late because, because we are learning about the new rules. Commissioner Eric Hastings said, the legislation became effective for January 1st. The Greenwood Lake Village Mayor is well aware of the situation and the plight that all the lakefront homeowners are facing and is looking for a waiver from the DEC, Kelly for so that the harvester can be put into those areas where you have no access to the lake. You're blocked out now. So, your plight, people are aware of your plight. The Mayor is working on it. So is Jim Martin. Maybe a letter to the DEC requesting, and your senator, requesting a waiver so that the harvester can get in there and give you access. Commissioner Kelly Turturro said, unfortunately, the law and the regulations do not provide for a waiver process. What the law and the regulations provide is a permitting process, and we will work with the Village as quickly as possible to move through that permitting process. I do also want to acknowledge the bigger issue and, and I know that this doesn't solve the, the concern of everyone sitting in the room tonight over this, this summer and being able to get on the lake and recreate on the lake this summer. But I have talked to the Mayor about looking at the watershed implementation plan that DEC did for Greenwood Lake many years ago. To take a step back and look at what are the inputs into the lake causing these issues. It would allow the village to work with their consultants, develop plans, and then apply for grant funding that DEC puts out each and every year with, with the help of the legislature, giving DEC funding to be able to put into communities to help with issues just like this on lakes. So the Mayor and I are, are going to sit down with the consultants for the Village and, and take a look at that watershed implementation plan and determine what projects may be helpful in the long term. And I realize that is long term but that is an aspect that should be looked at as well. Commissioner Jack Roe said, what you described is ongoing now, is that correct, Kelly? The new watershed implementation plan and all that is going on now. Commissioner Kelly Turturro said, well it exists now. What it does is it outlines projects that would be helpful for communities around the lake in New York to help prevent inputs into the lake causing water, chestnuts, weed growth, HABs all those types of issues that, that everybody is concerned about. Commissioner Jack Roe said, Perfect. Yeah. Public Commentor said, in my experience with a watershed monitoring program or plan, it is a key part of that. Is there a monitoring program in place now, or will there be to help implement the plan and test see where the hotspots are and what the problems are? Commissioner Dale Van Nimwegen said, we have a proposal for doing some of that monitoring that has not yet been fully funded. We've got approval to fund it, but we have to pull the trigger on getting that underway. And it would establish key locations to monitor on a variety of parameters. Public Commentor ~ inaudible ~ Commissioner Dale Van Nimwegen said, yes. Because if we, probably not, because there are certain practices that have to be strictly adhered to having to do with chain of custody and all this other kinds of stuff they do when they're sampling. Volunteers are useful in other arenas, but probably not on that one. Commissioner Eric Hastings said, we do know exactly where the HABs are being formed. They're called C-1 zones and we have them pinpointed on a map provided by Montclair State who's done extensive studies for years. And they're C-1 zones. We know where they are in Belcher's Creek. We know where they are up and down and up and down the lake. They will be getting addressed. We know where the HABs are forming. Public Commentor Barbara Aarons said, if I just might mention an extension about the harvester that was usually done, that was done after this morning and that, so that it does take a little longer. When it used to come up our way, we were thrilled. Commissioner Eric Hastings said, yeah. I personally have been in all of your backyards, and so has George. You know, he's worked it, we've been in all your backyards with a harvester, but now it's wetlands and we can't, we just can't go around harvest. Commissioner Jack Roe said, it's wetlands and we need a permit. Public Commentor Barbara Aarons said Can we fight back? Commissioner Dale Van Nimwegen said, first of all, it's law. So, what you would have to do is to lobby to have the law change, which you can do, but we can't change. We have to comply, but you would have to do it through legislators. Commissioner Jack Roe said, so, the pain that you're feeling right now, you got a feeling in the north arm because in the south we've got all weed problem, but not, like you guys have, but it is the law and the law changed. We are trying to catch up with what do we have to do with these new laws in place to do what we've been successful in the past. That am I am saying that right? Yes. So, we are trying to catch up with the new regulations. And we are behind. If we are doing 60-day comment periods in June, that is kind of painful. But I do know that the people are working on this. We are working really hard, the Mayor and Jim and the DEC people, they've working really hard on this, but we are behind on it. Public Commentor Barbara Aarons commented, it's the democratic red tape. Public Commentor asked can (inaudible) way ahead of this before they put that into law. Commissioner Dale Van Nimwegen stated that is way above my pay grade. I'm assuming it's just like every other law. Somebody says this is a good law and then they say, DEC, go figure out how to

implement it. And then they have to figure out how to do that, given all the variety across the state. I do not know. That is my guess. Commissioner Jack Roe said, they are listening to the DEC and they're trying to figure out how to do it too. Public Commentor said, I've been here 40 years. Every year they send people out there with a cup, who work for \$80,000 a year. So, it's frustrating for all. Bureaucratic bullshit. Commissioner Eric Hastings said, call your Senator and Congressman asking for a waiver and you get your property, your lakefronts reclassified as non-wetlands, or are you going to need a permit for everything? You need a permit for everything. Commissioner Jack Roe said, that is already the law. We have to get permits and they're going through the process and they're trying to get work within the law and now it's hurting us. So that is where we are. Public Commentor said Okay, so people are talking about, especially on the arm, going out in cold and stuff like that it's very dangerous out there. We were there this weekend, the weekend, and there was four, four boat that were just stuck, but four different times, four boat stuck. If a child that were pulled in there, they're getting tangled in those weeds you're not finding them. That is how dangerous it is. It's bad. Should we be going in that muck and, and pulling them up ourselves? I mean, I've been raking and, (inaudible) Commissioner Dale Van Nimwegen said I really do not know. That is a fair question, but I do not know the answer. Public Commentor stated, I want to go out and do all these things, like all the, all the people want to get together, kind of, you know, start pulling. I do not want to do all that and then find out that the harvester's coming in a couple days or something like that. But I do have to get rid of it because we can't take out our boat at all. Commissioner Eric Hastings said, well, hand pulling is much more effective than the harvester. The harvester breaks them off into stem and hand pulling typically pulls them out by the root. Public Commentor said, we are discussing, like on Facebook and stuff, because it's horrendous to go out and pull. Commissioner Eric Hastings said, we've had very successful hand pulling episodes over the years on let's, let's ask the DEC rep, if the hand pulling is very useful. Commissioner Jack Roe said, it's super useful for water chestnuts. It's not the best way to do everything, but what you're talking about is water chestnuts, hand pulling seems to be the best method. Secretary Allison Wagner said, but you have to get it at the right time though. It is a method for water chestnuts, but the timing is important too. Like if you do not do it at the right time, it could be 10 times worse. Commissioner Eric Hastings said if the pulling doesn't happen by the end of June. You do not want to do it in July because you'll break the pods and the seeds. The seeds can last 15 years in the sediment, so this has to be done. We need to ask Kelly if this is allowed. Kelly, can we put a group together to clear way on people's yards by hand pulling the water chestnuts? Commissioner Kelly Turturro said, Yes. That does not require a DEC permit. Commissioner Eric Hastings said, so yes, we can have a thousand people show up and hand pull the water chestnut. We've done it before. Public Commentor asked, when do we draw down? Commissioner Dale Van Nimwegen said, we draw down, 2026-2027. It's a year from this fall. Public Commentor said, can anything be done to treat during the draw down? I mean, I know Dredging's probably out the question. Commissioner Dale Van Nimwegen said, I do not know the answer to that. It's a great question. Commissioner Jack Roe also agreed, Yeah, I've never heard of anything like that. But there may be there. Commissioner Eric Hastings said, there's a major dredge and a minor dredge, and I'm not sure now with New York and the different rules, but a minor dredge is up to 10 yards. New Jersey. That is allowed the DEP requires, and Jessica, correct me if I'm wrong, the rules have changed, but in New Jersey you have to notify them that you'll be taking out 10 yards or less. If it's more than 10 yards, it becomes a major dredge project. I'm not sure about New York what's involved, but I think it's the same. Public Commentor said, what about mats? Yes. Yes, they do help, but I believe in the wetlands you need a permit. But yes, they're very effective. Commissioner Dale Van Nimwegen said, plus you have to lay those before it goes. You're talking about during a draw down. Public Commentor said, Yeah. I guess you'd have to clean up. but I believe in the wetlands you need a permit. But yes, they're very effective. Commissioner Dale Van Nimwegen said, plus you have to lay those before it goes. You're talking about during a draw down. Public Commentor said, Yeah. I guess you'd have to clean up. Yes. Yes, they do help, but I believe in the wetlands you need a permit. But yes, they're very effective. Commissioner Dale Van Nimwegen said, plus you have to lay those before it goes. You're talking about during a draw down. Public Commentor said, Yeah. I guess you'd have to clean up. Commissioner Dale Van Nimwegen said, that is great, but right now, we do not know the answer to that because we haven't been focused on the drawdown at the moment. Commissioner Eric Hastings said, I do know the answer, bathometric mats are a great thing to use and yes, they work. Commissioner Dale Van Nimwegen said, we should look at that as part of our drawdown plan. I think that is a great idea. Public Commentor asked, does the draw down affect the seeds? Commissioner Jack Roe said it doesn't seem to. Jess, you can speak to this, we used to draw down regularly with the idea that would affect the seed. We found that that doesn't really help much. Then we heard talk about a hard freeze. Commissioner Jessica Kruegel said, Yeah, I do not think it, I do not think it does. The



current thinking is that that is really not expected. It has to be a hard freeze for like 60 plus days or something like that. Like real hard freeze. Inaudible chatter amongst commissioners and audience. Public Commentor Barbara Aarons said, so maybe it did work for us, and it's true, we have milder winter, but I mean, we used to pull up weeds almost like as if it was a carpet. And we were all out there and I left the draw down because everything was clean and you didn't have that kind. Commissioner Jack Roe said, and you got like a year, you did all that work and you got a year out of it kind of. Or how long did it last? Public Commentor Barbara Aarons said it was gradual. It, of course it started going up again. Commissioner Jack Roe said, Yeah. There's not much you can do so, thank you. Do we have any other topic? We know what Kelly's going to do for us. We are going to get some stuff up on the website. Are there any other topics that you want that people have here or that they're here for? Public Commentor said, Eric, you email me back. You know, as far as the town willing to do anything as far as this harvesting, I'm sure it has to do with the offloading. So, bringing the harvester down there. Commissioner Jack Roe said, right now at this point, there are no plans to bring the harvester down. It's a possibility. But there are no plans to New Jersey? It's not a New York. we've been doing pretty good with herbicides. As for the harvester, we do not have anybody to operate it, there's a lot of complications. Eric put a lot of effort into getting the harvester transferred up to New York where they could really use it. Right. And it's been pretty effective. Now we've got this permit. Public Commentor said cant we bring it to NJ again, I have photos in my phone. Commissioners Dan Sullivan and Dale Van Nimwegen believe it was closer to 10 years ago. Commissioner Jack Roe said the Village owns the harvester. Public Commentor said, West Milford didn't want to pay to maintain, so they made a deal. Commissioner Dale Van Nimwegen said, nor to run or because there were some issues with insurance that came about in the state of New Jersey and so forth that there's all beyond it. But Eric put together the program to move them into New York where we knew that they would be used, which is great. Commissioner Eric Hastings said, call your Mayors. You can call the Mayor of Greenwood Lake Village. Tom is readily accessible and he's on top of this. And you can call the West Milford Mayor and ask them to get together and get one of the weed harvesters down to the jersey, end of the lake, and get it going. The marinas could use it. Either of the coves could use it. And we have the best operators. You have me, you have Matt from South Shore Marina. You got this guy. You got this guy. Alright. And you got Brandon. I do not know if Brandon can come down. Commissioner Dan Sullivan said, the problem with the harvesters on the New Jersey, end of the lake, it's such a big area. You would need three or four harvesters running 10 hours a day to make a difference. They used park the thing in my parking lot. Pretty close to 10 years. Okay. Lets move on with the meeting. We still haven't gotten through all the reports.

**George Vurno – No Report**

### **OLD / NEW BUSINESS**

#### **Correspondence:**

**NJ GRANT UPDATE PROVIDED BY COMMISSIONER VAN NIMWEGEN:** See treasury report.

#### **Water Monitoring:**

**Belchers Creek:**

**Browns Point:** See Commissioner Dale Van Nimwegen's report

#### **Miscellaneous:**

**PUBLIC INPUT:** John Cozens - Can everybody hear me? Yes. Okay. I do have some eyesight issues. I do not know the gentleman at the far end of the table. He sounded very surprised to hear that. My name is Eric. Eric, I have never heard. Between the two bridges of Waterstone Road and 17A, that that is wetlands. I think everybody there tonight agrees that is a ludicrous situation. But thanks to the input, especially again, I'm sorry I'm jumping around on names that I do not even know here. I think we all understand now that we are behind the ball because of the change of legislative mandates on what is wetlands, what kind of herbicides we can use, when we can put, if ever the weed harvester in the lake. This is not a new issue. I've been here, Floyd, I'm a neighbor and he has lived here longer, but for 45 years we've gone through this cycle over and over and over again. The water chestnut is a dramatic increase in the severity of the problem on my side of the lake middle foil. Some pads are the major problem going into the lake and talking about hand weeding is fine, except certainly in my part of the lake. You would sink into the mud very quickly. Jim Martin, who I was hoping was going to be there tonight, has written a long and very intelligent description of water chestnuts, how to kill them. Eric was correct. It is recommended hand weeding. Perhaps hydro raking would be an alternative, but we always seem to get caught in this. Well, it's being used in Jersey. New York has different, so. I've learned an awful lot tonight, and I want to commend everybody that is sitting at that table. You're all volunteers and I think you do an amazing job of digging through these, these issues of

maps being 50 years old, regulations being changed. I do have to agree with the comment that Eric made. This pretty much finishes the northern part of Greenwood Lake for the rest of this year. We can't have people screaming out for help when their boat is stuck. That is just ridiculous. Big difference is that the water chestnuts are putting a floating mat on the surface of the lake. This isn't something you can just brush aside with a metal rake. This is a serious obstruction. I would hate to think that when I sell my home, I'm going to advertise it as, Hey, lake from Property on wetlands. Because Wetlands for the last 40 years in Greenwood Lake has always been associated with the awful mess to the north of the 17A bridge that was never wetlands when I first moved here, those homeowners have suffered an absolute loss of the value of their home. And listening tonight, I'm deadly afraid that unless there can be some expeditious meeting between all of the parties, the DEC, which has to be involved, all of you that are the real experts on this, then Jim Martin's predictions about the water chestnuts are going to come true. He is an administrator on a Facebook group called Greenwood Lakers Against Aquatic Invasive Species. Jim's reduction is the ideal time to tackle the water Chestnuts now is by mid-June. From what I'm hearing tonight, we won't even have gone through the cycle of public feedback and then the liaison between everybody that is involved, the state, Warwick, the Greenwood Lake Mayor, the people. So I want to commend everybody. I want to this is my first reappearance at a watershed, I'm sorry, Greenwood Lake Commission meeting for 25 years. In the old days, it was mind numbing to sit through these meetings, but there were personalities involved, lots of attacks, one against the other. Tonight is clearly very different. The website is clearly very different. I'm going to be in person tomorrow at the meeting. I'm glad to hear that Jim Martin will be there. I'm glad to hear that the Mayor will be there. As of right now, I think we need to say very clearly to the Mayor, especially the Mayor. This finishes the northern part of Greenwood Lake, at least for this year. And depending on the feedback that we are going to get tomorrow showing, well, what did the DEC consider to be the map? Is it what we all thought the map was, which is north of 17A, certainly not between Waterstone, Rome bridge and 17A bridge. So, I'm so sorry that I wasn't able to be there in person tonight. I'm hoping some of my neighbors are, where there are many of us that are now increasingly alarmed and wanting to play a part in making this better. I will be there tomorrow. I'm going to look forward very much to seeing the feedback from the Mayor and Jim. I had to sign in tonight five or six times. That is my problem. So, now, I do not want to repeat myself. Thank you all so much. Very, very educational, and very valuable. Commissioner Jack Roe said, Okay. Anybody else online? John Cozens concluded; I do not recognize any names from my neighbors. I think it's safe to say that, that they're all going to wait for tomorrow and go in person. Secretary Allison Wagner said, is there's anybody else on there that anybody else online? Commissioner Georges Vurno said, I'd like to say something, and again, I think we all recognize that the hardest problem part of solving the problem, it's not doing the work, it's getting the permits. It's a bureaucracy. It takes so long. And in the case of the water chestnuts, bureaucracy could delay the applications so long that it may take over the lake, we have the way of do affecting the businesses on Greenwood Lake. Commissioner Eric Hastings said it is starting to affect the businesses on the lake. You can't take a boat up to scoopy's ice cream, where tons of boats try to go up the creek. You can't take a boat to Dunking Donuts there. The marina is having trouble. The marina up there by the bridge. It's having trouble getting boats out. This is a disaster and I've said several times directly to the DEC. This is an emergency, I know there's no allowance for a waiver, but we need a waiver so we can get in there and do what we need to do. We're losing traction on the water chest. Public Commentor said, when I was down in the creek, I saw the water chestnuts all over the docks. Commissioner Jack Roe said, and that's new, we saw when we were doing all the work up and down the creek, and we never saw them in the creek before. Last year was the first time. Public Commentor said, the guys did great work Hydro raking. Public Commentor Barbara Aarons said, so how do we get a waiver. Commissioner Eric Hastings said, call your senator. Public Commentor said, as I understand it, there's just no option for a waiver according to legislature. So, you can try and get people together and march and demonstration that would affect the legislature...meeting became inaudible, Motion to adjourn.

**ADJOURNMENT:** There being no further business to come before the Commissioners, the Meeting is called to adjourn by Commissioner Jack Roe and Seconded by Dale Van Nimwegen, all voiced in favor.

**IMPORTANT DATES:** Next meeting is June 17, 2025 @ The Senior Center in the Village of Greenwood, NY @ 7pm

**MOTION & RESOLUTION**

- 1) Commissioner Dale Van Nimwegen motioned that we move to approve the March & April 2025 minutes as distributed. Commissioner Floyd DeAngelo seconded; Approved.

NAME	YES	NO	ABSTAINED
Floyd DeAngelo NY-Chair	X		
Paul Sullivan			
Dale Van Nimwegen	X		
George Vurno			X
Eric Hastings			X
Jessica Kruegel	X		
Kelly Turturro/Ingrid Hackle	X		
Dan Sullivan	X		
Jim Martin			
Jack Roe	X		

Name	Attendance 2025	Reports Given 2025	Name	Attendance 2025	Reports Given 2025
George Vurno	0/12	0	Eric Hastings	2/12	1
Dale Van Nimwegen	3/12	3	Floyd DeAngelo	3/12	2
Paul Sullivan	1/12	1	Laura Franek/Jessica Kruegel	3/12	3
Dan Sullivan	3/12	3	Kelly Turturro/Ingrid Hackel	3/12	3
Jack Roe	3/12	3	Jim Martin	3/12	3

## GREENWOOD LAKE COMMISSION

### JUNE 17, 2025 MEETING MINUTES

Hosted at The Senior Center in the Village of Greenwood, NY and Teleconference via Zoom

**COMMISSIONERS ATTENDANCE:** Floyd DeAngelo, Jack Roe, Dale Van Nimwegen, Kelly Turturro, Eric Hastings, Jim Martin. Absent: Jessica Kruegel, Dan Sullivan.

**APPROVAL OF MINUTES:** Commissioner Dale Van Nimwegen said, I move we approve as submitted. Commissioner Jack Roe stated, second. All in favor ~ Approved & passed.

**ACKNOWLEDGEMENT OF GUEST:** Laurie Hoppe-Ringer, Jane Primerano, Strauss Newspaper

**TREASURY REPORT:** Not a heck of a lot has changed. One of the things that is upcoming is the audit for our workers' comp payments, which should be just fine. That will come up and be completed in July. There will be some extras. And where we sit, is the significant change from the last go around is you'll see in the column labeled "Lakes 2022 GWLC 00054", that is the grant. And you will see the \$350,000 that we received as an advance for payments that were made, which I have made actually \$397,000 worth of payments. And I am in the process of submitting the report that I use the advance and here's the canceled checks so that they will then give me the next lot of money. And if anybody's interested in the detail of that, I can share with them out of, you know, out of the meeting. But that is just the way it works. And so, as it stands now when with respect to grant vendors, there is no money owed. That does not mean that there won't be coming up, but right now we have paid all the arrears, thankfully!! So that is done. Now I have to worry about turning the negative amount to a positive with the next go round, which, which will be tackling and should be easier because we do not have the problem of not being able to get the advance. In so far as the basic the column labeled New Jersey Commission Business on the far left and the column labeled New York Commission Business second from the right, those two are what I would call normal operating activity for the commission. The one difference between those two sets of data you'll see in the New Jersey column, -\$11,426 81, that is a negative expense. So, it is actually a positive, and that reflects the fact that people have paid for herbicides. And I have not paid the bill yet. So, the team is in the process of Allison and Dan, and I guess you may be involved as well, Jack, to a certain extent. They are validating so that they can attest to the accuracy and the prop appropriateness of the bill. And the bill is, what is it, \$26,700, I think is the amount on the bill for the work that they have done thus far. Secretary Allison Wagner said, I actually thought it was an even \$27k. Commissioner Dale Van Nimwegen said, it could be. Commissioner Jack Roe asked, is it proposed treatment? Or is it the old bill and then just a new one coming? Commissioner Dale Van Nimwegen said, no it was the original one. I think it is the acreage that, remember you said it, you had. You, you were off by \$395 from the total that I gave you. Secretary Allison answered, yea. Commissioner Dale Van Nimwegen said, we have to figure that out. And the other thing is, did not you say the acres you had as a record were different than the acres he had, and we have to resolve that? Secretary Allison said, I do not know the number that Bob came up with. Commissioner Dale Van Nimwegen said, yeah. I, I do not remember off the top of my head, but I know there was a difference there. It is not huge, but it just has to be reconciled before we pay. Commissioner Jack Roe said, well, there is one more new person who paid or is going to pay. Secretary Allison Wagner said I saw something come in, but they should not pay unless there is one person who did not get it before everybody. Commissioner Jack Roe said, the people who were treated this last week. Secretary Allison Wagner said, so, we had a deadline. So, they should not be filling out an application and putting their money in because we do not know if a second treatment is coming. Commissioner Dale Van Nimwegen said Allison's referring, I think to the summer treatment is what we typically do. Commissioner Jack Roe said, that is why I am bringing it up. This guy, we were in front of his house in his boat. He called and he had told Dan he wanted to do it. So, when Bob was back, he did it last week. So, it is done. It is not paid for. Secretary Allison said, Okay, so, I have an application. I never received payment from him. Commissioner Jack Roe said, so we have to chase payment for him. He did get application; he did get the herbicides. Commissioner Dale Van Nimwegen said, so the acreage is like 200 acres, right? Secretary Allison Wagner said, 225 I think, because just in the middle we did 200 acres. Commissioner Dale Van Nimwegen said, which is a pretty good application. So, 227, I can't remember. I saw the number and, and remember I said I think it is up a little bit from last year, I believe by probably 10, 12% or something like that, which is good. Secretary Allison Wagner agreed. Commissioner Jim Martin asked which herbicide was applied? Commissioner Jack Roe said, "Tribune". What's, this is interesting though, along the lakefront in Awosting. Yeah. A long section, constituents got it done. It is clear. Then, there is a guy, he did not pay, and he is got a big lakefront so you can tell, the weeds are bad.

Commissioner Dale Van Nimwegen said, Oh, wow, Huh. We should take pictures of that and put it in the next time to say, hey, you want to participate? Commissioner Jack Roe added, yeah, "Participated did not participate." That is really true. Commissioner Eric Hastings said, Dale, the negative 47. What was that? That is expenses, where it is negative 11. Commissioner Dale Van Nimwegen said, the second double column. It is negative. 47 is the net revenue. That is the fact that I got \$350 from DEP and I paid out \$397,000. Commissioner Eric Hastings said, Okay. So basically, what I did at that point was, as I have done before, is I drew down pretty much from the \$30,000 we got from Passaic County temporarily until we get the reimbursement in from DEP. Okay. Everybody All right. With the financials. Great.

#### **COMMISSIONERS REPORT:**

**Dale Van Nimwegen** – I want to talk to you guys a little bit about Orange County. And this is sort of hot off the presses. It is a draft. It is it is an idea or a couple of ideas that are rooted in some facts. So, it hasn't been fully flushed out yet with details just because it is early. Okay, so this is sort of a five-year plan for grants, applications and other funding and applying it to the lake in New York. That is what this is. If you think about it, the box on the left is what I'll call happening now, and it is kind of the part A, this is how we would, how we are going to hopefully very shortly start to use the \$70,000 Orange County funding that we receive. And basically, what that funding will do is, actually some of the things that we have already done in Belcher Creek, it is water quality monitoring and developing some of the scientific data that are, that is needed for grant applications. It is back the metric mapping. Basically, what that is, is it tells you what's on the bottom, how much muck you have before you hit lake bottom. That is important because it, it is something that if you want to entertain dredging, knowing where it is deep or thin and all this kind of stuff is important information. And there is a watershed survey so that they can confirm, and we are going to confirm where all the inlets are and what's going on there and all that kind of stuff.

Commissioner Jim Martin asked, is that over all the New York borders or is that over specific? Commissioner Dale Van Nimwegen said, there are actual sites designated. Most of it is in the creek, and I'll call it the confluence, where the creeks East or West Arms hit the lake there and out. Yeah. In that area, like the Delta, "Our Mississippi Deltas" that area there are a couple samples central to the lake kind of as a control. You know, where it is not being affected directly by runoff right there. And it is more, you know, blended lake water than specific to the shoreline. The second part of the this proposal would be to actually prepare a written and hopefully DEC approved WIP, which a WIP is a watershed improvement plan with all kinds of specifics in terms of targets based on the data collected saying "you want to fix this, you know, you need to lower TMDL, or we found this other stuff," and so on and so forth. When we talked to Orange County, the discussion about all that was, "hey guys, give us the money, because this will form the basis then for subsequent applications to actually go into the lake with a shovel", so to speak. Metaphorically and you know, and get stuff done and improve the water quality and improve what's going on and maybe even halt some of the runoff going into the lake. What has come up is DEC has issued chance to apply for a whole series of grants. And, what's probably going to be helpful is I'll send it around to you so you guys can look at it. A bunch of the categories do not apply to work. We would be interested in. Like, it could have to do with you know, a treatment plan or something like that, which is not something we are going to look at. But there are a couple of categories that are dealing with NPS or non-point source nutrients in the lake and what we can do about that, that is a target area we are working on in the south end. So, it'd be great if we had a sister effort going on or a brother effort going on in the north end of the lake. So, there is all these categories and I met today with the folks in Princeton Hydro to talk through how, you know, what could we do with this grant? Where would we fit, where would we qualify? And specifically, how do we take the Orange County study to the next level? The next step, and a caveat in all that was also not to study further, but to actually get to implementation self-shovel in the ground stem. And part of that is not a study so much, it is taking study information. Part of the application would say, we want to take that and turn it into the engineering drawings and the specifications that would be required to have a suite of projects that we would kick off in this mailbox. Part B. Then we would continue to look for more money in other grants and complete it. So, the cycle here is we are studying the water, finding out what we need to do and where, and can prove it to somebody who's got money to give to us, which is the issue. I mean, we all know kind of what goes on, but that is not good enough to get, you know, a hundred thousand dollars from a funding or \$250,000 or whatever it might be. The second part is to take that data and turn it into bonafide projects with applications and permits so that you can actually then implement. And the implementation is begun in the middle box and finished in the end-box. And I put this as a five-year plan. It could be six but I am sure it is not three because there is a lot of work involved in these various steps. But I think that. Just on some of the stuff Jack and I have seen as a result of the work being done in Belcher Creek, it is pretty exciting stuff and it'll give us, you know, some places to go. The other thing it may do, and I do not know if this is true or not, but it may provide a basis for delineating wetlands away from the center of the lake. Now I am not

sure that is true, but I know there is the possibility with what is, *LOSS OF AUDIABLE*... You may succeed, you may not, but there may be an opportunity to do that. And the north end of the lake, and I'm looking at you because I know you have been all over this. Commissioner Jim Martin asked, I'm curious, Princeton Hydro, they would do sampling these reports? Commissioner Dale Van Nimwegen said, well, the first part of it here, right is Princeton hydro's proposal that we have discussed with Orange County, and it's the basis for the, of getting the money out of Orange County, it would be Princeton Hydro. The benefit of that is twofold. Obviously, they are qualified, they have an integrated Lakeview because they are doing the similar work at the South end, and I've too often seen this. So, you know, There is some benefit to that. Commissioner Jim Martin asked I'm just wondering things like the bathroom metric would handling the, that themselves? Commissioner Dale Van Nimwegen said, yes, they, well, they have subs that they will work with. Yeah. But they are but, but they would great project management oversee it. They take care of like the, the quality in New Jersey, There is something called a coop with a, it's a quality assurance plan. I do not know what the acronym is in New York. I guarantee you there is one. Commissioner Kelly Turturro said, it is called the same thing. Commissioner Dale Van Nimwegen said, yeah, because it deals with things like; the quality of the labs that do analysis, the chain of custody for the samples, the preservation in temperatures for storage, and on and on and on and on. Which, when it comes to the samples and what you're trying to measure matters. So, they oversee that kind of stuff. If they are using a lab and the labs, there are a set of labs that are approved by DEP in New Jersey. I'm certain There is a set of labs that are correspondingly approved in New York. So, you know, obviously there are differences between the two states, but kind of everybody's after the same thing. Commissioner Jim Martin said, right and so they are good with this timeline, 15 months? Commissioner Dale Van Nimwegen said, yes, for this part of it, the timeline for the middle and the right side, I kind of guessed right side based on our experiences thus far with what we're doing in Belcher Creek, because like I said, There is some parallels. To like the middle box as to what's happening right now with the Belcher Creek portion of the million-dollar grant. I do not think the center here is a million-dollar project. It might be a million-dollars between Part B and C. But I do not know yet. You know, we have not gotten far enough, but I wanted to bring it here because, Floyd and I have been talking about first off getting the money to launch the Orange County Project because we do not have the cash to cover the cash flow in the initial phases of the project. That I wish we had a benefactor who gave us a ton of money, but we do not. And we now, have enough going on. Where the money's coming in and the money's going out. And for years I did not have to manage cash flow, and now I do. which is a good thing. That means we're, you know, we're doing things for the lake. So, it's not a complaint, it's a statement of fact. So, you know, I think also this does a couple of things for Orange County and funding the Part A, it gives Orange County a chance to basically hold up their hand and be recognized for initiating a pretty substantial effort for the New York Waters and the New York watershed associated with Greenwood Lake, which is a good thing. So anyway, questions? Commissioner Kelly Turturro asked, is there an actual project that you have in mind that you would apply for? Commissioner Dale Van Nimwegen said a project, meaning, have I sketched it out yet and on the New York end ~ yes. There would be a project to apply for. It is really, really early. So that would be, if we are in agreement to kind of go for this, that would be the next set of conversations. I have some stuff we put together which sketches a project out, which I can share with the group. Commissioner Kelly Turturro added, it's important for the DEC grant application that the application outlines that. A few thoughts and suggestions. Grant application deadline is July 31st. And it is a hard deadline. The sooner you can get the application in, the better it is. Just from a system perspective. Everybody tries to get their applications in at 3:59, 3 o'clock. Our team will also take questions until July 10th. Okay. So, if you could pull that information together, I can work to set up a meeting with our grant team. So, you can ask all the questions that you want, and you can make sure that you're, you're in good shape to apply for, for the grant by July 31st. Commissioner Dale Van Nimwegen said, Okay. Great, because that was one of my questions to you. We thought some sort of a pre-meeting, a discussion meeting would be really useful to us. Commissioner Kelly Turturro said, Yeah, it would be very important. Commissioner Dale Van Nimwegen agreed it would be very important. Commissioner Dale Van Nimwegen continued, the second thing is, I know there is a grant application system. I'm using air quotes. I do not mean to, just like, New Jersey has one that was hellish to learn how to do and so New York has one. So, I guess the question is. How do we get somebody to become proficient in using that? And you know, I mean I'll do it, but I do not know that I need to do it. We may be able to get somebody who could actually access the system, but it's new Right. Commissioner Kelly Turturro said, we've relatively have been using it for many years. Multiple grant applications across many state agencies that use, it's called consolidated funding application. Commissioner Dale Van Nimwegen said Okay. Commissioner Kelly Turturro said I've seen that many agencies use it. Okay. Commissioner Dale Van Nimwegen said we should talk about that on offline as to how to quickly come up to speed

on using that system because, you know, the project and the definition of the project is one thing, but to meet the deadline, you got to get the stuff in. And you know, I've lived through that with the New Jersey stuff, not knowing what the heck I was doing. And that is not something I care to repeat, if at all possible. So that would be great. The other thing is I want to mention this is also similar to what we're doing in New Jersey, the grant category where we would be applying in is funding available to a municipality. So, what we did in, for those who do not know what we did in New Jersey because of Jack negotiating with and he really took the lead on building a partnership with the Mayor and West Milford. And what that partnership resulted in was agreement to go for the grant application that I sent some stuff around to you guys to look at, and I'm sure nobody even opened it, but that is okay. What happened there was the municipality is the applicants. And they in West Milford passed a resolution naming us and actually, also Princeton Hydro because of the work that we were doing with this particular grant as partners in the application. They have named Greenwood Light Commission as the project executive. And they have retained the financial executive on the project. Most of these grants need you know, like a head project guru and a head money guru. And what we did there in the case of the million-dollar grant Paul is the project executive and I'm the money executive. We may be able to forge a similar partnership. Because applying for this grant is a, is outside of the suite of expertise that exists in, I would say Warwick, the Warwick Township organization or the village organization? Commissioner Eric Hastings said, no, the village is very good at this. Commissioner Dale Van Nimwegen said No, no, it's not the application Eric, it's about the science of what's going on. That is where the concern lies. And you need some of that too. So, we have to figure out how we're going to do this. And there are certain things where clearly this could be a partnership with the village, but maybe it should be a partnership with Warwick. You know, I do not know. Commissioner Jack Roe said, we need somebody who knows how to put this stuff in. There is probably somebody in Warwick for sure, somewhere who knows how to do this, so you do not have to spend a hundred hours, right. That exactly what you did on this last. Somebody knows so, we can leverage that. Commissioner Dale Van Nimwegen said Yeah, which we use somebody in this past grant, where we ran into not quite what we expected was the science of it all without some sort of knowledge about what these grants are about in terms of water quality in the watershed. It was really hard for a grant writer, even though they had great skills on how to get the job done and the grant application submitted. There were some judgements that needed to be made as we were constructing, putting the information together. And if you have six months to put the application together, that doesn't matter. But we only had, what, three weeks. So, we did it in 21 days and this isn't much better. This is only slightly better than three weeks. So anyway, and we had the benefit of being coming off of the application we did for the million-dollar grant, and we're able to use a bunch of how we did that to make this more recent application. Commissioner Jack Roe said, which is also another interesting and important piece is that to pick the projects, we had a watershed implementation plan, to say, here's all the stuff, we have enough data to do, and I came in, we could do this sort of thing, and then Fred said, no, you do not really have enough data for that, you should do this.. And you've got a better chance of getting funding. And the other thing is a useful thing deactivated, prosperous on the tributaries, which a great thing to do. Commissioner Dale Van Nimwegen said, so, the other thing I think, Commissioner Dale Van Nimwegen said, so, the other thing I think, and I do not know whether the meeting would be the best place to do this, is there an existing WIP for New York. Commissioner Kelly Turturro said, there is a WIP. Commissioner Dale Van Nimwegen said Okay, because I put in here a TMDL reduction plans, which is great because that in combination with the updated data plus the bathymetry is a great package to support, you know, an application we would make. So, this plan would get us to, you know, a long way along to successfully applying for the next grant. You know, which would be great. The tricky is we do not have all that. We have the existing data; we do not have the results of the Orange County study to put in the application now. So, we're going to have to figure that out and that may modify how and what we go for and we'll have to figure that out. Commissioner Jack Roe asked, do we know where those documents are or you do not know? Commissioner Kelly Turturro said, we have a WIP and I can circulate them again. Commissioner Dale Van Nimwegen said the reason I thought we had one is because I've seen it. And I've seen it online and stuff. Commissioner Eric Hastings asked, are there any residual matters that we have to address with the Pena Luna dilemma of years gone by. Kelly may know better than me, a site on, on the north end of the lake up in the hills. It was a, a dump site and it leached into the lake and, and a huge amount of sediment come, a huge amount of sediment. Matter of fact, I would, I've been told from Hydro Qual who did a study on the north arm that the majority of sediment in the north arm is from there. (Loss of audible) Commissioner Dale Van Nimwegen said, well, if you happen to come across something, send it to me, because it would be... Commissioner Eric Hastings said I do not, the DEC would Commissioner Dale Van Nimwegen said you know, this has all transpired in like the last 48 hours, mind you, so, this is quick and I had done a bunch of searches to try to find were there any known hazardous sites? I know

there is one specification in the North end, and you may know this, where, the map shows this purple thing going up the mountain, and I thought that was tied to something that had happened up the mountain, up the eastern side, flowing down the eastern slopes to the east arm. Commissioner Jim Martin asked, which map did you see? Commissioner Dale Van Nimwegen said, I have it, I just can't tell you what the map descriptor says. I was processing information rapidly and not necessarily retaining. Commissioner Jim Martin said, I never remember seeing anything like that. I've seen the Palisades Park. Commissioner Kelly Turturro said, DEC has a website, info locator, which will show you all the sites around it looks like Warwick Landfill is an, was an EPA Superfund site. Commissioner Eric Hastings asked, is that referring to the penal Luna problem? Commissioner Kelly Turturro said, that is what's coming up. Commissioner Jack Roe asked, where is that set up? On this side or on the, the east side. Commissioner Jim Martin said that is towards Monroe. From Monroe and Lake Road. Commissioner Eric Hastings said our water, our watershed extends the Greenwood Lake Commission watershed extends to the middle school. It's between us and the middle school, somewhere between us. Commissioner Dale Van Nimwegen asked so is it on the western side of the east side? Commissioner Kelly Turturro said I do not know anything beyond just Googling it quickly. And I see it an EPA record of decision from September of 1995. Commissioner Dale Van Nimwegen said Okay. So, like I said, if you have anything about that, the more informed we are, the better, you know the better our approach will be as to what we do. But I'll do some additional research on it and Kelly, obviously if you can find anything that'd be appreciated and I will find that map and I'll show it to you, I saved it. Commissioner Eric Hastings said with all the data we have from Montclair State, I mean they did a great job. All the data and all the data from the Hydro qual, that was \$125,000. Commissioner Dale Van Nimwegen said yeah, that is quite old right now. Yeah. So, one of the things, I looked at a lot of that when I did the Orange County, you know, hey give us \$70,000 bucks, and it needs updating and this assumes the Orange County work assumes there is information that can be pulled from that data and then revalidated or discarded, we do not know which by some data that is being collected. And hopefully it's still valid, but we do not know. It has to be checked out. because it's pretty old. Commissioner Jim Martin stated, I wonder how, what is considered old or not? Commissioner Dale Van Nimwegen said, I think it depends on what you're measuring. I do not know. Commissioner Eric Hastings said, like C-1 zones. Our last presentation was a year ago, roughly Mayien Woo. She gave a presentation and the C one zones are all around the lake, principal spot for HABs are created. Commissioner Dale Van Nimwegen said, yeah, we are working actively with them right now and there has not been anything revealing on that topic, but she's kind of good about if There is something that has come up, she shares it, even if you may not be on that, but it's something we can ask her. And we have another meeting coming up in a couple of weeks. The data collected by Montclair, one of the problems with that data is if you're making application for permit some of the requirements for the sampling data that you're using to justify the permit requires certain labs and some sampling controls and things like that, which are not part of the work that Montclair does. That suits the New Jersey, DEP, and I'm assuming similar things will be for the DEC, but we'll see. I mean, if we can use it, we'll use it. Commissioner Eric Hastings said, I personally have asked that as an overriding thing and letting anybody take samples on the lake, that they do it in such a format that it can be used by the DEC or the DEP. And have been repeatedly assured that it would be. Commissioner Dale Van Nimwegen stated, I have learned, the repeated assurances of people who aren't the DEP or the DEC are, interesting information, but not necessarily actionable. Commissioner Eric Hastings said, the last thing for me on this is besides get, if we can get the data points that we need in the first box, is we definitely need to put this out to bid long before any of you were here, except George and I, Princeton Hydro have repeatedly subpar performances when it came to many issues of the lake. I know they are working with them on Belcher Creek and it's a success, but I'm aware of many deficiencies in their performance, including not making the deadlines, getting their proposals in when DeFeo. I was at the desk with DeFeo and they did not. Commissioner Dale Van Nimwegen said, so can you share that? I mean whatever you have on that would be useful information. Commissioner Eric Hastings said as long as we put it out to bid with specific data parameters. Commissioner Dale Van Nimwegen said some of the things we obviously must put out to bid and some not necessarily, and we have to make decisions about that. Commissioner Eric Hastings said I know it seems convenient with Princeton Hydro so involved in the south end of the lake, but they are not our best friends on, Greenwood Lake. Commissioner Jack Roe said, they are super helpful for us. And as far we have to, we stay on top of, we meet with them once a month and we have things that they have to meet and they bring them every time. Same. Absolutely. There is nobody smarter than Fred Lubnow, Fred is one of the smartest guys out there. Commissioner Jack Roe said, they've got a whole team. Commissioner Dale Van Nimwegen said, so, we have not had the experience you described at all. But with any, with any company we work with, we though have with all the folks, including Montclair, actually, we are on top of them and we are getting information out of them and able to make certain, you



know slight adjustments on the fly because we are, you know, kind of in this continuous dialogue and we're meeting once a month with them. Commissioner Jack Roe said Montclair's consistently bringing more than I'm expecting to bring wait we've ever seen from them. Commissioner Eric Hastings said, that is why I want to use their data because it would be so much money, you know, if we had to hire somebody to go out and do it. Commissioner Dale Van Nimwegen said, well they are this is actually another topic that I wanted to bring out, and I do not mean to be "owning" the meeting. So, before I do the last topic is everybody generally, in agreement we should go for this or not? Commissioner Eric Hastings said go for it a hundred percent. Commissioner Dale Van Nimwegen said, Okay. Because you know, I am not into going for it and then finding out, well I did not really want to do that, so. Okay. Commissioner Kelly Turturro said are we voting on that? Commissioner Dale Van Nimwegen said I do not think we need to vote on going for putting together. What are we going to go for and passing that around and deciding, because this isn't flushed out enough; I do not know what we'd be voting on other than a vote of competence to put something together to make an application. Commissioner Jack Roe said, but then when you, do we have to vote to put in the application? Is that a thing that requires voting or no? Commissioner Dale Van Nimwegen said we would when we get to that point. Commissioner Kelly Turturro said I would say yes, because I would recuse myself. That is the reason I ask that. Commissioner Jack Roe said when we get to that point, I guess that'll be by the next meeting or it have to be before the next meeting to meet all these dates. Commissioner Dale Van Nimwegen said so here's my concern about trying to vote on something tonight. I've given you all I know and it's not a heck of a lot right now. And so what would I be asking you to vote on other than 'Yeah, go for it'. Commissioner Jack Roe said, forget about tonight, we do not have enough, but if we have to vote on something to actually put in an application, does that happen at the next meeting or does it need to happen before the next meeting to have everything fit together? Then we'll have to do a special meeting on the phone. Commissioner Kelly Turturro said, actually, it all depends on who's applying. Right? Is the Greenwood like the commission applying? If not, then no, there doesn't have to be a vote. Commissioner Dale Van Nimwegen said, it depends on if we work it out so that we take project lead, it should be voted on the commission. I'm not comfortable. If we're going to make that big of a commitment for monitoring, measuring, execution, project management, etcetera, that needs to be voted on by the commission because as Jack, and if Dan were here, and Paul can attest to what we're doing in New Jersey, the four of us are constantly at this. And so, we need a you know, a multi-person, well-oiled team working that. This is not easy to pull off, and I'm not comfortable. I wouldn't make the application if we did not get the commission to say, I'm going to step up and make the commitment to do the work that needs to be done. It's a, it's a lot of work. It's a lot of thinking it's a lot of setting aside your own bias, your own I think I knows about the lake because let me tell you, Jack and I have many times said, well, we know where the weeds are. And the answer is no, you do not. And you know, and the eventuality of it. So, you have to make the commitment to go ahead and do that. And what I would hope is we would get a team in New York that has the same kind of operating mojo to get the job done, because it's not only the application the application is hard work to pull it together, but when you get the money, it's even harder. It requires continuous management skills, or you can't pull it off. Scheduling project management. Commissioner Jack Roe said, Yeah, follow up, follow up. Secretary Allison Wagner said, so the July meeting is the 15th, right. That would give two weeks and two days. Commissioner Dale Van Nimwegen said, which is probably early enough. Here's, here's in my head is a little bit of a plan. And again, it's 40 hours old folks, so I have not sat down. I need to sit down and say, you know I need you know, a paw and a head and a tailbone and all that kind of stuff to figure out how to get us to the point where the application is submitted. I am a hundred percent behind what Kelly said. You do not want to submit the day of the application being due. That is a big, big, big, bad thing to do. So, you know what I'm going to do is sit and figure out, well, if it's due on the 31st, what's the timeframe before the 31st? Is it three days or five days where we can do a final project tech before we submit and punch the, you know, the button that says, send it along, you know, goodbye application and figure out who should be part of that. There is got to be a small team of people that do it. Like Jack and I talked about a lot of this stuff before we hit the go button on the, the application we just did for New Jersey. We need to have that kind of tightness to what we're doing, and then I'll back it up to say, okay, that means we would need this by and this by and this by. And that is why understanding the task of entering the data and the format and the formatting and you know, does it all have to be typed in? Can I upload file? You know that kind of stuff. Well Kelly, you can probably help me find somebody who knows the system. Commissioner Kelly Turturro said, I think the first step is to talk to our grants team. So, I'll set up something when I get to the office tomorrow, I'll see what their availability is and we'll do that as soon as possible. Commissioner Dale Van Nimwegen said, So yeah, I mean this is exciting as she looked around the room and....silence...this is exciting. I mean, this is a chance to kind of return to the Morhan grant days, for the New York end of the lake, which we have not seen in a while.

We have not been able to get, just like New Jersey had been able to get for years. You know, to Paul Z's credit, he got us going on making the application for the million-dollar grant and we were successful, which is great. So this stands to be that kind of cyclical, you know, you have a plan each year, you're applying for grants to do more on that plan, more work on it, possibly updating it and that kind of stuff, which would be great. I mean, that is what we as a commission would dearly love to have. Yeah. All right. All good.

**Floyd DeAngelo – No Report.**

**Jim Martin –** The village had the applicated Tigris put in clipper on Monday to the beach area and the northeast arm and the rest of the arm and the west arm. The hydro raking will probably not be done this summer. There was a three-year permit, but we still have a part of that three-year permit was just harvesting the channels. That is still valid. So as soon as we get the harvester back from Jersey, we could do that before water chestnuts become viable. And as far as Priscillacore EC, which was going to target milfoil and choppa, which is water chestnuts, Tigris has to give us a date on when they are allowed to do a treatment with that, but we do have the one-year permit on that, that goes with the wetlands permits. And the last permit we have is Cutrine plus, which is a copper product that is for algae. Commissioner Jack Roe asked, is there permits for each of each of the different chemicals. Commissioner Jim Martin said, yeah. Each herbicide has a different permit, a different purpose. But it needs the corresponding wetlands permit, and all that stuff. So the wetlands was a five year permit. But the herbicides can change from year to year. Matter of fact, they probably should change from year to year because strains can develop that are resistant. So, group 14 herbicide, you may have to use something out of the group 14. You probably seen my email, the explosive weed growth, and we're wondering just how much of that could be due from the Jennings Creek fire with runoff from the springs coming into the lake. Commissioner Jack Roe said, interesting. Commissioner Jim Martin said Good question. We have not talked about that, or the pH levels of the water may have been affected. So, it's not like it's been an extra warm spring, it's been clear. Matter of fact, my wife asked me to turn on the furnace again a couple weeks ago, so we can't attribute it to that. It has to be something else. Either the weeds are becoming developing strains because we're using a particular herbicide too much, you know, more than five years of whatever the labeling says. Or it's something to do with Jennings Creek fire and run on, or maybe a combination of things we do not know. Commissioner Paul Sullivan said, I would just like to add to that. I've seen other lakes especially where I live, and it's a totally different weed situation this year. The weeds are thicker and earlier, even without a fire or effect. Nothing affected it except Mother Nature. Commissioner Jim Martin said but here's the thing, we do not know, do not know reason why. Like I asked you, what do you guys apply down in Jersey? We're a group for the whole lake. I do not know how the water flows and it's part of the study. Generally, it must flow towards Jersey, but I do not know that for sure. It could do a circular motion. I do not know. It's probably in one of our studies, but we need to be maybe a little bit more coordinated with the chemicals that we're using for the whole lake. Like if we do not want to use them too much. So really have nothing else to add to that. Commissioner Eric Hastings said, and all the herbicides, without removing the weeds, create such biomass on the bottom. There are many areas of the lake that are very dangerous to be in because the, the muck is so deep. We just keep dropping weeds and weeds. I'm part of the problem especially around the mouth of Belchers Creek and from the, from the first bridge all the way up. The muck is just so deep. Some of you know you know, I personally have pulled people out of it that got stuck, you know, over certain events over the year. So, the herbicides are, are not the only answer here. Commissioner Jim Martin said yeah, we actually have to remove the biomass. We can't just let it keep on. Commissioner Eric Hastings said, it's getting the immediate problem of access to the water, but boy it's not good in the long run. Commissioner Jack Roe said, you need a whole point. It's all these things. Because the herbicides we're able to use the south end of the lake. We did not do herbicides. You couldn't harvest that, it's way too much work. It's constantly getting little pieces. Right now, the south end is clear, wherever we put the herbicides. We've got to get the stuff out, that is got to get out. Commissioner Jim Martin said, There is one more thing I could add, and I told you on our call last week, I did not tell the others, but you've seen it in the email. I completed the drone mapping of the west, east and beach area. Hundreds of photos from a pre-planned drone mapping that would use before and after for DEC permit. Commissioner Dale Van Nimwegen said, that is great requirements. Commissioner Jim Martin said Yeah. But we can also use it ourselves for year over year. Yeah. Analysis. And that is why I like to know what are the herbicides that we're all using and how long have they been used? What, what's the history of what we've been doing all these years? That should be all knowable. Commissioner Jack Roe said, it should be, the two years I'm involved. I know what we used in the south end. I'm sure that is knowable going back. Commissioner Jim Martin said, I'd like to know for at least five years because you see, Commissioner Dale Van Nimwegen said well, probably five years is probably relatively easy, It's beyond that, that gets a little bit dicey. Like for the

time that I've been treasurer, I keep all invoices paid and project details associated with, in case we were ever audited. Commissioner Jim Martin said, so I can get the information from the DEC with a foil request, you know, take a month, but I can get all the permits over the years. Maybe you guys can help facilitate that, so I do not have to do a foil request, but just like I get it all on a spreadsheet and compare it going forward, compare what we're doing as a team. Commissioner Jack Roe said, Yeah, that is a good idea. Commissioner Floyd DeAngelo said, yeah, that is a good idea. Commissioner Dale Van Nimwegen said, now that is, I remember what I wanted to talk about. Jack and I were on a meeting, we were talking to MSU and one of the issues that I had been thinking about it. Turns out so was Jack and so was Dr. Wu is an upcoming drawdown, which is not this fall, but the following fall may be an opportunity to do some specific sampling around the perimeter of the lake and we ought to think through what we might want to do at that point in time. Commissioner Jack Roe added, if the water's low. There are certain places they can't sample the inlet because the inlet is a pipe and you can only measure it in the lake where it's got lake water mixed in. So, during a draw down, they've got a place where they can sample. So, if There is things that are useful like that, that is a target time. So, we got to think that through. Commissioner Dale Van Nimwegen said, and the conversation came up about some sites we've been trying to sample down in the Jersey end, but it's got to be true everywhere. So, that is something for us make sure we plan for when we start talking about the draw down next year. Commissioner Jim Martin asked, who can advise us on that type of thing? Like what type of sampling would be best for this time? Commissioner Eric Hastings added and acceptable to each state? Commissioner Jim Martin asked who would we ask, will we ask on Princeton or who? Commissioner Dale Van Nimwegen said, well first of all this conversation we had was Montclair State. That is where this came up. And so, there is a part of the conversation that can be had, they are very knowledgeable. The problem is, as I said, they do not always use that which is sanctioned by the DEP/DEC teams, for various purposes. And you just have to know, you know, are you in that situation or not? But also, I found Princeton Hydro to be, but I know there are others. I'm trying to Hydro Qual; I did not ever have personally interaction with them, but they may be a source as well. Whatever is, I know they changed organizationally a lot, but that team of people may be additionally, you know, good resources and Kelly, you may know some people just because of what you see coming through for DEC's review. Commissioner Kelly Turturro said, so, DEC can provide what our lab requirements are. We can't recommend anybody. Commissioner Jim Martin asked, do you have a list of people, that you, that would be recommending, because I know you can go on the site and get a list of herbicide applicators and people that has certified in drones and applications. Commissioner Dale Van Nimwegen asked do you have a list of certified? Commissioner Kelly Turturro said, we would likely have a list of certified labs that we would require. Commissioner Jim Martin said, okay, that is a good start. Commissioner Paul Sullivan said, in New Jersey, we use Garden State Labs and town uses them and the county uses them and I'm sure that they are certified. Commissioner Jim Martin said yeah, it'd probably be ideal if we could all use the same one, Commissioner Dale Van Nimwegen said, There is some there and I couldn't cite them, but I have seen actual differences between the two states, which can be material. I do not know that they affect the outcome so much, but they are factors that you have to make sure the lab serves both. Commissioner Jack Roe said, There is even more coordination that could be helpful. I've been going to the west Milford Environmental Commission meetings, which are about as fun as these. And they use all different labs and all different people, and all this stuff and you know, coordinating with them as well. They've got a whole set of resources that we're not tapping. Speaking of resources, has anybody ever thought about joining prism? Commissioner Eric Hastings stated, I read the article you put up and it was very good and I think it would be beneficial for, Commissioner Jim Martin interrupted, I do not know if anybody here ever, they do more than just aquatic invasive species. They do any invasive species. So, it's a, it's a commitment. It's, you have to go to the meetings twice a month and you know, you have to submit reports and things like that. Just wondering if anybody thought that would be beneficial or is it too broad for us to get involved in those other things? Commissioner Dale Van Nimwegen said No opinion. Do not know enough. That would be mine. Commissioner Jim Martin said, we had some people asking about that in the village.

**Jack Roe** – We talked about the grant in, in New Jersey. The grant is actually to the township of West Milford because we're working with a grant writer that is contracted to West Milford, so they can't get a grant for us. They get a grant for West Milford, and then we're the managers. That is how we're doing it. It sounds like you guys are doing a lot of that sort of thing, maybe for a different reason. With the village, certain things can only come to the village. It can't come to us, so it's, that is all good. I'm learning this now. The mayor has asked us to give her a report weekly. So, I'll give her a little report. This is what we're doing. This is what's going on. I asked Jim to tag onto that, and you added. Mostly it's going to be hardly anything, but just keep her up to date. So, when people call her, she can answer. And she's got a big social media presence

that she's putting it out. And she's political. There are reasons, its value to her personally too, but it's good for the whole program if she's pushing this out there. Commissioner Dale Van Nimwegen said, well, the other thing for her is she's always been peripherally involved in the lake and that gives her a more up real info. We talked about the herbicides. We for the most part in the center of the lake where we did and the homeowners, where we did in Jersey, it just worked. And this one homeowner, so this one section my wife was out walking and noticed that the front of that one house that has all weeds. They have a really big frontage so you can see it. And they did not participate in the program. Commissioner Jim Martin asked, was it mostly milfoil, would you say? Commissioner Jack Roe said, it's milfoil and curly pond weeds all mixed together. Its most, everything we touched down here. Commissioner Jim Martin asked, you did not have the floating algae like we do in the east arm. we have some of that, but that is not what we're going after either. So, and that moves around. So, it's different, that is not the program, but it's a thing we got to deal with. But it's not the target. The other interesting herbicide thing coming, and this, could be very related to your idea about the fire, the, no, I'm going to put that off to the side. The interesting herbicide thing is that There is several houses North of Fox Island who got treated and had really bad, like no results. So, the two on the west, the two on you get to talk to everybody. The two on the east, they had no results. And that whole area south of Storms Island is choked. So that is where Eric is working. That is we're working together to do all the harvesting in there because it's unusable. It's like you guys have up here. Commissioner Dale Van Nimwegen said so, did Bob from Aqua Clear talk about why he thought that it did not work? Does it have to do with the movement of the water. Commissioner Jack Roe said we had two different kinds of parts of discussion. We were together for an hour, maybe. And part of it is, you know, the way the water might have flowed. That is a thing. The other part is, potentially pH. Certain herbicides stop only work in a certain pH range. Any, if you've noticed all the reports, they have a secchi number and a, and a pH, but they just take that sample. They do not take that at every place. So that is a thing to get into. But that, that whole area is terrible. We're going to be doing harvesting in there. And then Eric's got a couple of target places he wants to do, which is all good. So, we'll, go to those people who are landlock. We're going to try to get them out. Commissioner Dale Van Nimwegen said, you might want to talk to Dr. Wu about that. I think that at one point they did sampling around Fox Island. I'm not sure. Not this most recent go around, but in the past, you might ask her. It's a long shot, but it might be possible. Commissioner Jack Roe said Well, the last thing on my list is the HABs. North of Fox Island. We've got lots of HABs and it started real early south of Fox Island. It's clear by like down by you look off my dock. You do not see the bottom, but you see down to the weeds. You get up north of Fox Island, it's green water. You can't see any, we were up the other day. It's just green water. Commissioner asked, is it more shallow there? Commissioner Jack Roe continued, no, the shallow waters is the clear part. Which is the weird thing. This is where I'm thinking your idea, you brought up the fire. Yeah. That might have changed something. We might be getting more runoff there because of the fires, there is less brush holding stuff up. All those sorts of things. So, the fire may be why that is because the fire got down by the lake. Commissioner Jim Martin asked, can we do simple pH tests ourselves? Commissioner Jack Roe said, Yeah, like a pool kit, like a pH pool kit? We could, but we'd have to, I mean, it's, it'd be like interesting information, but I do not know if it would be usable for anything. Commissioner Dale Van Nimwegen said, we should call Meiyin and see if she would do a quick sample of; Commissioner Jack Roe said well, we're talking to her in a couple of weeks. So, that circling around to what you just said. (a lot of side conversations) Commissioner Dale Van Nimwegen stated, Paul Sullivan had a great idea, Jack, maybe the West Milford Environmental Commission may have testing equipment to. Commissioner Paul Sullivan said, yes, they do. They have a lot. They get a lot of testing. Commissioner Jim Martin said, and Paul, shouldn't we also test after they do the herbicide to see what the concentration of the herbicide was? Commissioner Paul Sullivan said that is very difficult. Commissioner Jack Roe said I do not know. I do not enough about that. We would have to ask people who do that for a living. If you asked your Tigris guy and I'll ask Aqua Clear. Commissioner Jim Martin said village waters clipper was all done in one day. It wasn't like it, the weather could be a factor of one spot is really bad. One spot is pH might be a factor. We do not know. We could start tracking. Commissioner Jack Roe said the discussion came up with Bob. He mentioned Clipper. I do not why he mentioned Clipper, but he mentioned Clipper is really pH sensitive, so it might fit with what we're talking about. If you have some places that work. Commissioner Jim Martin said Yeah. I just read about it two days ago I was reading the New York label for a clipper. And it did mention pH, but I do not remember what they said. Commissioner Jack Roe said Oh, you know what? If you have runoff after a fire, it is going to lower the pH. Commissioner Jim Martin said one of the applicators I spoke to him, and he said, absolutely the fire would've made a difference and it would've changed the pH, and you started talking about oxygen levels so that could well be what we're seeing with, with the HABs. And we will ask Meiyin because she'll know. She knows that stuff. Commissioner Jim Martin said Yeah. It would be interesting to see where the runoff is coming from too.

That would be make it pretty clear cut. Commissioner Jack Roe said Well, just if you look at where the fire got close to the lake, where the trees are knocked down. But if you also look at down by Awosting is a big buffer between where the fire was and the water. And just north of lost wood, which is where the end of the island is. The fire got pretty darn close to those houses. Commissioner Jim Martin said I have friends that live around there and yeah, they said the fire got very close. Commissioner Jack Roe said it got like scary close.

**Dan Sullivan** - No Report.

**Paul Sullivan** - No Report.

**Jessica Kruegel** - No Report.

**Kelly Turturro/Ingrid Haeckel** - DEC issued the permits to the village of Greenwood Lake to allow the aquatic herbicide treatment.

**Eric Hastings** - The weed harvest still be in on Monday, on the Jersey end of the lake. Elena is helping us out with letting her use our marina on the east side to clean up that area. And then we'll work over by Dan's, Dan is also very helpful and we'll clean up that area in Browns point. And we'll set the harvester up at Elena's on the east side with the old Happy Landing. We'll set it up at either Dan's or Browns point on the west side and clean up that area. There is a substantial amount of water chestnuts at the mouth of Belchers Creek. It's, they are here. And that is we need to take out a hundred percent of them. One becomes, one becomes 20. 20 becomes 400. 400 becomes 8,000. 8,000. It's tough with a harvester to get seed though. Yeah, very. It's a problem that we haven't, we have notit's going to dwarf all the other weeds. Secretary Allison Wagner asked, can't we spray for them also? Is there a herbicide? Commissioner Jack Roe said we're getting it'll help at least Aqua Clear is putting together a proposal for that area. Just that area. We're not going to go up the creek. It's just that area where it's starting to spread out. I do not know whether we can afford it, whether we can, you know, whether it's a good idea, but we got a proposal coming and we'll figure out what to do. Between just what we've been talking about. We've got to do, either that or what you and I talked about, do the best we can with the harvester because they are the choices we have. Commissioner Jim Martin asked, is it so big that you can't do it by hand anymore? Like have a chestnut pull like we did in Grant in the village? Commissioner Jack Roe said I do not think that is something we're, we're not tooled up to do that. Commissioner Jim Martin said, so we had dozens of people come here. Well, especially this guy who went right in the water. Commissioner Jack Roe said I think that works better because you've got a small community here that is harder to do down there, harder to get people interested. Commissioner Dale Van Nimwegen asked, isn't the area also a little bit shallower? And you can walk in? Commissioner Jim Martin said Well, he's the only one who walked in. You can't walk. He had waiters and he still got, he could walk, the water's up to here, that whole area. It's over your head, but you get stuck in the muck. Years ago, during a draw down and it was kind of frozen, my daughter and her friends decided to walk out on the muck. It wasn't completely frozen, and they went in, the cops came. Kelly's pink boots are still in the muck. Secretary Allison Wagner said, Oh my goodness. Okay, so building off of their proposal, I guess that is when maybe an RFP would go out to bid? Commissioner Jack Roe said, no it's going to be small enough that we do not have to go out. It's going to be under 5,000. And plus, we can't afford anymore. And we do not know if we afford that. Let's see what, what they come back with.

If we could just, like, I pick them out when I see them and I'm sure some of you do. Commissioner Eric Hastings said, if you see them, you might just happen to get them. Especially they are on the lake. Boy, if we could just get people in the habit of picking them out. They pull up real easy. It's like untying their shoelace. I mean, it pulls out that easy. Commissioner Jim Martin said, I was talking to Tom Halley, the mayor, suggesting that we put an informational sign down by the kayak ramp, because a lot of people from out of town, Monroe, other localities use it. They bring their kayaks. If we just put an informational sign and leave the baskets there and say, as thanks for using the kayak. Would you just leave one basket. One basket and dump it on the ground? They might, I do not see why they wouldn't. A lot of good people. Secretary Allison Wagner said, I think the only problem with that is the timing of it all. Are you going to take the sign down when you shouldn't pull them? Commissioner Jim Martin said No, it'd be a permanent sign. Commissioner Paul Sullivan said, and you should always pull them. Secretary Allison Wagner said I thought there was a certain times of the year, if you pull them, the seeds will fall off easily. Commissioner Paul Sullivan said, they will not come off if you pull them out gently. We have done many, many things. Commissioner Eric Hastings said if you harvester right now, July, August. Commissioner Jim Martin said right now they are not this big and they do not have any seed yet. Fruit basically holds the seed. They will be about this big and they'll flower several weeks from now, let's say little white flowers. Once they flower, the seeds start becoming viable and they get reproduce the next year. As long as we get them out before they are viable, then even if the seed falls off, it's okay.

But if we take them out too late in that seed pulls off. You are talking 15 times 20, For the next year. Commissioner Eric Hastings said as hard as we worked and as much as we got, we filled the dump truck with water chestnut. It was a dent. All we did was give access from the passive boat. Yeah. All we did was give access from the passive boat launch out. But we have lost the north, that north armor of the lake. It's acres and acres. Commissioner Jim Martin said so we used to have natural lily pads there and the water chestnuts year over year, they just choke them out, it's gotten shallow. Commissioner Eric Hastings said from all the years of the sediment coming in. And I have been behind the, the sanders when they are, they are sanding and you can just watch it go in and splash in the water, you know, before it freezes. This from the sanders coming down from, from all the embankments, it just is we have lost that north arm. The little bit of access that the people have now with the boats. Commissioner Jim Martin said there is a huge area of the Hudson River and Lake Champlain and other areas in the state that have it worse than the north. Commissioner Eric Hastings said Yeah, I'm aware and Lake Hopatcong had it worse. They do everything and, dredging, and everything you can.

**George Vurno** – I want to thank all those people who pulled the pull the water chestnuts. Thank God. Commissioner Jim Martin said but like Eric said, it's a lot of, it's making people more aware of just how extensive the problem is because everybody could just look from the road. But the people that actually went out there, they were amazed. Commissioner Jack Roe said that is as an important part of that program as actually getting the weeds out is getting, is getting the wins, which is what that kind of program does. Commissioner Jim Martin said we were even on news 12.

### **OLD / NEW BUSINESS**

#### **Correspondence:**

**NJ GRANT UPDATE PROVIDED BY COMMISSIONER VAN NIMWEGEN:**

#### **Water Monitoring:**

##### **Belchers Creek:**

##### **Browns Point:**

**Miscellaneous:** Commissioner Eric Hastings added, on the water chestnuts, you had a three step. Most states, lakes and New York have a three-step program. The herbicides, the hand pulling, and the hydro raking. I think we need to add to that of having dredging and we saw the sediment; how laden the sediment is with the chestnut seeds. I mean, you saw firsthand how bad it's, Commissioner Jim Martin said we do have the drawdown coming up. I have seen the wet dredging I've seen done before, I do not know if it's a particular time or if this did not seem very effective as compared to real dredging. Commissioner Eric Hastings added it is so overwhelming, if it only takes out three quarters of them, we're spinning our wheels. Commissioner Jack Roe said Well, you guys could do up here because when you do a drawdown, it's broad. So, it'd be something like what they did. Commissioner Jim Martin said it's more like frozen muck. Commissioner Eric Hastings added a local guy has a long reach machine, and that is what they use to make the bass boat. Commissioner Jim Martin said they put mats out and the bulldozer or wherever they are going to use goes out on the mats and then they move the mat. We paid to have my house done probably over 10 years ago, and five neighbors got together and we paid our own dredging. Had to get a permit and all that stuff. But the village never did it yet. Not that type of dredging, not a dry drawdown type. Like, they have machines designed for that, that they used in the meadowlands. Those are really long tracks. Mm-hmm. They do not need to stage it as much as we would do with 6x6 mats chain together and going out there. So you do not sink.

**PUBLIC INPUT:** Laurie Hoppe-Ringer – I'll hand out a couple copies that you can pass around to look at the pictures so that you know what I'm talking about. My name is Laurie Hoppe-Ringer and my husband is John. We live north of Sportsman's Marina on the west side. And we had a neighbor that has placed a dock exactly right on the corner of the property line, and he placed it at such an angle, a couple of feet away from the shoreline, and he placed on such an angle that our boat ramp now is completely unusable. We can't get any boats in or out. He did this spitefully. There is a long story now. Commissioner Jim Martin asked where are you located again? Laurie Hoppe-Ringer said the New Jersey end and you know, if you know Sportsman's Marina, the boat house restaurant, we are the third house from that dock, (side conversations – inaudible) Commissioner Jim Martin stated in code, it's actually code dock. So many feet from your on property. Laurie Hoppe-Ringer There is nothing there. I first approached the zoning officer in West Milford, and he said that, we have no jurisdiction on the lake. We do nothing at the lake. That state called the state Marine Police spoke to people on the GWL commission. I talked to the N-J-D-E-P, then I was left to a gentleman by the name of Steven Gentry had some stuff done that I needed permitting with, so I thought to him There is an email there from the Bureau of Coastal Police Enforcement, something like that, and they did not site investigation and everything else. And they said, unfortunately,

because this is not a permanent fixture, it's that you see the picture, the long dock, it's got holes, pipes banged into the lake on the four corners. So, it's movable and it doesn't matter whether or not it was in another location. According to them, There is nothing they can do about it. It's other docks are violations. I see where there is a violation and they are going after him for that, which they wouldn't have if they investigate because of this. But we are at our wits end, we do not know it was recommended that I speak to a Brian Orzel from the Army Corps of Engineers that I would, and I emailed him yesterday, a long email. I have not heard back from him yet. I did call a New Jersey district office and I did not know that it was under the jurisdiction of the New York District, so I did email him have not yet heard from him. I am grasping at straws. I'm going to everybody, including there is an email in May we'll see from Mayor Michelle Dale, who she told me about the million dollar grant and everything. She, very excited. She said that There is nothing they could do. It's out of their jurisdiction. She felt bad, but There is nothing they could do. She was sending all of my paperwork that I gave her onto a liaison at the governor's office. Do not know how far that is going to go. My next step is probably to write to our senators because There is, nobody's coming up with any kind of actual codes that for right of way. Commissioner Dale Van Nimwegen said there, I mean okay. Just from my work in Awosting, and Jack you may be able to speak to this. There are no building codes for docks in the New Jersey end which is unlike I believe New York has some standards. And the only thing I am aware of that ever happened during my tenure working on the board for the Awosting Association was there was a situation that wound up involving the building department. Because whatever the structure was, it created a safety hazard and I think the Health department, but they really, the issue of no jurisdiction was true then. And they wound up being a mediator. And this has gone back probably 20, 25 years, but I would definitely, you know, pursue the Army Corps of Engineers because there may be a navigation matter that they can take up and access and things like that. I do not know, but I would definitely chase them. If I knew somebody to tell you to call, I would, but I do not. Laurie Hoppe-Ringer said, Yeah, totally understood. In that packet also, you'll see that, and that is where I did kind of call the health department as part of, that is another reason for the dilapidated pool with stagnant water, and we've got a ton of mosquitoes this year we never had before, but also that dock, they do not use it. They do not intend to ever use it. It is a resting place for geese and ducks and it's, I wouldn't let my grandchildren go down there on Saturday when they are visiting us. They like to go play and go fishing by the ramp. Commissioner Eric Hastings asked, is he feeding the water foul? Commissioner Dale Van Nimwegen said Do they swim? Laurie Hoppe-Ringer said, Yeah, he does feed the ducks. Commissioner Dale Van Nimwegen said and does the neighbor, does he go in the water, and does he have family going in the water there? Laurie Hoppe-Ringer said Oh, yes, in the summertime he has like you know, guests and everything that, that they go in, they kayak, they swim, whatever. Commissioner Dale Van Nimwegen said you should have the health department sample the water in the area because if There is that much E coli, they'll have to close in that area. Might be, that might be a lever. Commissioner Jim Martin said, if There is no code, then the marinas in Jersey could build their docks out to the other side of the lake and block below. Laurie Hoppe-Ringer said I think that the codes do exist for Mars and that is the problem. Secretary Allison Wagner asked, are we sure There is no ordinance for docks? Commissioner Eric Hastings said it wasn't in there. Commissioner Dale Van Nimwegen said There is nothing in the ordinance for the building of the dock in West Milford or Awosting. There, there used to be, but There is not anymore. There was not. Commissioner Eric Hastings said in West Milford, There is no code anymore. If the Army Corps of Engineers, you were supposed to go perpendicular to your property. You can't go out on an angle and cross over somebody else's right of way to the lake. I could build in front of your house on the lake. Commissioner Dale Van Nimwegen said, yeah, what Eric is talking about is why I am saying go to the Army Corps because they'll know if there is anything. Laurie Hoppe-Ringer said Okay. Commissioner Eric Hastings said Brian Riselle is the man. I'll try to find a contact. Commissioner Dale Van Nimwegen said, if they are feeding the waterfowl, do not ignore the idea of having somebody sample the water when the poop is high because it may be useful. It's not going to solve the problem, but it may be useful. Commissioner Jack Roe said, I do not know whether the health department does that. I know for beach we have to pay somebody to come and do that. But maybe the health department. Commissioner Dale Van Nimwegen said, well, for us, we're a commercial operation, the Awosting association, we paid for it. You may be able to get the health department to do it because you're an individual. I do not know, but ask them, you know, they'll be able to tell you what to do. You know, it, it might, even if you have to pay for a sample or two, it might be worth it. Secretary Allison Wagner asked, did you say you emailed us about this? Laurie Hoppe-Ringer said No, I emailed Brian Orzel at the Army Corps of Engineer. Secretary Allison Wagner said a while ago you emailed us about a neighbor fueling his boat. Laurie Hoppe-Ringer said Yeah, I think that might have come up because I know in Lake George, my husband's family has property up there and I know that that is against the law. This guy does. He fuels up his boat. He spoke, he's got his little pet ducks swimming all

around and he's. Splashing fuel in the water where they are swimming. Secretary Allison Wagner said okay. I wasn't sure if you said you emailed us about this or not. Laurie Hoppe-Ringer said No, not about this issue. Come in, not about this issue. This, this, he put this dock in here on October in 2023. There were legal issues. I had to wait until things were settled before pursuing this, getting him to move the dock. Commissioner Eric Hastings said and rules of navigation. I just, I happen to have a, a small book here, rules of navigation. You might tell the state police because he's not allowed to block a navigable channel. and he is, he is blocking your launch ramp. Laurie Hoppe-Ringer said Yeah, I did, and they are passing the bucket, the go to DEP, the state police go to DEP. He's saying, go back to the town. Everybody's saying, go into the Greenwood Lake Commission. I said, okay, I'm going to make my presence at the meeting. I'm going to everybody I can do, like I said, I'm going to probably write towards senators at this point, because if There is no codes, there should be. Commissioner Jack Roe said, well, I just found this recently. There is some work being done up on Belcher Creek. And one of the neighbors has a problem like you do about the next-door neighbor. And I chased it around and people said yes that we, we've gone out and investigated. How do you do enforcement? Well, we can't do enforcement. You're going to find that as like your next Yeah. The nobody seems to have the ability to enforce stuff. Commissioner Jim Martian asked, does he take his dock out of the water in the winter? Laurie Hoppe-Ringer said Nope. It, it stays there whole time. Jim Martian asked, And can you build a dock over his? Laurie Hoppe-Ringer said I honestly do not know because that is not, it's beyond where our property line goes. I mean, long story short, there was a land dispute. He gains six feet of land after 75 years of lots of surveys. We got his former owner surveys, our surveys, and they changed. Property corner. So, if he did not get the six feet, that dock wouldn't even be a problem. And he thought he was going to get the other 10 feet of land, which is our boat ramp. And he did not. So, when he knew he wasn't getting that, put this dock there so we can't use it. Commissioners said wow, glad he is not my neighbor. Commissioner Dale Van Nimwegen added, but with the, the Army Corps, my suggestion is to say you may not be able to solve a problem, but you may be able to help me figure out where I might be able to go. Commissioner Jack Roe said, you're doing a good job with this. That is how you start ~ Good luck.

I'm from Strauss News and we do not normally cover the Commission, but I saw the news 12, well, I saw a release about the News 12 story about water chestnuts. I was filling in on Jane Primerano. I was filling in for Bob Quinn's. It might be his third retirement. I'm not really sure, you know. But anyway, I was filling in for a month and I saw that, and I said, well, we have so many lakes in the whole area. I'd like to pursue this. Well, I called the number on the website and I got a message that said they did not check the number. So, I sent an email and I have not heard back. I contacted DEC and I finally did hear back today, but this was more than a week ago. Anyway, but I'd like to know, although I want to follow up with all this other stuff and maybe another story how successful the water chestnut pulling was and how many first, how many people you know, came out. Commissioner Jim Martin said, I think the village was keeping a list and they reported around 50 people 20 of which maybe had kayaking boats and they pulled 120 laundry baskets, each basket holding, A hundred, chestnuts, because they were small at the time. And the seeds. And filling one dump truck. So, it was like we were saying earlier, I do not know if you caught it, but we were saying it was a very successful, but more successful as far as educating people as opposed to putting a dent in how bad it's getting. Strauss News reporter said, well, that is kind of what we're doing too, is educating us. I was trying to kind of send it out there that you had, that you had to do this. And this is the first hand pulling you have done. Commissioner Dale Van Nimwegen said, Yeah, in years. It's been done before, but years ago. Commissioner Jim Martin said, water chestnuts were discovered in the north on, in a 2014 study. I forget the name of the company. I can get you that. And I believe we only opened one permit; freshwater wetlands permit in 2018. The DEC has no record that that was actually implemented, but if anything it was done one year. We have been harvesting but not targeting water chestnut. We have been targeting, keeping channels open for boats, but that is not stopping the water chestnut. Strauss News reporter asked do you own your own harvester? Commissioner Jim Martin said, Greenwood Lake has their own, they share it with Jersey, but it is owned by the Village. The Village has title to it, but it is an agreement with Jersey they could borrow it to. Strauss News reporter asked and so you employ a driver? Commissioner Jim Martin said, yeah, usually a DPW in town or volunteers. That was the first actual water chestnut pull, because water chestnuts have only been around since 2014. Very sparse at that time, and now it is acres and acres. Strauss News reporter asked, and this is the first year at and acres? Commissioner Jim Martin said No, there was acres and acres since probably 2020. Commissioner Dale Van Nimwegen said, and what also is interesting about it as they have become more prevalent here, they were almost always exclusively at the north end of the lake. They are now clearly a problem at the south end as well. So, they are making their way around. Commissioner Jim Martin said Yeah, if you look up Lake Champlain, the Hudson River, you can see acres and acres there as well in Monroe that are completely choked off. All throughout state, all the way



up to Quebec. Commissioner Dale Van Nimwegen asked Do you have a photo of what it looks like? Strauss News reporter said, I do, I covered Lake Hopatcong Commission and, I grew up on Lake Hopatcong, so I kind of know a little bit about, that is why Jeanie gave me the story actually. You must know about these things. And I cover the commission and the harvesting in New Jersey, and you know, because they have harvested and you're right, Knee Deep Club who are a bunch of cool, really crazy fishermen. They started as soon as they saw like A water chestnuts, they started it. And now the Lake Hopatcong Foundation runs the harvesting. So really managed to catch it before it got to be acres and acres. Commissioner Jim Martin said, right now, in our case, it is more or less management and not eradication. I think that is impossible. Yeah. That might actually be impossible for the state or all the states. I do not think they are in New Hampshire yet, or Maine, but they will be. Strauss News reporter asked, and you also have a HABs outbreak in the lake right now too. Commissioner Paul Sullivan said, it is not a HABs outbreak, it's a potential HABs outbreak. Commissioner Dale Van Nimwegen said, there are HABs present, because there always is, but There is not what would be determined to be an outbreak. Commissioner Jack Roe said, I looked on the website. It's an advisory. North of the island and it is whatever the lesser one is. Commissioner Dale Van Nimwegen said which kind of is, we have seen them is the first level and the next level is, and There is more of them has now. Strauss News reporter asked were they a problem through the years on Greenwood Lake? Commissioner Jack Roe said, forever, but none of it's new. Strauss News reporter said in Lake Hopatcong, they were always late in the season. There were HABs and then that in 2020 and 2021. Well, whatever. No, 2019. They just went crazy early in this earlier. Commissioner Jack Roe said, the way you just said. It's how we've experienced it. Strauss News reporter said, so, like I said, that is kind of what I grew up with. Do not let your dog in the lake on September And that is true because in North Carolina, which is just west of Raleigh and a place that they had never seen HABs, three family dogs were poisoned and that is really scary. But anyway, so do you, I know these are dumb questions, but I do not know much about the area, but do you have sewer around the lake? Commissioner Dale Van Nimwegen said, only a few. In Awosting. Strauss News reporter said ok, small areas have sewers. Yeah, because that is like always a thing they talk about on Lake Hopatcong because it's getting finished. Commissioner Jack Roe said they are doing a good job with that out there, but they've been going at it a long time. Yeah. They started the sewer project in Lake Hopatcong Borough, and they started taking the trees down to dig up the roads in February of 1987. And I can tell you that because when we had to drop off my daughter at a babysitter when I was in labor with my son, the roads were blocked. So that is exactly when they started. But, and they went around to Jefferson, but they have a thing in Jefferson called American House Hill, and it would cost as much to blast through that hill as to sew the rest of Jefferson, which is why there was the problem. You got a lot of granite up there. We also have a lot of lines too. Commissioner Jim Martin said and just to clarify, there are no treatment plants on the New York end. It's all conventional septic. Strauss News reporter said Alright. Okay. And, for the harvesting, the weeds that you're seeing, is it European mill foil? Commissioner Jack Roe said fanwort, milfoil, curly leaf pond weed. Commissioner Jim Martin said Same thing in New York, but the chestnuts will displace the water chestnuts and all of the other invasive, including native, if we did nothing at all. Strauss News reporter said Well, they map the lake and then the sunlight does not get down. Commissioner Jim Martin said Right. So, there'll be no other weeds. So that is one way of treating milfoil. Strauss News reporter said yeah, they discovered that. Do you have aerators on any section of oil? Commissioner Jim Martin said we tried that over the years, but it did not seem to really do anything about the weeds. Strauss News reporter said two very shallow sections of Lake Hopatcong. Commissioner Dale Van Nimwegen said, its to shallow, there is no flow there. Commissioner Jim Martin asked did they put the eating bacteria in along with the aerators, you know. Strauss News reporter said No, they did not. At least they did not at Crescent cove and Ashley Cove, but I have not covered the lake. And they may have a recent year. They do have biochar. They have a lot of things to get the phosphorus out. They have, and they have a Jefferson Township, which is where I grew up, owns this really cool storm, storm drain cleaner, which they belong to mount Arlington. So that section of the lake, which is the majority of it, gets a lot of the road soil and stuff that goes into the storm drains out. It was like a million-dollar piece of equipment, but. The mayor for 20 years in Jefferson was buddies with Chris Christie. So, sort of things happened. Money came. That is how the harvesters came too. It was wonderful. But anyway, yeah, so they, they pulled that out, so that is helped the phosphorus, but, and they, you know, they basically make people feel like total idiots if they put any fertilizers on their grass. There is a lot of, passive aggressive attitudes on the lake. One of the biggest things, of course is the geese. Because the geese are, you know. Commissioner Jim Martin said Well one of the things we spoke about outside of this meeting was having a buffer zone between people's lawns and the lake, like other types of plants. Strauss News reporter said there is a lot, they are encouraging, Lake Hopatcong Foundation is encouraging people to do that, and it works. Like I said, their biggest challenge right now is the

zillions of geese that do not migrate anymore. Commissioner Dale Van Nimwegen said, our geese have not been that bad at the south end. How about the north end? Commissioner Jim Martin said, They, know when to fly when they see people cover their pool. Commissioner Jack Roe said, we have not had it bad. Cormorants Birds, this year. Never saw them until this year, and Wow. And like a few, now there is a big flock. But they are supposed to be worse than geese. The Pounds of poop per is worse than geese. They very cool. Black birds.

**ADJOURNMENT:** There being no further business to come before the Commissioners, the Meeting is called to adjourn by Commissioner Dale Van Nimwegen and Seconded by Commissioner Paul Sullivan, all voiced in favor.

**IMPORTANT DATES:** Next meeting is July 15, 2025 @ The West Milford Library in West Milford, NJ @ 7pm

**MOTION & RESOLUTION**

- 1) Commissioner Dale Van Nimwegen motioned that we move to approve the May 2025 minutes as distributed. Commissioner Jack Roe seconded; All in favor: Yes, Approved.

NAME	YES	NO	ABSTAINED
Floyd DeAngelo NY-Chair	X		
Paul Sullivan	X		
Dale Van Nimwegen	X		
George Vurno	X		
Eric Hastings	X		
Jessica Kruegel			
Kelly Turturro/Ingrid Hackle	X		
Dan Sullivan			
Jim Martin	X		
Jack Roe	X		

Name	Attendance 2025	Reports Given 2025	Name	Attendance 2025	Reports Given 2025
George Vurno	2/12	0	Eric Hastings	4/12	2
Dale Van Nimwegen	6/12	6	Floyd DeAngelo	6/12	3
Paul Sullivan	2/12	1	Jessica Kruegel	5/12	5
Dan Sullivan	5/12	4	Kelly Turturro/Ingrid Hackel	6/12	6
Jack Roe	6/12	6	Jim Martin	5/12	5

## GREENWOOD LAKE COMMISSION

### JULY 15, 2025 MEETING MINUTES

Hosted at The West Milford Library and Teleconference via Zoom

**COMMISSIONERS ATTENDANCE:** Floyd DeAngelo, Jack Roe, Paul Sullivan, Dale Van Nimwegen, Eric Hastings, Jim Martin. Zoom: Kelly Turturro, Phone: Dan Sullivan, George Vurno Absent: Jessica Kruegel.

**APPROVAL OF MINUTES:** Commissioner Dale Van Nimwegen said, I move we approve as submitted. Commissioner Floyd DeAngelo stated, second. All in favor ~ Approved & passed.

#### **ACKNOWLEDGEMENT OF GUEST:**

**TREASURY REPORT:** Not a heck of a lot of this happened. We had a small number of deposits that came in basically from trailing deposits from herbicides. And there were a couple other bills that came in relative to the New Jersey million-dollar grant. And in York Commission and New Jersey Commission business, there were kind of incidental things like, you know internet, stuff like that. Nothing particularly earth shattering. The results between the far-left column of New Jersey Commission business and the second to the right from the right, double column called New York Commission Business. They're very similar, the big difference being the expenditures going on for herbicides that have run through the commission and the deposits thereof. The number is higher right now because I haven't yet paid Aqua clear, and I need to get with you all to get the reconciliation and the 'Yes. Okay, go ahead and pay' it direction from you guys. Commissioner Jack Roe said, Yeah, that's good. Commissioner Dale Van Nimwegen continued, Okay. So, you know, if we could get to that before the next meeting or shortly thereafter, that would be great. Okay. I think that should doable, don't you guys? Commissioner Paul Sullivan asked, what's projected Aqua clear amount? Commissioner Dale Van Nimwegen said, I think it's 27, 26,700 or something like that. But I don't know if that has, you know, the cleanup stuff that he did, the catch-up stuff? Secretary Allison Wagner advised, No. Commissioner Dale Van Nimwegen continued, ok, no, it doesn't have that in there. So, I'm guessing another, another \$4 - 5,000 maybe, something like that. So, it'll be @ \$30K. So anyway, that's, that's what I think it turned out to be. Paul, I know that \$26,000 is a good number. That's actually invoiced. And I'm just guessing what he did. I don't know. You know, I wasn't in the full looping enough on what specifics he was doing and the extent. Commissioner Paul Sullivan said, so basically, that'll leave us with a \$4,000 balance. Commissioner Dale Van Nimwegen said, if that was Yeah, until all the million-dollar stuff catches up. Commissioner Paul Sullivan said I mean the New Jersey side. Commissioner Dale Van Nimwegen said, in the New Jersey side, when DEP catches up with all the invoiced and paid out and all that, I have to submit, I, you know, stuff on, we actually should rise by another, I'm going to say it could be as much as \$60,000. I have to go back and look. But because we had a bunch of money that was sitting in the bank that I used to cover cash flow means for the grant for a period of time. Commissioner Paul Sullivan said I was wondering why it got so low. Commissioner Dale Van Nimwegen said, so that's where it went and it'll come back. It's just a whole process to get all this stuff done. And as long as we have a couple minutes more here, I had to submit, and I told Jack about this, remember the grant we had, the 319 grant we had back in 2020. They came back to us a couple of times and said, we have to keep it open. The review hasn't been completed and blah, blah, blah. And in the end, there was \$166.50 of match expense that was put in back four years, or three years ago, three and a half years ago, that they came back saying, we need to know exactly what was done, if it was a meeting, who was at the meeting and all this kind of stuff. And I tried my best to say, what are you crazy? I mean for \$166. And they said, no, we have to have it. So, I went back and pulled it all together and it's been submitted, and I have heard nothing about what, so hopefully that will be put to bed. That's the grant where remember, we never spent all the money, which is a shame. Secretary Allison Wagner said, right, because we talked about doing another floating island and it never came to fruition. Commissioner Dale Van Nimwegen continued, it just you know I raised the issue and we talked about it, and then nothing ever happened, but it is what it is. I tried to see it because the grant was still open, whether we had access to it. The reporting is open, but not the grant, so we couldn't do anything else. So anyway. All right. While we wait for George and Dan, We've been working with we had a meeting with Tom [00:09:00] Howley, the Village Agreement, lake Mayor with Jesse Dwyer from Warwick, Barry, Cheney, Floyd, and myself, to talk through the grant application we're doing at the end of July. And we talked through a couple of things. The most important one being who would be the municipal applicant. For the grant and we hashed through a bunch of considerations and arrived at the fact that the applicant is going to be the village agreement plan. Tom Halley actually wasn't able to be there because of some personal issues that day, but I subsequently did brief him and he's in agreement with proceeding that way.

And earlier today, I gave him a draft of a resolution to put before the Village of Greenwood Lake Board, to basically put a resolution forward that says the village is going to go ahead and make this application. We're partnering with the Green Lake Commission in Princeton Hydro who's doing the technical specifications. And they the draft resolutions hasn't been approved yet. Just like the one we did in New Jersey names the commission as the project manager and says we're doing partnering going forward for this grant application. And in addition to that, Jesse quasi committed to doing inter-municipal cooperation for the grant, which helps us with the appeal of the grant to provide possibly DPW resources with the labor and so forth to qualify as match funding for the grant application as well. So, there's a bunch of things. The discussion with Warwick was a dialogue and Jesse basically said, yeah, we can do this. The other thing that he and Barry and Tom talked about was availing us of their grant writer who I think has, is up to their eyeballs because between Orange County and the town of Warwick, there's four or five applications being made in the same timeframe. So, I actually yesterday, sat down with the grant all over the place on my table dining table and tried to figure out what are all the piece parts. So, if we can't get them to help us, we'll be able to make the application, but I'm going to be calling people up and saying, I need you to go get this for me or that for me so that we can make the deadline is 4:00 PM on July 31st and there is no extension, absolutely no extension period end of story. And you can submit incomplete, but if you do, you'll lose points on the application rating we have, what they're going to rate on and incomplete is really bad. You lose a lot of points, and it would probably make us not win or secure the grant. So I'm going to need, because I can't do this all by myself I'm going to need some support going forward with that. We had the same situation. We're able to make use to a certain extent of a grant writer in, West Milford, which was helpful. So, we're going to need to do that again. So that's the deal about this grant application. ~

Dan and George, thanks for joining us. What I want to do is I was going over where we are on the app plan application for the New York monies that are being that are available to apply for through the DEC. And the application is due by 31st of July. The application we're making falls underneath water quality improvements. And it will involve certain specific things that and Kelly, I'm going to need to get some help on understanding the strict definition of planning versus not planning, like as an engineering, drawing planning or not. We don't have to do that now, but I'm going to need to have a conversation with somebody in DEP just to clarify those definitions. And the first thing I want to do is we need a resolution from the commission, to say that we are fully committed to partner with the Village Agreement Lake for the New York DEC Water Quality Improvement grant. The project we're submitting is entitled 2025 Greenwood Lake Water Quality Project, and it includes us making available in support of the grant, which has a 25% match. Includes us agreeing to contribute in kind funding for that grant. Similarly, we may, and I have to verify this, we have funding this year provided by Orange County to the tune of \$70,000. I looked at it again a little bit more, the lion's share of with which should be eligible for matching funds. I just have to confirm a couple of things. That's just research I got to do. So, what we're looking for tonight is a resolution from the commission that says we agreed to partner with the Village of Greenwood Lake to make this application, and we agree that we will act as project executive, project manager; I think it's project Executive on the grant application and assuming a successful application that would be a role we would carry forward. As it stands, now the dollars and cents payment stuff would remain with the Village, but that's something we will probably iron out as time goes on and make sure they have the resources to do it. Kelly I think you're probably going to have to abstain, but did you see the motion, the one that has in the upper right hand corner, N-Y-D-E-C, July, 2025? Commissioner Kelly Turturro said, Yes, I have that on my email. Okay. And so, any questions about that? For Dan and George before you guys joined us? What I did was I mentioned that I gave to Tom Howie today for a draft for the Village of Greenwood Lake to approve either the way I wrote it or however they modify it. And it's a resolution similar to the one that we did in New Jersey with the township of West Milford, where. The Village board authorizes the grant application to be made with the Village being the applicant and it also names us a partner and project executive on the project. And a couple other things having to do with administration of it. So, the resolution I'm looking for out of the commission tonight is to say, yes, we agree to partner and yes, we agree to make to be project executive on it as part of that partnership and we will make available to the extent we have matching in kind funding to submit, we will make that available as part of the grant application. Any questions? Commissioner George Vurno asked, is there any cost for the application to make the application? Commissioner Dale Van Nimwegen answered, No, no cost George, other than my bill for doing all the work. Haha. And if we use the consultants that are working with the Village and the Town of Warwick, they have already paid the stipends for that service and we would be able to use it under the umbrella of Warwick and or the Village, and we don't have to expend any money. Commissioner Jim Martin stated, I have a question. 25%, can that be in kind services by DPW, that type of stuff? Commissioner Dale Van Nimwegen said, DPW is interesting and that would be actually a dollar contribution because you'd say, I have Jim, who's a DPW employee and he bills out at 2

million a day, and he'd submit that. Okay. It would, it would go that way. Commissioner Jim Martin asked, can it come out of any grant? Commissioner Dale Van Nimwegen said it can't come out of the grant, no. Okay. So, it has to be Village funded, it has to be Village funded, town of Warwick, or it could be, I believe it can be county funded. They're giving us funds to do work, which will ultimately inform some of what's going to be done in this grant application. So, I believe I read it over and over again, I need a couple of opinions on it. I believe that will qualify as matching dollars as well. And if the whole amount would apply at \$70,000; I doubt it because some things are excluded, like, you know, copies and stuff like that; but the lion's share of it probably would satisfy a, a big chunk of the matching dollars we need so long as it qualifies.

And I have to research that a little bit. But if you have, if we have DPW doing any kind of work to do survey work or anything like that, we're going to chew it up pretty quickly. The matching fund amount. The second thing I need mention is there's an M-W-B-E component to this meaning, Minority women in business, Component to that, and I've researched that and I've also had discussions where I think that we're going to need some qualified DEC laboratories to do some assessment work on this. And there definitely are MWBE qualified labs that we can put forth. And if those qualifying labs are substantially more expensive than a non MWBE supplier, we are not forced to go with more expensive options. So, there's some things that we have as degrees of freedom so long as we can document it. So, any other questions about this one?

Do I have a motion? Commissioner Eric Hastings stated, I make the motion that we accept the, we do resolution.

Commissioner Jack Roe Second. ~ Roll Call ~ Motion carried. see motion below.

Now to the second one. This is relating to starting the work with the host orange County Money on the project to gather. Basically, it's to do some of the biometric work that we've already done in Belchers Creek, which is the foundational information for a dredging application in New Jersey. It's the same work and measurements and stuff that is also required for doing similar applications in New York. And also, some what I would call watershed survey work that may give us a chance to refine. May give us a chance to refine the delineation of the wetland's delineation, there's a possibility. There is a provision in, and I'm interested to see the upcoming meeting. There is a provision in the law that says a qualified consultant can, with the proper document, documentation, data and information recommend that the delineation be further refine which may allow us to do things like, you know, why should we have 30 foot of water in the center of lake sitting in, you know, a wetlands delineation. I know why they did it, but there may be an opportunity to do that. Don't know yet, but that's a possibility as a result of this work. So, we want approval tonight to execute contracts pertaining to the project that we've just defined for doing a watershed implementation plan that will be financed by the Orange County Funds, which have already been approved to the tune of \$70,000 by Orange County that I personally and Floyd verified with Barry Chaney that you know, the money is sitting there waiting for us to go spend it. And so this is a resolution to say go forward with the contracts to actually implement the plan that we put forth before Orange County and get this work done. So the dollars and cents are coming from Orange County. They are not they're not an unknown funding source. There is some work in the phase two that we envision for this particular batch of work that could, and will go beyond \$70,000, but it may not need to be done. So right now this is the authorization to proceed with the contracts to spend the \$70,000. Commissioner Jack Roe said, so, you mentioned two things we're trying to achieve here. One, by doing this piece of the engineering study, it could make it easier for us to get permits in the future. Might, might not, but it's a thing that needs to be done anyway because this is engineering work that's has to be done for a support future work that we want to do. Commissioner Dale Van Nimwegen said, Yeah, the second. And the first piece, the question is, could it be used to in any way further refine the wetland delineation, which would make other projects you know, how to go after or how to apply for those projects? Where is their jurisdiction that DEC has or doesn't have? And it may be, it doesn't matter. We got to figure that out. Commissioner Jack Roe said, but we have a better understanding to make it easier to have that discussion when those discussions come up. Commissioner Dale Van Nimwegen said Right. And if nothing else, they'll be some good mapping of the wetlands such as they exist now. And we'll have the bathymetry for those who don't know, the bathymetry tells you how much muck is sitting on the bottom, above the bottom of the land. So you know, if there's been runoff into the lake and over the years when you sell it, you've talked about stepping down and disappearing and hip buy into the buck. Well, they're going to measure that muck and map out where is it so that if you apply to be able to remove it, you're not saying I want to, you know, scrape it out of the whole east arm. You say, here's the coordinates of this limited area where the muck is so many feet deep, because typically that stuff is not uniform in depth, which we found in Belcher Creek. Commissioner Jack Roe said we should share that. I need to put it on the website. Yeah. But we should share it at another meeting, which we found in Belcher Creek. Commissioner Dale Van Nimwegen said Yeah, it is really informative to understand how it can help us do the work that we want to do. Commissioner Jack Roe said well, the interesting thing there is that the, it's different depth, different sizes. So what it allowed us to do in.

our engineering work will be, well, like, well get the money. I got to get so much money. Where should we talk the effort? We want to talk the effort. One of the characteristics is a place where you, when you have to cut a road through the woods, put that gravel and all the stuff you got to do to get there. You want to get out a lot of muck without going so far. So you say, okay, we've only got \$10, let's stick here because we'll get the most bulk dollars. Commissioner Dale Van Nimwegen said that's kind of one of the things you get out of and you're able to see like in Belcher Creek, you could see where there was, there's an area that is forming in such a way that it is gradually choking off free navigation through a particular area. And so, you know, you could conceivably see similar things where you can still navigate. But, in not too long a period of time, it's going to seriously impair navigation with anything more than a, like a foot and a half draw or something like that. You know, it depends. So, I don't, that's not what I know to be back, that's what I'm saying is possible to understand. The other thing that is part of the work that ultimately will have to be done is if you're going to try to remove some of that stuff where it's impeding on the navigation and stuff in that channel say the East Arm, if you take it out, you have to understand it's chemical composition. It's biology if you will. You know, is there any hazmat and all this kind of stuff. So part of that being able to remove it, you have to know what you can do with it, because what we don't want to do is, and, and the good news is we don't really have you know, hazardous sites here, right around the lake. You don't want to, you know, have a pile of hazardous material that sits forever because there's no place to dump, you know, to dump it according to the laws. So, you know, that kind of stuff you get to understand as well, and you'll know what's actually in that stuff. And an aside, which is, it's early in the development of this data, which impacts the lake overall as, and you've been part of some of these conversations too; The Army Corps of Engineers has been doing work, some of which is being done in Lake Hopatcong, but in other areas where they're looking at HABs differently than has been looked at before. And the thought was HABs came about by what was kind of, I'll say, floating on the top of the water column, like on the top of the lake. It's coming off of, you know, runoff coming into the. There is some early suggestion from this work being done by the Army Corps that actually HABs may be generating from what's going on with the microbiology in the muck at the bottom, depending on oxygen levels, temperatures, and all kinds of things which they are not yet at, or they're concluding that as so, but they're getting pretty close. That would mean that one of, one of the most important ways to control halves is to know, do you have that kind muck at the bottom of your water body? Because if you take it out, it's like TMTL, right? If you do these things, if you take so many weeds out, you remove phosphates going back into the lake. Well, if you remove this stuff, you're going to be removing these micro organisms that contribute to the growth of haps. But again, what I just said is really early, no conclusions have been drawn, but it's looking interesting and exciting that that may in fact be the case. And in so far as HABs go, that's great news because the future of so many lakes is bleak because the hands continuously is out of control. We luckily haven't had that experience, but there are lakes in the northeast, for example, that had have had that. So you know, some of this work, if we will have the opportunity to perform analysis on samples and sediment actually being potentially ultimately being removed, not as part of this grant application, but as part of a subsequent application. That removal and understanding what's in there may give us insight into, okay, now how should that affect HABs, and where do we need to go next because of, you know, these particular characteristics. Commissioner Jim Martin said, this is basically for the study, the sampling and the bathometric. So do we have a company in mind or, Commissioner Dale Van Nimwegen said, yeah, Princeton Hydro. At this point, they have provided all the information to construct this study. Basically, trying to create a study that parallels, it's not exactly the same what we're doing in New Jersey or we're, have been doing in New Jersey. So that from an integrated lake point of view, we'll understand certain things top to bottom, which is important. And those things are priorities in both areas, both the New York area and New Jersey area. Commissioner Jack Roe said, so, this real important that we're targeting on some things that are not just knowing things, things that are actionable. Commissioner Dale Van Nimwegen said, it's basically the east arm and the I call it the West arm and Murray's pond. Commissioner Jim Martin asked, and what about the beach area? Commissioner Dale Van Nimwegen said, this is where the bathometric, the symmetry is needed and it's basically the east arm and the west arm. and the little pond. Commissioner Eric Hastings asked, what you call in the west arm. From what to what? Commissioner Dale Van Nimwegen said, from the mouth into the lake, past DeFeo's where the road curves. It's what I would call the navigable portion of the west arm. Commissioner Jim Martin said, there's no thought to stretching that and connecting the two arms across the main lake area. Commissioner Dale Van Nimwegen said honestly, the discussion. Of that was similar to one we had when we were talking at Belcher Creek. You're talking in what's called the confluence of the lake and the tributary. We may find we'll do more into the lake, but we first need to figure out what's going on in these arms more than anything because that's where the evidence is there for the naked eye. And so that doesn't preclude, like I mentioned, a phase two of some additional work

being done based on what we find in phase one. And if I'm, supposing that we can go back to Orange County for additional funding again, for like a part two of this if we think there are additional areas to be done. Commissioner Jim Martin said And what do we have as far as Jersey goes? Just Belcher Creek Commissioner Dale Van Nimwegen said we have Belcher Creek and back through like, tributary, you know where Belcher's Creek where three Roads Deli is?. Okay. There's a creek behind there. We have stuff on that creek all the way over to Belcher Creek. We have Belcher Creek going back towards stuff on Belcher Creek going back towards Pines. Lake Pine. Pine Cliff Lake. Excuse me. Okay. It's very similar. It's what you're looking, it's not every, you know, a bit of water that's flowing into the lake. But it's where the biggest entry points are that we can see. And part of this is using some serious observation, not just, oh, look at the water flowing there, but looking at what's the water depth there to say this is an area we should study. Commissioner Jim Martin said, And this would be very similar. I mean, you can compare the data. Commissioner Dale Van Nimwegen said Absolutely. And that's, you know, one of the things that are beneficial. Somebody said to me, well, you could hire the same company to do both when you have to. Absolutely. Or eventually go to remove the materials. I don't think so, because the monies typically are separated. I, I go to great wines to keep New York money in New York. Oh yeah. They're two different animals. However, one of the biggest issues when you're removing material of the muck, one of the biggest issues of, as I mentioned, is what is in it, but finding somebody who will haul it in a locale to dispose of it. I've started to make some core inquiries about that very, very early. So I'm not prepared to talk about them tonight, but it's possible that if we uncover sites for New Jersey, for example, because they may be a little farther along and actually removing material, that that same site could be used for New York because it, it won't matter that the site where the disposal's happening has to be in New York State. The issue is, is it New York material being disposed of and then New York can pay for it, or correspondingly New Jersey pay for it. So, but the sites may be, you know, jointly usable. I don't know. You know, I'm guessing that may be the case that's further down the road; Commissioner Jim Martin agreed, way further down the road. Commissioner Jack Roe said, so just to keep things moving along, any other questions? Commissioner Eric Hastings said, I have a couple of caveats about this. On the North Arm I'd like in addition to the Bathometric survey them to make a recommendation on how to stabilize the banks, you know, where the enormous amounts of sediment are coming in. Storm drains, bank stabilization we need to take a look at what's coming down off the hill. And one more, if the data is not presented in a format that's acceptable to the grant writer, that it'll be converted to an acceptable form of data at no charge. Princeton Hydro knows how to do this. Commissioner Dale Van Nimwegen said well, it's in the spec. Commissioner Eric Hastings said. Okay, but if whoever is going to give us the grant wants it in a different format, they'll put it in that format. Commissioner Dale Van Nimwegen said Right. And there's a there's a piece of what I'll call iteration that's in there, and an example is, you know, in, in New Jersey, one lab might be on the approved list when you make the application, but then when you go to do the stuff that, that lab is no longer on the list. So those things are in there and the bank stabilization, and technically I am talking about the bathymetry and the muck on the bottom and saying there's going to be need for removal. But part of this work, if you because they're also doing a watershed survey, not full watershed survey, you know, up the mountain and stuff. They'll pick up some things that you cited and there could be a suite of projects. Some say, you know, remove sediment, some say bank stabilization here, or there's, you know, farmland that is, you know, dumping all kinds of sediment, I don't know what it is, but those are all costs. Commissioner Jack Roe said, the point is that this isn't just about, that's what we've been talking. The watershed implementation plan, which is the catch base, etc. Commissioner Dale Van Nimwegen said, and Charlie had shared with us the TMDL plan for the New York waters of Greenwood Lake. And in there is all kinds of stuff that talks about some of the things you mentioned and, and others as well. And that is an element that the work with Orange County, we're looking to update data that is driving some of the tenants or the principles or the outcome or the recommendations I should say, from that plan. And if we find information that is counter to or is says no longer an issue, or this is a bigger issue than we thought, that plan has the potential to be taken to DEC and we can say we need to update the plan with these elements. Here's the data that supports. Commissioner Kelly Turturro said, yeah, so, they will be taking the watershed implementation plan that DEC did into account as they look at potentially other recommendations as Eric laid out. Commissioner Dale Van Nimwegen said, Yes, that was one of the things that we discussed early on, not with this group, but in the discussions I had with them because I wanted to make sure that anything we already have comes to bear on what we're adding to and, and doing next. So yeah, absolutely Kelly. Commissioner Kelly Turturro said we should be using that as a launching off point and not having them start from square one. Commissioner Dale Van Nimwegen said Exactly, yes. Commissioner Jack Roe said, and I'm sure this is the same in New York as it is in Jersey. What we've talked about with all our friends at all the other lakes, what they're telling us is if you have an implementation plan and you are acting on it then, and you can say I did step one, I did

step three, I did 2 B. When you go ask for money for four C, you are more likely to get it because you act. They know that you can prove yet. So, there's a checklist. Commissioner Eric Hastings said, years ago they drenched lake Mohawk and it filled in, in within two to three years because they didn't do A, B, C, and D beforehand. They didn't take care of the catch basin, they didn't take care of the sediment runoff. We won't get any money if we don't have those things. Commissioner Dale Van Nimwegen said without a doubt, Eric, I'm a pain in the ass when we have these meetings with the variety of consultants, and you know, all of them is I always say, you know I'm only doing this because I want a shovel in the ground, so to speak. You know, I want to be in the water making changes that improve the water. I don't want to know this because I'm curious. I want to know it because I want to do something. And Jack, he's heard me say it a ton of times and, and it has been. It's part of every dialogue I have with every one of the, you know, various partners that we had, I've had it with Solitude, even talking about using solitude for the work, so yeah, we're on the same page. Commissioner Jack Roe asked, any other questions on this? So, do we have, do have motion to approve or to approve? Commissioner Eric Hastings said, I make a motion that we approve this plan as written. Commissioner Paul Sullivan motioned, Second.

#### **COMMISSIONERS REPORT:**

**Dale Van Nimwegen** – See treasury report and grant report.

**Floyd DeAngelo** – No Report.

**Jim Martin** – Nothing really much from the New York side other than the observation of many water chestnut North of the 17 A bridge. They treated in June with Clipper for mill foil and fanwort. And it has incidental damage obviously to other species and it did affect water chestnuts, but that water chestnuts were not the target. Okay. So, water chestnuts are still present in great numbers and since the herbicide doesn't go down to the seed, and the seed can produce up to 20 new stems, they're going to continue to grow over like a decade. Until you eliminate the seed bank. And that's why. At one point, dredging would be a very well thing. Greenwood Lake was supposed to have exploratory test wells dug in the north of 17 because they suspect there's a spring there that they could use to supplement Greenwood Lake drinking water. That was canceled for this week. So, I don't know the details of what happened there.

**Jack Roe** – Dale and I are meeting in two weeks with Senator Bucco and our counterparts from Lake Hopatcong. Some of the lakes get together once a month. We're going to do it on site with the Senator this month. And hopefully we'll get something out of it. Give him a tour around the lake, have lunch, and see how it goes. So then, this was a big deal for me. And it was a big activity in the lake. We just had a regatta on the south end of the lake and that was a big deal. We had had 18 boats from all over the country. It was very, very active. It was pretty, pretty looking out on the lake and it was successful. The water quality was good. No weed problems we've had for these regard in the past. So that was all, all really thing. And that's, that's my report. And thank you, Eric, for all the work you've done down in the south end. It's a big deal. Very helpful. So, Dale, you had something? Commissioner Dale Van Nimwegen said, yeah, I have two things that I just want to raise them for a future meeting. Well, one is what's happening with the open permit for hydro raking. Every time I'm within earshot of Jesse, he's hitting me up for what's going on with that. Commissioner Jim Martin said, well, Tom Hallie said that Jesse said that we really should do hydro working this year. Yeah. But I don't see that happening because maybe money, I'm not sure. Commissioner Dale Van Nimwegen said, Okay. Because we need to talk about this because it's the last year's three-year permit. It's permit and permits are hard to get. It's permittable. So, we should make use of it somehow. Right. Find money somewhere. So that, that was the one thing. The second thing is, and I think we ought to, in a future meeting, maybe in the fall get whoever's doing the planning for the specifics of what's going to happen at Browns point. Get them to come in and tell us what are they planning on doing there. And I mean not, we're going to do something at Browns point, but ramps, where they going to put them? Are they going to be facilities there? How's the, because it's going to have a material effect on the lake. We have no information available. Commissioner Jack Roe said so I will do a little work there. One of the engineers on the project is a returning from college. I found that from Eileen. So, I'll give Bill a call and see. He's not going to be, he may or may not be the right guy, but he'll know who the right he'll know who's right guy. So, I'll make the call this week, Commissioner Dale Van Nimwegen said, am I the only one who feels we ought to know what the heck is going on? We think that parking, you know, it's been described a number of ways to me and no two descriptions match, so I don't know. Commissioner Jim Martin said, yeah, I wouldn't be afraid of invasive coming to the Lake. I think we, more importantly, invasive leaving Greenwood Lake. Commissioner Dale Van Nimwegen said, So, but I think that's like a good activity for the fall when we're doing our planning. Commissioner Jack Roe said I'll give Bill a call. Commissioner Dale Van Nimwegen said one other thing, I have a lead on possibly potential university partnership for the north end of the lake with a department in SUNY, more to follow on that, as someone I know knows somebody who's in the science department. So, we could have a



Montclair like relationship with the University in New York. So, we'll see. It may not pan out. I'll let you know. Commissioner Eric Hastings said, in New Jersey there's Fay & Sun Lakes and they had ongoing dredging for years. and they just went in and they, you know, they worked at a very leisurely pace. They just kept doing it and doing it and doing it. And that is something we may consider. Commissioner Paul Sullivan said they had a lot of on the arm because of 287. Yeah. They went in there because of the great gravel in there. I also had them on my lake, hesitant, and we had too much muck, but they would've dredged the whole thing for nothing. Just to take the gravel. Commissioner Eric Hastings said, well, if we could, we may consider what it would take to just have an ongoing dredging plan. Commissioner Dale Van Nimwegen said, I just wanted to get one going, we want two. One in New York and one in New Jersey. Commissioner Jim Martin asked, does the DEP or how are they with dredging? Commissioner Dale Van Nimwegen said, same. Commissioner Paul Sullivan said, it's removal of material, disturbing. It's getting permission to remove it, then they're going to test it, and then you have to find a site. Two things which are horrible. If they take it, if they test the stuff that's down there and find out whether it's toxic or what etc. Commissioner Jack Roe said, well, they're doing all the measuring stuff we just talked about. Right. Then they go to the DEP and the DEP tells us, do a core sample here, a core sample here, and a core sample here. Test this and test that. And you have to test for these things, all these certain chemicals. Or whatever those chemicals are, tell you how you have to treat it, which is how much it's going to cost. And the impressions from the experts that we're getting, they're not expecting. I mean, and if they're the kinds of problems that we might have. Cost a couple of bucks to get rid of or something like that. There's techniques for this stuff. Commissioner Dale Van Nimwegen said, so, we don't have any signs of a Superfund site. So, it isn't over until we get the final numbers. But nothing has been found that we've been told about at this point.

**Paul Sullivan** - Going back to the weeds just for a second. Say this year we spend about \$30,000 on the weeds. I anticipate next year we should look at it slightly differently and double our cost to \$60,000. We currently, there's several different medicines that you use, the kill weeds. One is reward, which will we're presently using in the south end? I don't know about the North end. Besides rain rules or regulations are tremendously different. And I would recommend the use of Sonar because Sonar is not a contact like we're using. We have to wait till the weeds are a certain height. Hit them, like you said, they turn brown. It's a huge biomass. You use "Sonar", you can do it when they're much lower and a month earlier and you hit them and it's less biomass. I've been saying this for a couple of years. Sonar is the name of the product. And I use it and using it for 12 years or already. Commissioner Dale Van Nimwegen asked, is it like heavier than water, so it sinks? Commissioner Paul Sullivan said, no it's contact. It kills it on contact. This is systemic. It goes into the roots. So, you can do it when the plant is small. That's what the guy who does us, he uses that at my lake. Commissioner Jack Roe said, but it's more expensive. Right? Commissioner Paul Sullivan said, double the cost. Commissioner Jack Roe said double cost of material, or you're saying double cost of the project. Commissioner Paul Sullivan said, instead of being \$30,000, we're going to pay \$50 or \$60,000. Commissioner Jack Roe said, what we did this year is we started, we are waiting for the weeds to come up. Then we got bad weather, so then we had a delay, then we got a delay, then we got a delay, and then it was a mess to clean up. If we do solar, you do this so early that even if there's some weather stuff is still, or it's got all the benefits. Commissioner Dale Van Nimwegen asked so, is the product heavier than water, therefore, it sinks to the roots. Is that the way it works? Commissioner Jack Roe said, No. The way it works biologically is different as well. Commissioner Paul Sullivan said, when treated earlier and you're going to have less of a mess and less, less floaters around, then less complaints. Commissioner Dale Van Nimwegen asked so, when we have a drawdown, can you treat the bottom? Commissioner Paul Sullivan said, it's like when you have a draw down do the seeds, freeze and die. I'm just saying that's an example. Commissioner Dale Van Nimwegen asked can you treat that, is there some benefit to that? Commissioner Paul Sullivan said, they have to be growing. The other is I've been on the lake quite a bit even though the weather sucks and the geese problems seem to be increasing again, I don't know. I saw a lot of geese on the arms. I saw a lot of goose poop trying to get The Emerald and we have to start considering the increase of the addling of the eggs and possibly another capture next year. So, we'll have to put some money aside for that. The other is you know, the water chestnut, which I observed all over, haven't heard water, chest any place until this year. And then going, went all the way up the creek to the one bend where it gets it. Like Eric said, oh, the shore all on boats. I don't know how some of these people are going to get the votes out, but I don't know if it makes any sense. Eric and I were talking earlier, just a general letter to at least the lake front owners and possibly some flyers that the marina saying and describing where the chestnuts with a picture to take it out and because it's an emergency situation, like Eric said. Commissioner Jack Roe said, could we do something like that with

the papers as well? Commissioner Dale Van Nimwegen asked, are you suggesting to be done this year or next year or right now? Commissioner Paul Sullivan said tomorrow. Yeah. Just put it out and tell people, pull it out because I come back on my jet skis loaded with them and, you know, the roots are a mile long. And the other is you know, I think Dan and Jack did a great job with West Milford, you know, helping out with trucks and manpower. But I just think West Milford's, somehow we have to, you know, get Mayor Dale and other people on board, you know, somewhere they got to come up with like a hundred thousand dollars in cash for the lake, for treating the weeds, for treating the water chestnuts because they're falling behind in their obligation to Greenwood Lake. I mean, if the county can at least give \$30, \$40,000 and if Warwick can. You know, West Milford, if they just took some of tax payers monies, all these people paying along the lake, which is a hell of a lot more lakefront property you guys are paying than a guy across the street, you should get some of that money. Just suggestions. Commissioner Jim Martin asked, Kelly provided the five years of what herbicides were permitted to in the New York end of Greenwood Lake. So now we have a record of that. I'd like to get the same from New Jersey, so we can have one database. Commissioner Jack Roe said, Allison probably is the most likely to have all of the bills from previous herbicides treatments. Commissioner Jim Martin said, I'd like to just start a database with that. So, if herbicides lose effectiveness, we'll know it across the whole lake, not just take the borders here. Commissioner Jack Roe said, that's a really good thing. I know we used the last two years, but I'm sure it's in the report to get at the end, right? Commissioner Jim Martin said, well, let's just put it in one Excel spreadsheet and if we see some changes and we think there's strains becoming and so we're on it. Then we'll just share that information. Commissioner Paul Sullivan said, just one other thing I'll throw out that we're using and I don't know how it's going to work, but its in my lake and it's electronic machine not a machine but a type of wand. I got one coming from my property out 300 feet. We put four in our lake and it shoots out radio waves killing the algae supposedly I'll report back in next year, let you know how it works, but again, there's \$6,000. We just spent \$30,000 on them. Commissioner Dale Van Nimwegen asked, do you know the name of the name of the product? Commissioner Paul Sullivan said I will, I'll get back to you with it. Commissioner Eric Hastings said, they are all over Short Hills Reservoir. We're trying, we're trying one. Just let us, last year, one guy told me that he thinks it's working.

**Dan Sullivan** – No Report.

**Jessica Kruegel** - No Report.

**Kelly Turturro/Ingrid Haeckel** – No Report.

**Eric Hastings** – We spent a lot of time with weed harvester. Doing between areas where the herbicides did not work so well between Storms Island and the Shoreline New Jersey. Now you're talking New Jersey. Yeah. Between Storms Island and the Shoreline Greenwood Lake Beach Association. And around the south end, south shore, marina was just inundated, inundated with algae. They have water chestnut, not as bad as the rest of the lake. They have them. People were so happy to see the weeds being taken out. I thought I broke the machine. We got so many weeds, so many weeds came up that they jammed under the pilot house they sit on and it jammed and the conveyor wouldn't work. I'm like, what the heck? I thought I broke it and I called Brandon from the Village and said, look, I said things not working. As I'm looking, it was, it was coming up in like a monsoon of weeds. Commissioner Jim Martin asked, what type of weeks? Commissioner Eric Hastings said it looks like a lot of it was milfoil. A lot of like long stems. I don't know which one's. Commissioner Paul Sullivan said, probably curly pond. Commissioner Jim Martin said Okay. Commissioner Eric Hastings said, long and stringy, we're using herbicides and everything is dropping to the bottom, but if I drop a load of the weed that we pulled in front of anybody's house, you wouldn't, you would have no water. It would be, it would breach the surface. I don't care if you're five feet deep where you, where you live, it would breach the water all the way around your, your yard. It was so much biomass. I can't begin to describe it to you. Load after load, West Milford took it. We Elena let put the conveyor over at her marina at the old Happy Landing and we took it up there and then we took some, we moved it to Browns Point and we've been working out of there. So, Elena has been very good to us as far as that goes. And we left her site and Immaculate. The people on Storms Island are thrilled. People at Greenwood Lake Beach Association are thrilled and, and we fussed a lot around South Shore Marina because they're letting us keep the stuff there, the equipment there. So, we fussed around the marina quite a bit, which actually is good because they the water chestnuts are there. Jack and I went out about a month and a half, month and a half ago, six weeks ago, and there at the mouth of Belchers Creek and there was a water chestnut over there and one over there. This is great. We don't have a problem. I went with a weed harvester. It was, it was covered. You couldn't walk. It was a disaster. It was like a plantation of water chestnut. Looks like a green field you can walk on. Commissioner Jim Martin

asked, do they have the nuts on the bottom of them yet? Commissioner Eric Hastings said, a lot of them. Not all of them. Commissioner Jim Martin asked, did you notice any flowering yet with the white flowers? Little white flowers? Commissioner Eric Hastings said No. No. I didn't notice that. Commissioner Jim Martin said that's good. Commissioner Eric Hastings said it grew in the month that separated. Jack and I go in there into this past week or two. It grew, this is an emergency situation. It's going to cover the south end of the lake because they're on the Greenwood Lake Beach Association. They're in south shore. They're in the mouth of Belcher's Creek. This is an emergency situation. It's going to cover the lake just like it's going to cover the north arm. If we don't proceed with the three or four things in Jim's plans. The water is six inches deep. The wall that we have at Browns Point, I think we should send a letter to the fishing game is eventually going to put a launch ramp there, whether we're in favor or against it, it doesn't matter. They're going to put one there. We know that. I think we should include a couple of things. One, a permanent home for the conveyor in that area. I think we should ask them for that. A permanent section where we can put the conveyor. That's the most convenient spot and I think we need to stack rocks up on the farmer's wall that goes out diagonally from the mount from Browns point out to the mouth of the creek. We have a wall that sits right now it's only, you know, it's about a foot below the surface, so it makes it very difficult to want to work in that area. The wall is working for several drawdowns. We've dredged behind it. The wall acts as a coffer dam that collects the sediment coming down, and it works very well. But now it's, it's only six inches deep on the up-creek side of the up-river side of the wall. This drawdown can't come soon enough for us to clean that for the West Milford usually has cleaned it out. This draw-down can't come fast enough for us to clean behind that wall. It's only six inches deep. I can't get into a lot of the areas with the weed harvester, areas I used to be able to and water chestnuts. It's a disaster. And the turtles, it, it interfered. There's an abnormal amount of turtles. As funny as it sounds, they were everywhere and I had to keep, yeah, it's a lot of, a lot of turtles. I had to keep running the conveyor backwards to get them off a lot enough that it interfered with the job. Commissioner Jim Martin asked, were they snappers or painters? Commissioner Eric Hastings said, I saw a lot of painters. I saw snapping turtles and one was a monster. So, I think we should stack up, I think we should make the farmer's wall bigger. We left it when we did some work there a couple years ago. We left it purposely to collect the sediment and it was working. I think we should do it. It'll also help with people going up and down. Inevitably people hit it and mess the props off their boats. People go up and down and everybody tries to cut out from Brown's Point and they hit there. Commissioner Jack Roe said, yea, I really got to move the buoys again. Commissioner Eric Hastings said, but we should build up a little bit higher. Commissioner Jack Roe said, that's, we should be talking about for the next draw down, like a year from now as we're heading into the next drawdown, so we can start talking to Jay and talk to all the people. Commissioner Eric Hastings said even if we stacked it up like they do jetty's down the shore. It is working. Yeah. It's, it's working, but now it really is way beyond needing to be clean. Commissioner Jim Martin asked do you still have the harvester in Jersey then? You still using it? Commissioner Eric Hastings said Yeah, we do; I talked to Tom and Brenda today. They just want to know when they can have it. We can keep it as long as we need to. Matt has jumped on it and used it around South Shore Marina. I've used it all over the south end of the lake up to the islands. Nothing over between Fox Island and the shoreline. I did go there and I talked to all the marinas and everybody said everything is okay.

We don't need anything. When I called South Shore, they were like, yeah, please come down here. And I was shocked how bad it was. Commissioner Jim Martin asked do you have an estimate of how much longer you'll need it? Commissioner Eric Hastings asked what weed comes up in August? Secretary Allison Wanger said I think Milfoil. Commissioner Jim Martin said what weed don't we have in August? Commissioner Eric Hastings said we could use it, but we could get it back. It's not like we can't get it to you. Commissioner Jim Martin said I'm just curious. Well, we can't use it in the New York anyway. Commissioner Jack Roe said, the harvester now is a village asset. Right. So, we're borrowing it. We really appreciate it. But when you guys need it, it's available on a moment's notice. Commissioner Jim Martin said the alternative is also we have permits, the do a second treatment and a third treatment herbicides. That seems to be more effective in the shallow areas than the harvester was because the harvester really can't get right up to shore. And that's the problem with the chestnuts. The ones you leave right up against the shore get you next, are just going to come, you know, spread again. Commissioner Eric Hastings said we're having a problem, and we knew this 20 years ago, Steve DeFeo talked about it, Ella talked about it, is that we're going to keep using herbicides and they're effective, but the biomass is accumulating on the bottom of the lake and that's the problem. It's getting so shallow. Commissioner Dale Van Nimwegen said, the difficulty though, for the village this year is it was unusable, right. From the reports that we got from the folks who were here at the meeting and so forth. Commissioner Jim Martin said in a perfect world, we do the herbicide, we do the harvester, but then not wait as long until it sinks. When it starts turning brown. Commissioner Eric Hastings said I want it in the minutes that I'm saying at this meeting,

we're putting too much biomass on the bottom. Commissioner Jim Martin said, Oh yeah. I totally agree. Commissioner Eric Hastings said, and Jim agrees. I think everybody agrees, but what are our options? Commissioner Jack Roe said, so in this big picture, you described it to me the other night, is get the herbicides on. You just said it too. Get the herbicides on, because that's the only way that's complete. And we've done this with the harvester and it's going all year. And we have weeds all over the lake. We do the herbicides. The lake is really pretty clear. The lake is beautiful right now, but if we can, if we can combine those two things, we're doing a harvester, we're doing the herbicide. Then get out there with the harvester. Commissioner Jim Martin said, don't, wait. After the herbicide, don't wait two weeks. Three or whatever it takes for them to sink. Wait a week, they're turning brown already, so once they turn brown, you can start collecting. Now the herbicide is affecting the whole plant down with the roots. Commissioner Jack Roe said, now we got to learn with this, this is a like an amateur theory, right? We have to learn whether this is really a good idea, but it seems like a good idea. Commissioner Jim Martin said, I mean, we could do certain areas one way and do it another way in a different area and then compare them the next year, and say did it work? Commissioner Jack Roe said, something like that. But I think we already know because we've done just about everything me. We've been talking about this and at least from my perspective, it didn't even seem to me like we had a plan for doing that, it just kind of happened. Right. But let's make a plan to do it that way. And tightening the window helps. There's a lot of, we still work on it, probably a lot more things like that to improve the effect. Commissioner Eric Hastings said, and this is a conversation that's been going on for 20 years when Victor Lugmire comes here and says how he used to water ski in the north arm. You know, it was 10 or 15 feet deep. I used to be able to dive in the early eighties. I could dive off the dock. I lived next to South Shore Marina, but we could dive, it was 10 feet deep. You know, we've had this conversation for 20 years, 25 years. And it's the same. The sediment, the runoff, the storm drain runoff, the weeds. The biomass from the weeds is now the main. So, we all know the solution. And at Brown's Point, when this draw down comes, we bulk, not bulkhead it, but two drawdowns ago, we put rocks when Jerry Storms was here. We put rocks around the perimeter and that helped a lot. And the dirt built up. But the rocks, the ice has taken them away. It wasn't really an official thing, we just did it on the qt. But that in a heavy rain, you can see you know, the trenches where the water leaves a mark, the runoff marks, and the sediment just goes right into the lake. During this next drawdown, we need to think about bulkheading Brown's Point around the whole perimeter to stop the sediment from going in. And only a foot, two feet high. Commissioner Jack Roe said, I would think, whatever the program is they're going to do there is going to include all kinds of things like that. Commissioner Eric Hastings said, I have some receipts for fuel for the harvester. Total about \$85. Anybody have a problem by submit these? Commissioner Dale Van Nimwegen said no, not at all. And then what I'll do, Eric, is I need you to do what's called an attestation. I'll take these, I'll send you something. You say, yes, this was Greenwood lake of blank, blah, blah, blah. And send it back to me. And then I pay them. That's how I do it. Secretary Allison Wagner said, just speaking about the drawdown, we are six months away from the first public meeting. It's January 2026, so if we want an outline of what we want to propose during the drawdown, it's something to start doing soon. Commissioner Dale Van Nimwegen said another meeting. Secretary Allison Wagner said, right, I just put it on the horizon. Commissioner Jack Roe said, what I said let's do that a year from now. We probably need to do it way before these plans. Secretary Allison Wagner said agree, way before. The public meetings are January and February one in each state. And there are people who push back who don't want it. So, we got to really make it worth it.

**George Vurno – No Report.**

## **OLD / NEW BUSINESS**

### **Correspondence:**

**NJ GRANT UPDATE PROVIDED BY COMMISSIONER VAN NIMWEGEN:** So, I want to talk for a second about the million-dollar grant I had mentioned. The Providence Bank balance you see there of negative \$43 actually is a misnomer. There's no negative bank balance. What that shows is, when we pay all of the bills with the \$350,000 advance and the other stuff, we are still behind by \$43,000 because I've submitted another round of things to approve and have the cash. And I projected that cash being received in the next 30 days, maybe 45, which will give us some positive impact on transactions for some other billing that's coming in. And the projected cash and bank, remember that's not really cash and bank, that's really just the balance on the grant. Is we still won't have about \$40,000 worth of money to cover, but that will be forthcoming probably in a 60 day window as opposed to a 30 day window before our next meeting.

### **Water Monitoring:**

**Belchers Creek:**

**Browns Point:**

**Miscellaneous:**

**PUBLIC INPUT:** Michelle Shanker: I would like to voice vehement opposition to a lethal goose roundup that was mentioned by Commissioner Sullivan. Just because there's a lot of goose poop on docks does not mean a government body has to round up and kill all the geese. I noticed there is an aid from Senator Skoufis's office online. I'd like to explain what a lethal Goose Roundup is in case they're not aware. It is the commission paying about around \$20,000 to round up and kill every single goose on the lake in the name of getting rid of goose poop. We already have a program which controls the goose population. It is called the Committee for Human Geese Control. We have been adding every year, and I just want to voice again, vehement opposition, and I think I speak for a lot of the community to a lethal goose roundup. Thank you.

**ADJOURNMENT:** There being no further business to come before the Commissioners, the Meeting is called to adjourn by Commissioner Dale Van Nimwegen and Seconded by Commissioner Jack Roe, all voiced in favor.

**IMPORTANT DATES:** Next meeting is August 19, 2025 @ The Senior Center, Village of Greenwood, NY @ 7pm

**MOTION & RESOLUTION**

- 1) Commissioner Dale Van Nimwegen motioned that we move to approve the June 2025 minutes as distributed. Commissioner Floyd DeAngelo seconded; All in favor: Yes, Approved.

NAME	YES	NO	ABSTAINED
Floyd DeAngelo NY-Chair	X		
Paul Sullivan	X		
Dale Van Nimwegen	X		
George Vurno	X		
Eric Hastings	X		
Jessica Kruegel			
Kelly Turturro/Ingrid Hackle	X		
Dan Sullivan	X		
Jim Martin	X		
Jack Roe	X		

- 2) Commissioner Dale Van Nimwegen motioned, Be it resolved that the Greenwood Lake Commission approves execution of contract pertaining to NY Orange County project for Watershed Implementation two-phased plan to be financed by Orange County funds already approved and designated for project by Orange County legislative body.

NAME	YES	NO	ABSTAINED
Floyd DeAngelo NY-Chair	X		
Paul Sullivan	X		
Dale Van Nimwegen	X		
George Vurno	X		
Eric Hastings	X		
Jessica Kruegel			
Kelly Turturro/Ingrid Hackle			X
Dan Sullivan	X		
Jim Martin	X		
Jack Roe	X		

- 3) Be it resolved that the Greenwood Lake Commission approves Greenwood Lake Commission full commitment to partner with the Village of Greenwood Lake for the NYDEC Water Quality Improvement Grant entitled 2025 Greenwood Lake Water Quality Project, including making available a portion of the in-kind match contributions required in the application.

NAME	YES	NO	ABSTAINED
Floyd DeAngelo NY-Chair	X		
Paul Sullivan	X		
Dale Van Nimwegen	X		
George Vurno	X		
Eric Hastings	X		
Jessica Kruegel			
Kelly Turturro/Ingrid Hackle	X		
Dan Sullivan	X		
Jim Martin	X		
Jack Roe	X		

Name	Attendance 2025	Reports Given 2025	Name	Attendance 2025	Reports Given 2025
George Vurno	1/12	0	Eric Hastings	5/12	2
Dale Van Nimwegen	7/12	7	Floyd DeAngelo	7/12	4
Paul Sullivan	3/12	2	Jessica Kruegel	5/12	5
Dan Sullivan	6/12	4	Kelly Turturro/Ingrid Hackel	7/12	7
Jack Roe	7/12	7	Jim Martin	6/12	6



Steven M. Neuhaus  
County Executive

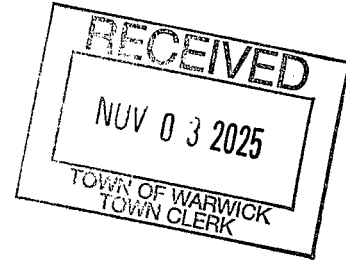
**ORANGE COUNTY  
DEPARTMENT OF PUBLIC WORKS**

Erik Denega, P.E., P.M.P.  
Commissioner

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**ROAD CLOSING NOTICE**

**PULASKI HIGHWAY  
(COUNTY ROAD 6)  
TOWN OF WARWICK  
COUNTY OF ORANGE**



The undersigned Commissioner of Public Works of the County of Orange does hereby close all that portion of County Road 6 (Pulaski Highway) in the Town of Warwick, Orange County, New York. **BEGINNING** at a point just south of the intersection of County Road 6 (Pulaski Highway) and Sidoti Lane and runs **THENCE** in a southwesterly direction along said County Road 6 (Pulaski Highway) approximately 700 feet (0.13 miles) for the purpose of allowing the Orange County Department of Public Works, its agents or contractors, to excavate, repair, pave and do all such work as required in connection with the "Replacement of Culverts on CR 6" on said County Road. Said closing being effective by the conspicuous posting of "Road Closed" signs on or about **November 3, 2025**.

Said county road will be closed to all through traffic for a period of approximately **Nineteen (19) days** in accordance with the provisions of Section 104 of the Highway Law. Appropriate traffic control devices, in accordance with the provisions of the National Manual of Uniform Traffic Control Devices (MUTCD), and the New York State Supplement, will be in place and detour routes will be prominently marked. In the case of inclement weather or other unforeseen problems, this period of time may be extended as needed.

Normal through traffic using this portion of County Road 6 (Pulaski Highway) should use alternate routes or signed detour routing that will utilize County Road 42 (Cross Road) County Road 37 (Pellet's Island Road / Maple Avenue), County Road 12 (Lower Road) and County Road 1 (Pine Island Turnpike).

**DATED: October 23, 2025**

**ERIK DENEGA, P.E., P.M.P.  
COMMISSIONER**

**Detour Directions for CR. 6 (Pulaski Highway), Town of Warwick:**

**Traveling Southwest on County Road 6 (Pulaski Highway):**

1. At the intersection of County Road 6 (Pulaski Highway) and County Road 42 (Cross Road), turn right onto County Road 42 and proceed northwesterly for approximately 1.1 miles to its terminus at the intersection with County Road 37 (Pellet's Island Road / Maple Avenue).
2. Turn left onto County Road 37 (Pellet's Island Road / Maple Avenue) and proceed northwesterly for approximately 2.1 miles to its terminus at the intersection with County Road 12 (Lower Road).
3. Turn left onto County Road 12 (Lower Road) and proceed southwesterly for approximately 5.9 miles to its terminus at the intersection with County Road 1 (Pine Island Turnpike).
4. Turn left onto County Road 1 (Pine Island Turnpike) and proceed southeasterly for approximately 3.2 miles to the intersection with County Road 6 (Pulaski Highway).

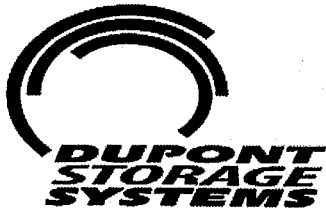
(End of Detour)

**Traveling Northwest on County Road 1 (Pine Island Turnpike):**

1. At the intersection of County Road 1 (Pine Island Turnpike) and County Road 6 (Pulaski Highway), continue straight on County Road 1 (Pine Island Turnpike) and proceed northwesterly for approximately 3.2 miles to the intersection with County Road 12 (Lower Road).
2. Turn right onto County Road 12 (Lower Road) and proceed northeasterly for approximately 5.9 miles to the intersection with County Road 37 (Pellet's Island Road / Maple Avenue)
3. Turn right onto County Road 37 (Pellet's Island Road / Maple Avenue) and proceed southeasterly for approximately 2.1 miles to the intersection with County Road 42 (Cross Road).
4. Turn right onto County Road 42 (Cross Road) and continue southeasterly for approximately 1.1 miles to its terminus at the intersection with County Road 6 (Pulaski Highway).

(End of Detour)





11/30/2025

Melisa Stevens  
Warwick Town Hall  
132 Kings Highway  
Warwick, NY 10990

Dear Melisa,

Thanks for contacting Dupont Storage Systems and the time you spent working with me on your project needs. We have completed the design for the shelving system that can store highly valued material. I am pleased to present the proposal for the system.

Below are the pricing details for the items we will be supplying:

Shelving System  
Row of (5) units @ 42" long x 32" deep x 76" high (6 openings)  
Project Price: \$4,820.00

Color: 70 Obsidian

Prices include equipment and freight. Customer to receive and build units.  
Area must be clear and ready for new equipment.

We look forward to working with you on this project and servicing all your storage needs.  
Please contact me with any questions at any time.

Sincerely,

Ronald Keith  
Dupont Storage Systems  
203-206-1958

---

Customer Approval

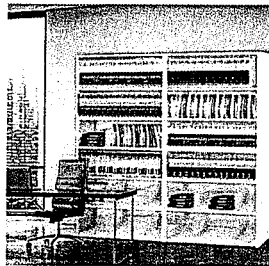
Date

# More Styles for Many Applications

Aurora Shelving comes in many styles for general storage, filing, wide-span, and library applications and also has flat files for archival and museum applications. Choose from a variety of accessory items such as doors, drawers, reference shelves and more to customize Aurora Shelving. Most types are also available as mobile ready for installation on Aurora Mobile Carriages to make a very space efficient high density storage system, saving as much as 50% of floor space or storing 100% more.



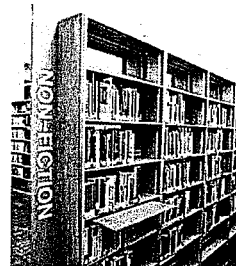
Quik-Lok Shelving



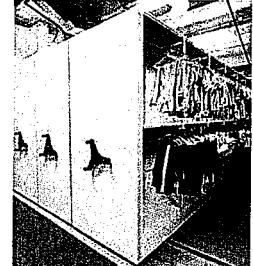
Standard Shelf Filing



Wide-Lok Wide Span



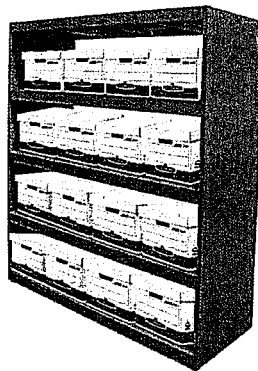
Library Shelving



Mobile Ready Shelving

## Wide-Lok Wide Span

Our Wide-Lok Shelving assembles with minimal tools and has Special Beam and Stabilizers that allow for a wider span for weight loads from 1100-1800 lbs. for 1800 Series and 510-1100 lbs. for 1100 Series.



Aurora Wide-Lok™ Wide Span Shelving provides a strong, durable storage solution for larger and heavier objects such as:

- Bankers Boxes
- Military Ready Bags
- Museum Artifacts & Sculptures
- Bulk Storage
- Large Police Evidence
- Retail Goods

## Flat Files

Aurora's heavy-duty welded flat files feature ball bearing slides and smooth drawer interiors with no catch points to harm material being stored. They are used for all sorts of storage including:

- Archives
- Maps
- Prints, Drawings
- Textiles
- Photos
- Posters
- Manuscripts
- Historic Material

## Features

- 2" Drawers with 100 lbs. Capacity
- 5 Drawers per Unit
- Easy Glide Drawers with Dual Chrome Pulls
- Standard Label Holders
- Optional Floor Bases, 4" or 20" High
- Stack 3-High or Mount to Mobile Carriages

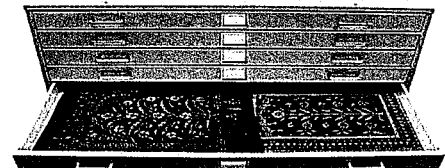
### SHELVING SIZES

Heights*	Widths*	Depths
40¼", 64¼", 76¼", 85¼", 88¼", 97¼", 100¼", 121¼"	24", 30", 36", 42", 48"	9", 10", 12", 13", 15", 16", 18", 20", 24", 26", 30", 32", 36"

\*Custom heights in 1/2" increments or custom widths in 1/2" increments.

### WIDE-LOK SIZES

Heights	Decking Widths	Decking Depths
40¼", 64¼", 76¼", 85¼", 88¼", 97¼", 100¼", 121¼"	54", 60", 66", 72", 78", 84", 90", 96"	15", 18", 24", 26", 30", 32", 36"



### FILE SIZES

Height	Widths	Depths
15½"	40½"	28½"
15½"	46½"	35½"
15½"	53½"	41½"

# AURORA QUIK-LOK SHELVING

## More Colors and Designs

Aurora Quik-Lok Shelving is available in 31 elegant colors and unlimited custom colors to create the look you want, or to blend with the space you already have. Eight beautiful colors are offered for quick ship on the XPRESS program.

### Where Design Meets Science

A special Gloss-Tek™ finish incorporates antimicrobial properties for a healthier environment.

### End Panel Design Options

End Panel options include steel, laminate, and Wood-Tek™.

Wood-Tek End Panels are available in cherry or maple in four beautiful stains or in custom stains and woods.

Order End Panels in standard laminates or slat wall for display purposes.



Gloss-Tek Colors

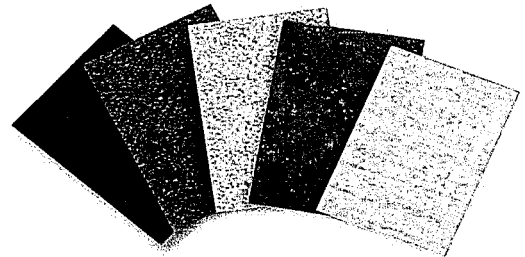


Slat Wall

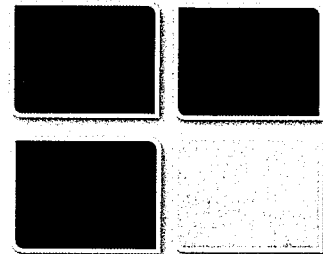


Laminates

Laminates



Wood-Tek



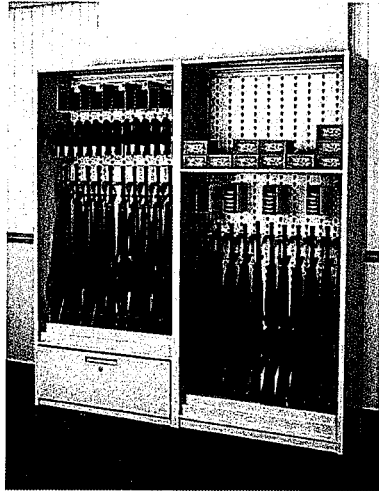
### Our Environmental Pledge

We use environmentally friendly Gloss-Tek™ powder coat finish on our Aurora Quik-Lok Shelving. This finish is 100 percent non-emissive; free of formaldehyde, methanol, and other solvents; and completely friendly to artifacts, specimens, and documents.

No wonder we say that with Aurora, any color you choose is "green."

# AURORA QUIK-LOK SHELVING

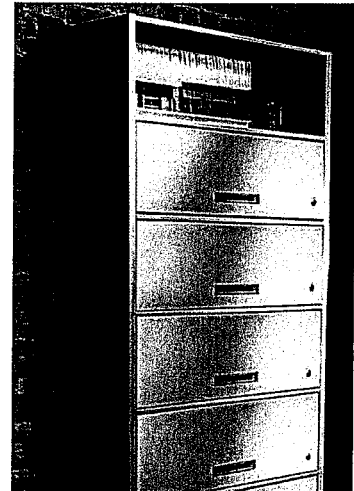
## Accessories



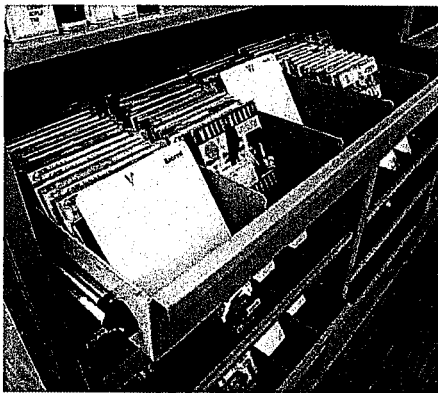
Gun Racks



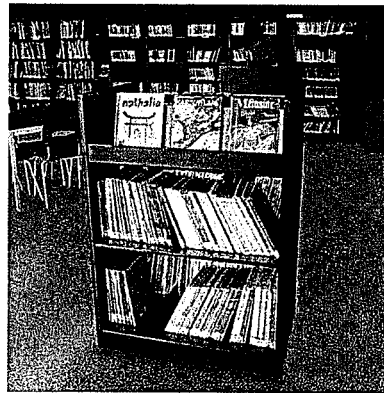
Bin Dividers



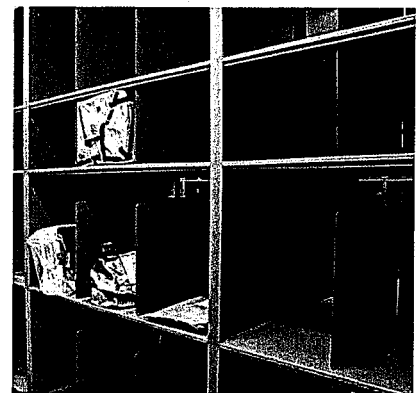
Retractable Doors



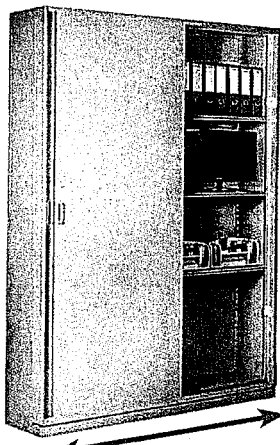
Browser Boxes



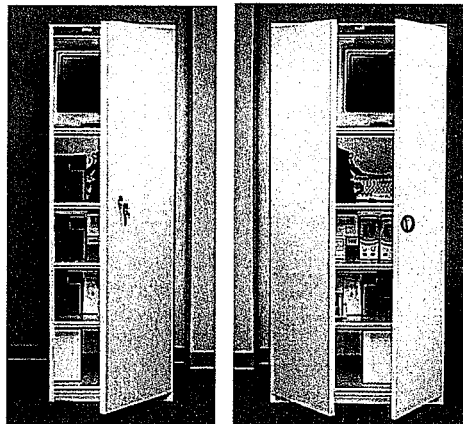
Library Display Shelving



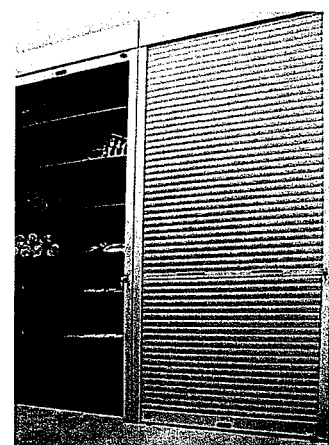
Extended Height  
Adjustable Dividers



Sliding Doors



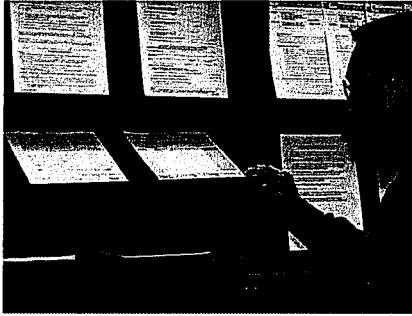
Single or Double Quik-Doors™



Quik-Roll™ Doors

# AURORA QUIK-LOK SHELVING

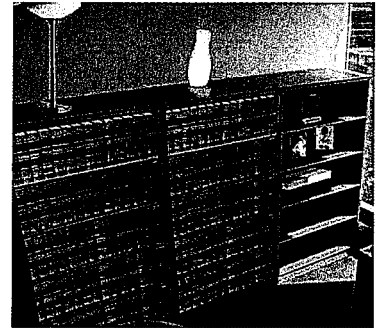
## Accessories



Magazine Doors



Special Brackets  
for Hanging Media



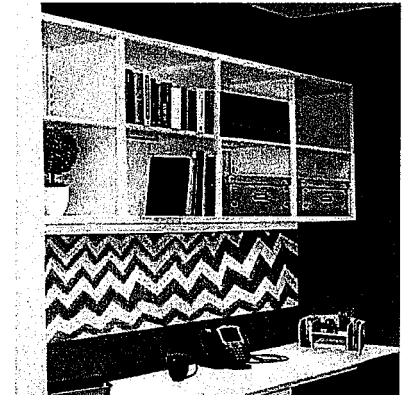
Bookcases



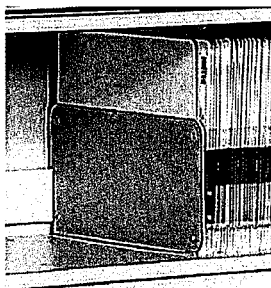
Workstation Units



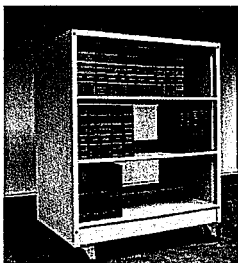
Reference Shelves



Wall Mounted Units



File Dividers



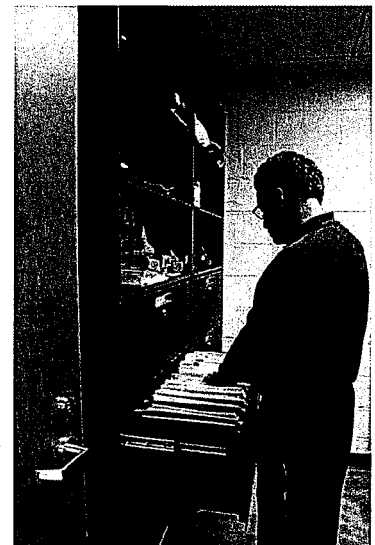
Library Carts



Filing and Divided Drawers  
(shown with optional  
Electronic Keypad Lock)



End-Stor™



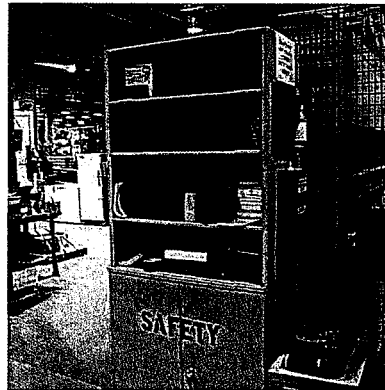
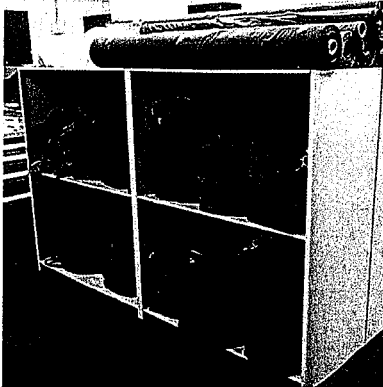
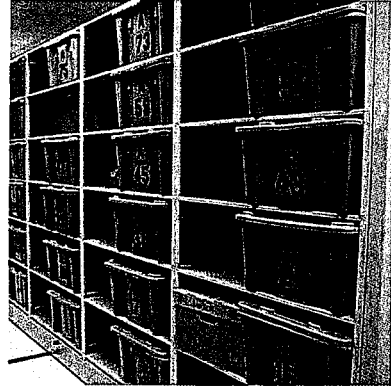
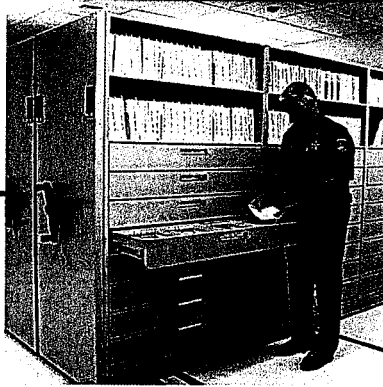
Combination Units

# AURORA QUIK-LOK SHELVING

## Applications

### Government, Military, and Law Enforcement

- Weapons Storage
- Parking Tickets
- Fingerprint Cards
- Evidence Storage
- Ready Bags
- Uniforms



### General and Light Industrial

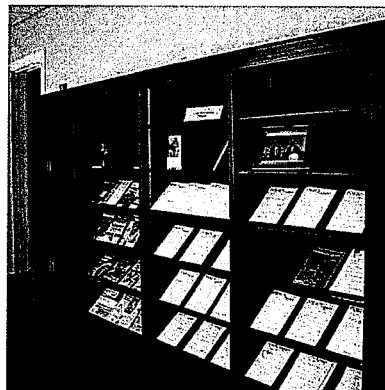
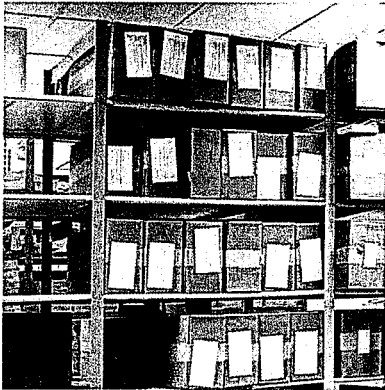
- Stock, Small Parts
- Warehousing
- Distribution Centers





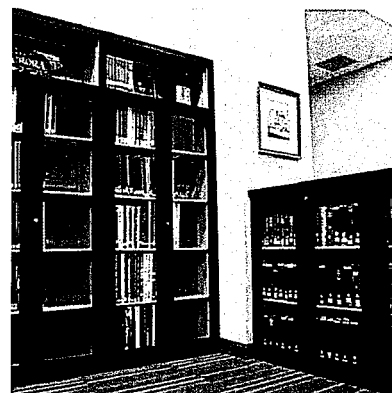
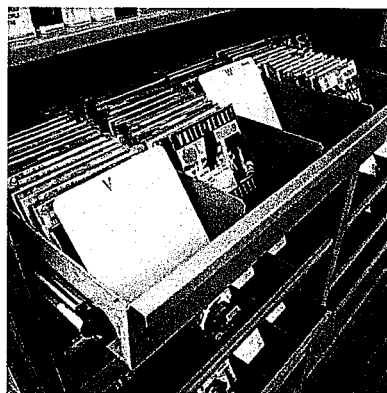
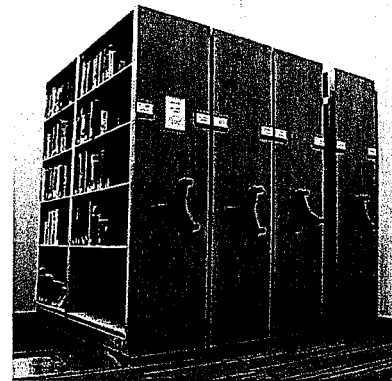
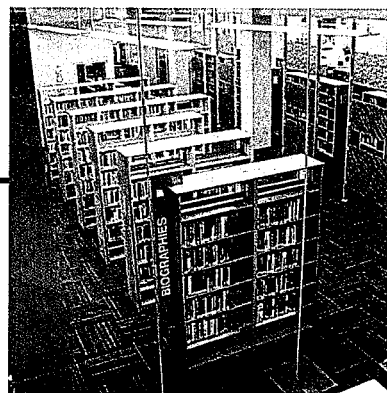
## Hospitals, Clinics, Pharmacies, and Veterinary Centers

- Medical Records
- Pharmaceuticals
- Samples
- Bulk Storage
- Uniform Storage
- Waiting Rooms



## Libraries

- Reference Material
- Book Display
- Periodical Display
- Browser Boxes
- Collections

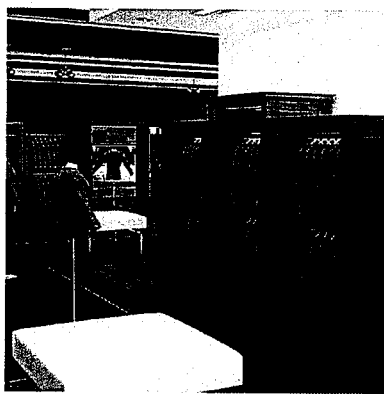
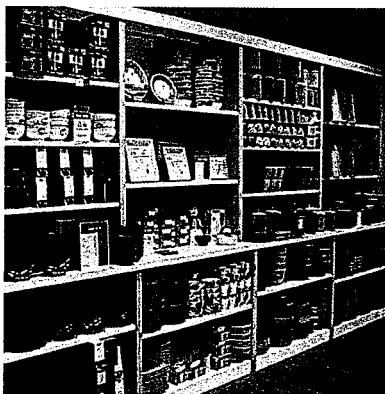
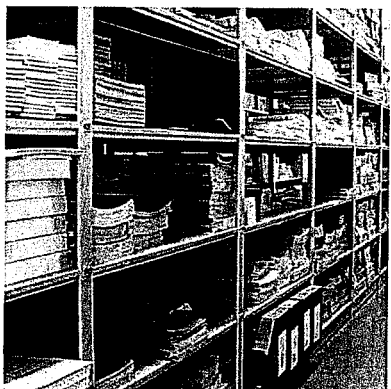
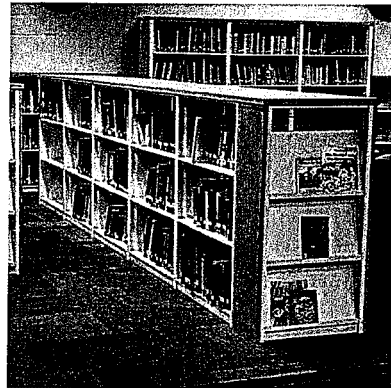
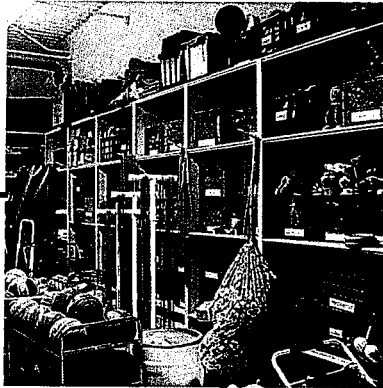


# AURORA QUIK-LOK SHELVING

## Applications

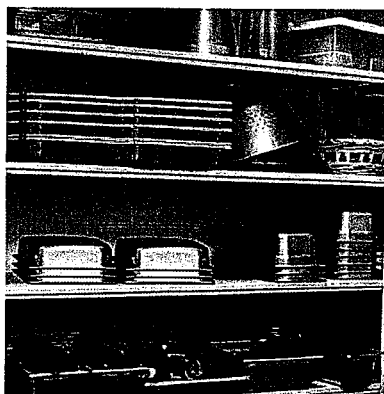
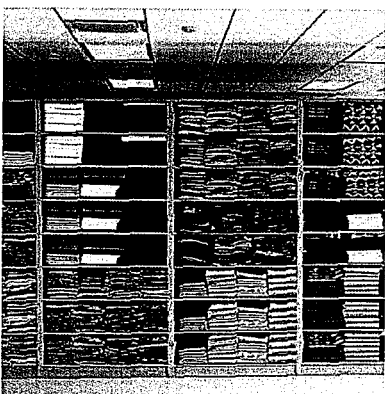
### Education

- K-8, High Schools, Universities
- Libraries
- Athletic Departments
- Bookstores
- Janitor Closets
- Personal Storage for Teachers
- Administrative Offices
- Lunchroom Storage

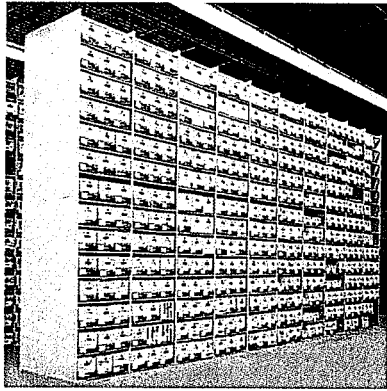
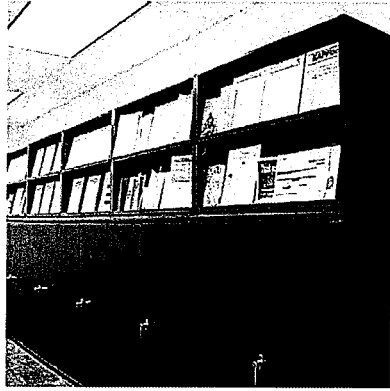


### Retail and Food Service

- Merchandise Storage
- Retail Display
- Stockroom Storage
- Utensil and Food Storage

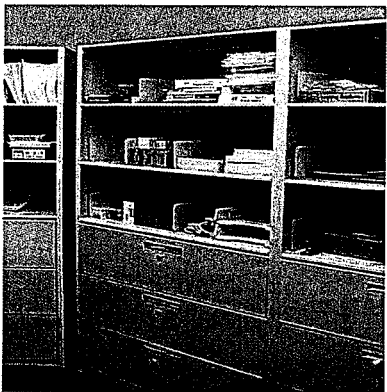
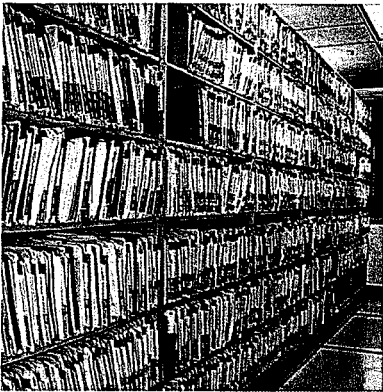






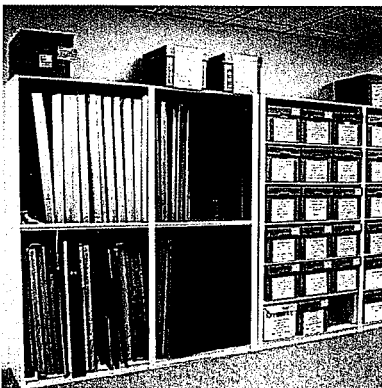
## Banks, Credit Unions, and Insurance Companies

- Client Files
- Auto Loan Files
- Mortgage Files
- Home Equity Files
- Vaults



## Law Firms

- Client Files
- War Rooms
- Binder Storage
- Exhibit Storage
- Reference Libraries
- Artwork/Frames





**When you want top shelf, only Aurora will do.  
More Value, Options, and Quality**



Aurora Storage Products, Inc.  
600 South Lake Street • Aurora, IL 60506  
Ph: 630-897-6951 • Fax: 630-897-6994  
Toll Free: 800-277-1699  
[www.aurorastorage.com](http://www.aurorastorage.com)

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AQLB09-19

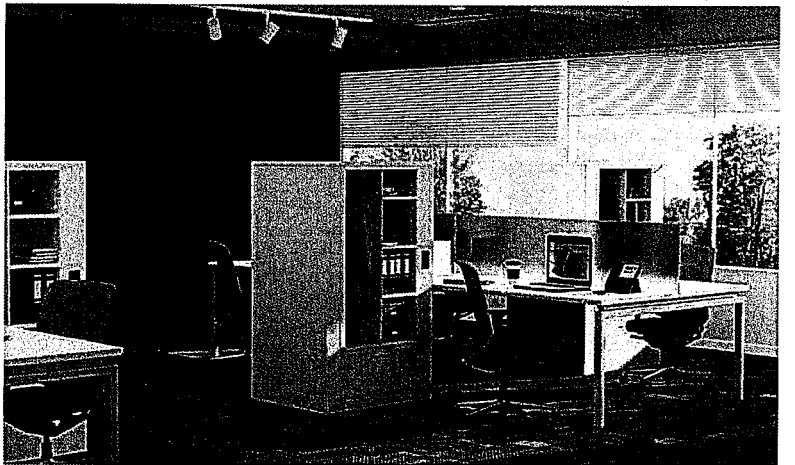
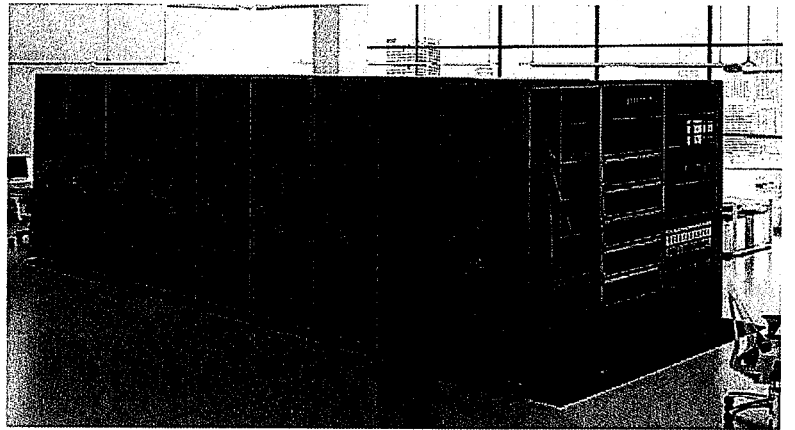
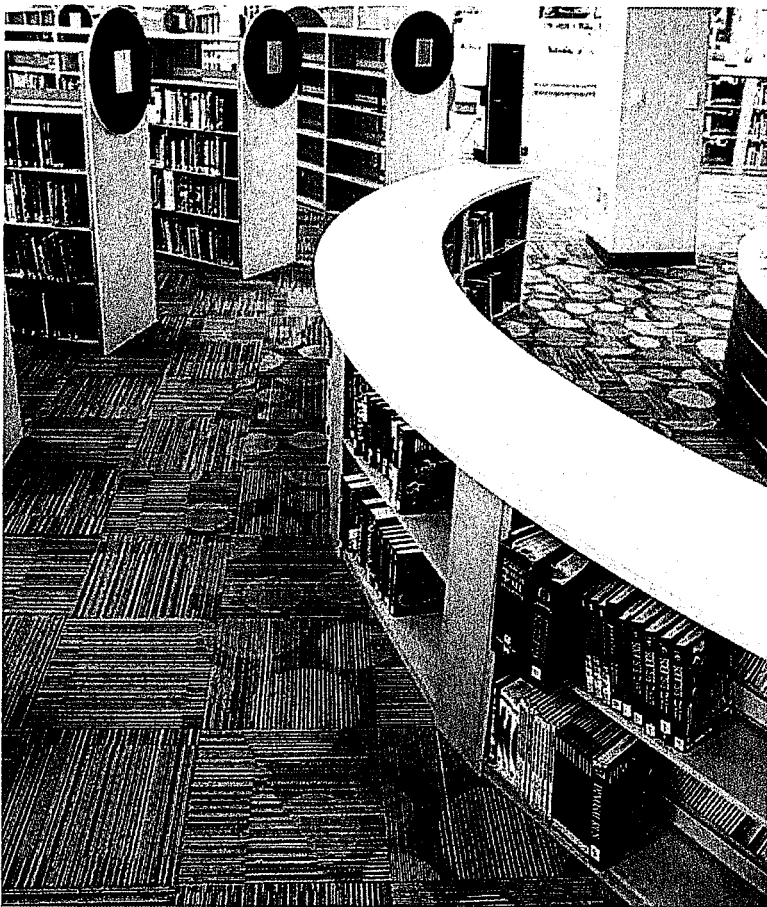
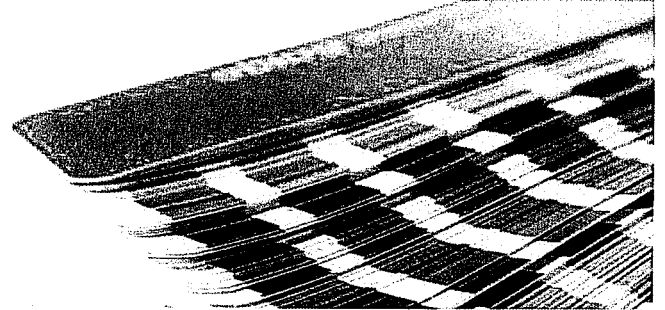


For more information go to:  
<http://www.aurorastorage.com/>

**GSA** Contract Holder  
Contract GS-25F-0084M  
U.S. Small Business Enterprise

For design assistance:  
[designsupport@aurorastorage.com](mailto:designsupport@aurorastorage.com)

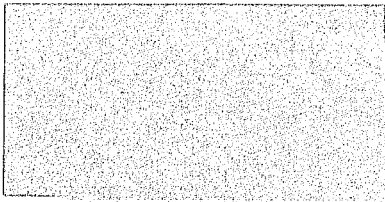
# COLOR SELECTOR



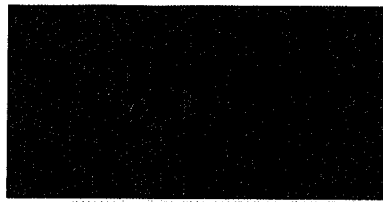
Eco-friendly Finishes



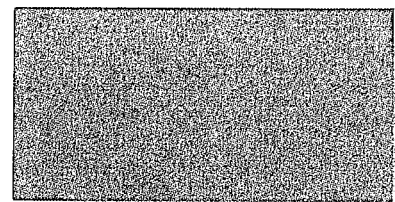
AURORA STORAGE PRODUCTS, INC.



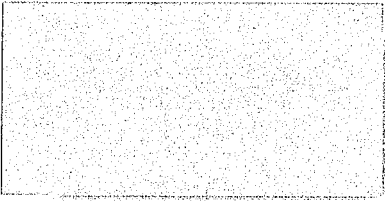
#15 Moondust



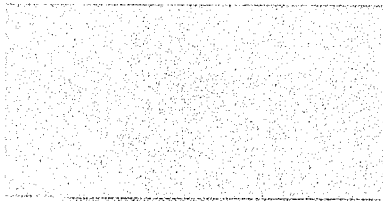
\* #81 Black



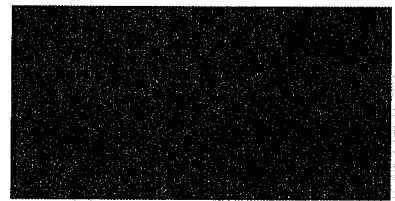
#17 Pewter



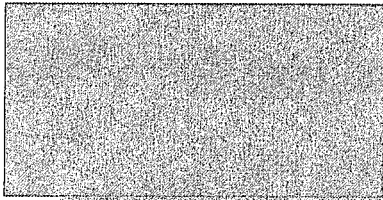
#86 Pebble Gray



\* #02 Gray Mist



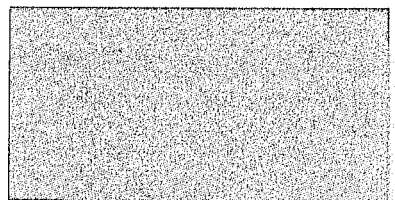
#19 Chisel



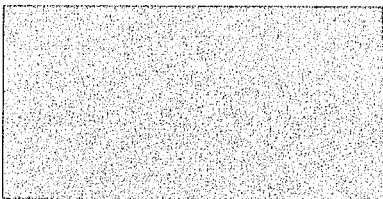
#25 Gray Sky



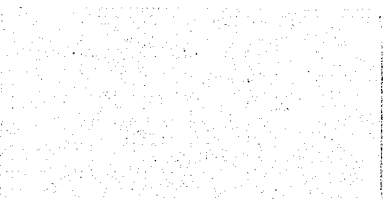
#60 Chocolate



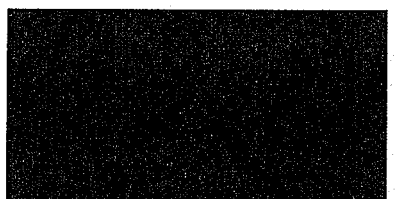
\* #94 Sand



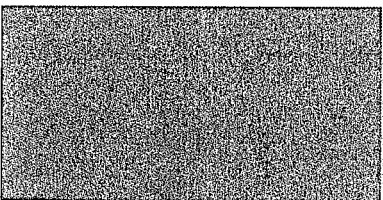
\* #64 Mushroom



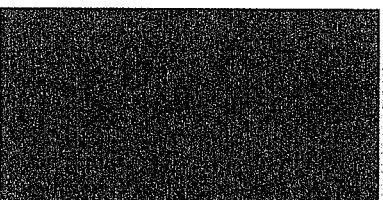
\* #05 Adobe



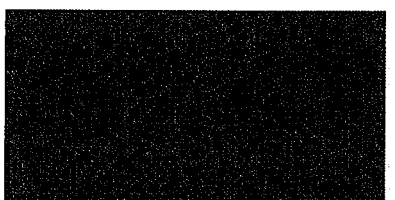
#53 Desert Sand



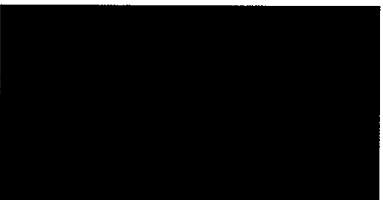
#31 Heritage Blue



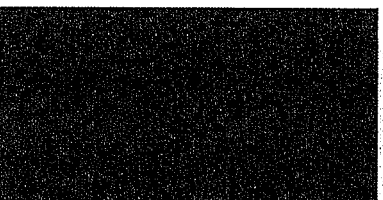
#80 Beachwood



#30 Blue Storm



#10 Cranberry Red



#40 Stone



#50 Oliva



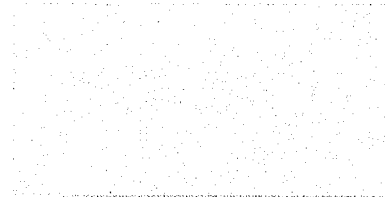
#70 Obsidian

\* Aurora Xpress Color

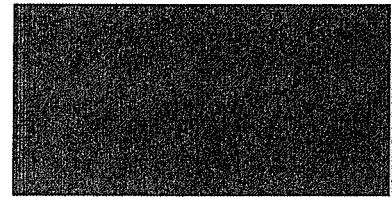
All colors are available in an antimicrobial finish.  
Additional charge applies.



#78 Navy



\* #73 Pebble Tan

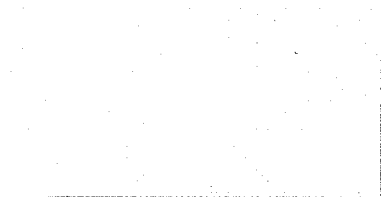


#42 Copra

## COLORS WITH UPCHARGES

Additional charges apply.

### WHITE COLORS



#20 Limón



\* #51 Parchment



#39 Birch



#34 Summit

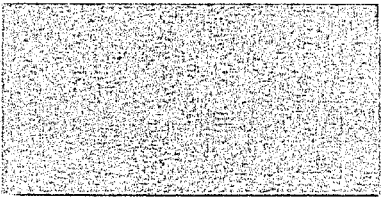


\* #11 Off White

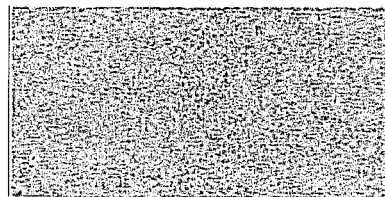


#90 Pure White

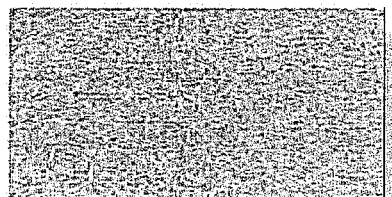
### METALLICS



#105 Baja



#120 Aluminum



#115 Quicksilver

### Color Stability

When selecting colors, always review them under the actual lighting the product will receive in use.

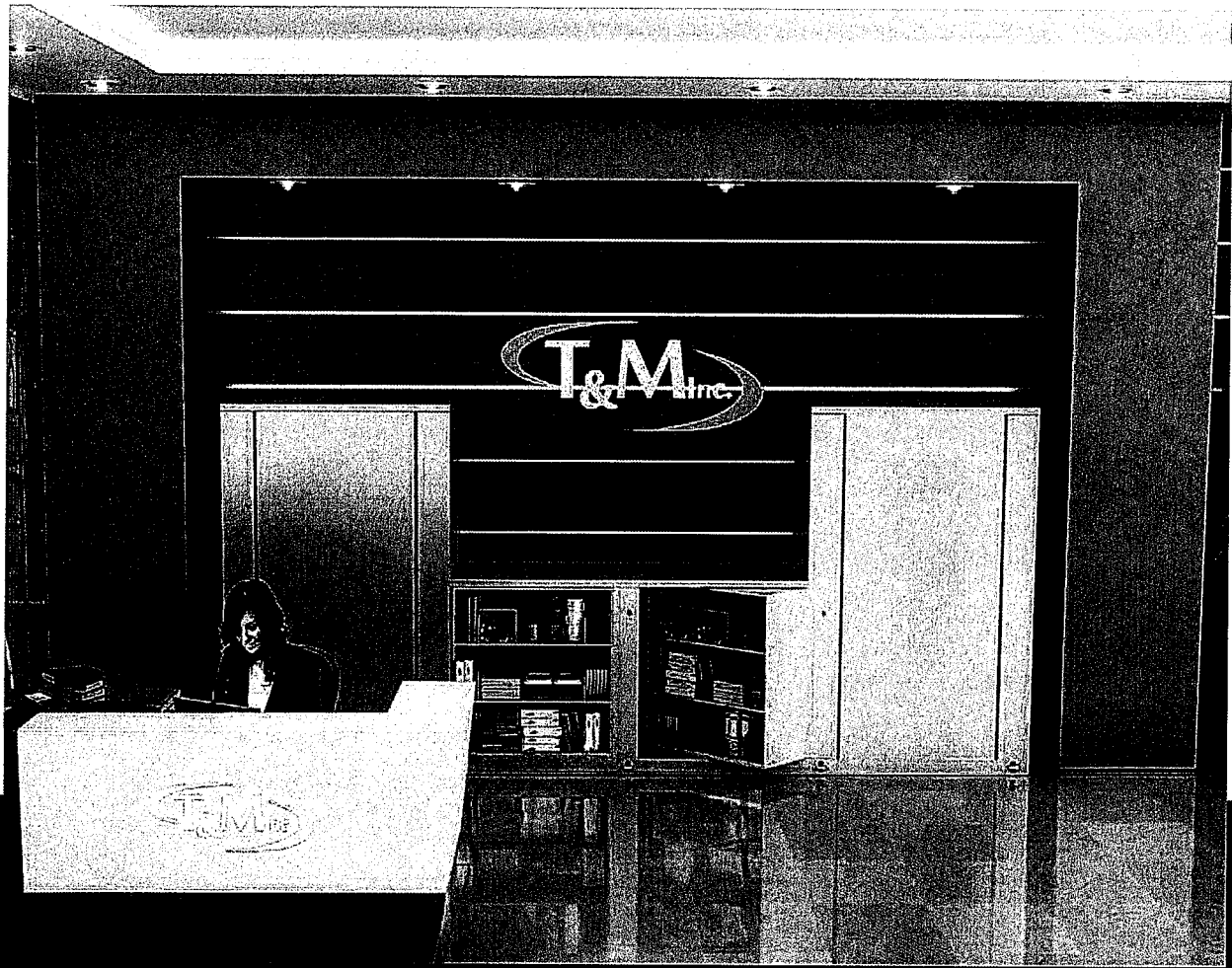
Be careful when matching new product to existing product of the same color. Existing installations can change color if product is closely exposed to fluorescent lighting or intense sunlight. If a perfect color match is required for add-on product, forward a sample of the installed product. The samples in this color selector are provided as a color guideline. Color, texture, and gloss representation may be different between the various paint batches.

In addition to the color selector, metal color samples are available for specific color matching and sales presentations. Please contact your Aurora representative for metal samples.

### Eco-Friendly Gloss-Tek

Environmentally friendly Gloss-Tek™ powder coat is 100 percent non-emissive; free of formaldehyde, methanol, and other solvents; and completely friendly to artifacts, specimens, and documents. Gloss-Tek provides a non-glare fingerprint resistant surface.

No wonder we say that with Aurora, any color you choose is "green."



Custom Colors Available



Aurora Storage Products, Inc.  
 600 South Lake Street • Aurora, IL 60506  
 Ph: 630-897-6951 • Fax: 630-897-6994  
 Toll Free: 800-277-1699  
[www.aurorastorage.com](http://www.aurorastorage.com)

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 CS-2-16 2M



**GSA** Contract Holder  
 Contract GS-25F-0084M  
 U.S. Small Business Enterprise



For more information go to:  
<http://www.aurorastorage.com>

For design assistance:  
[designsupport@aurorastorage.com](mailto:designsupport@aurorastorage.com)

# AURORA QUIK-LOK® SHELVING

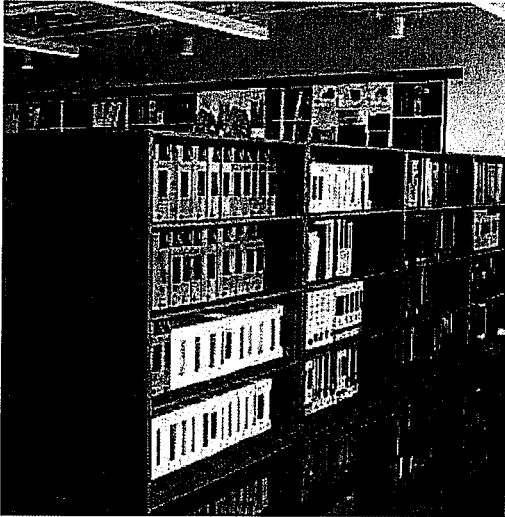


**AURORA**

A SOLUTION FOR EVERY STORY

# AURORA QUIK-LOK SHELVING

More of Everything!



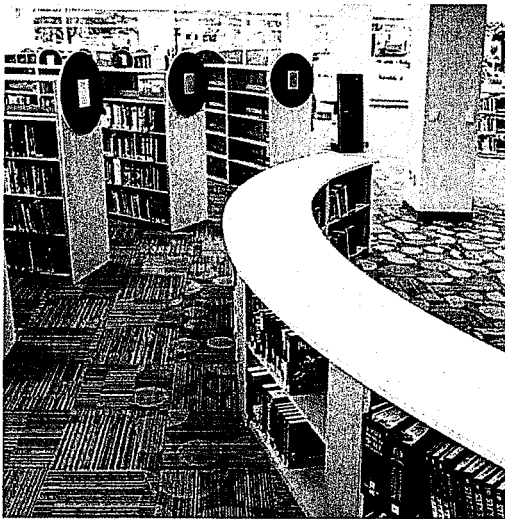
## Quik-Lok Shelving

Make no mistake, Aurora Shelving is the original standard by which others are measured. Why settle for anything else?

Open or closed back, single or double entry, letter or legal, Aurora Shelving has the size, style, and accessories for storing everything.

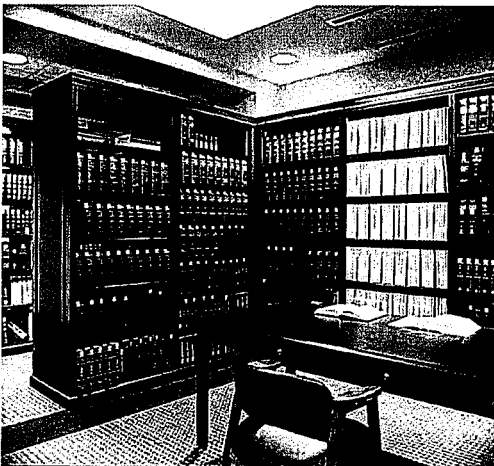
## Mobile Ready Shelving

Aurora Quik-Lok Shelving can be ordered "mobile ready" to install on Aurora Mobile system carriages.



## Aurora Library Shelving™

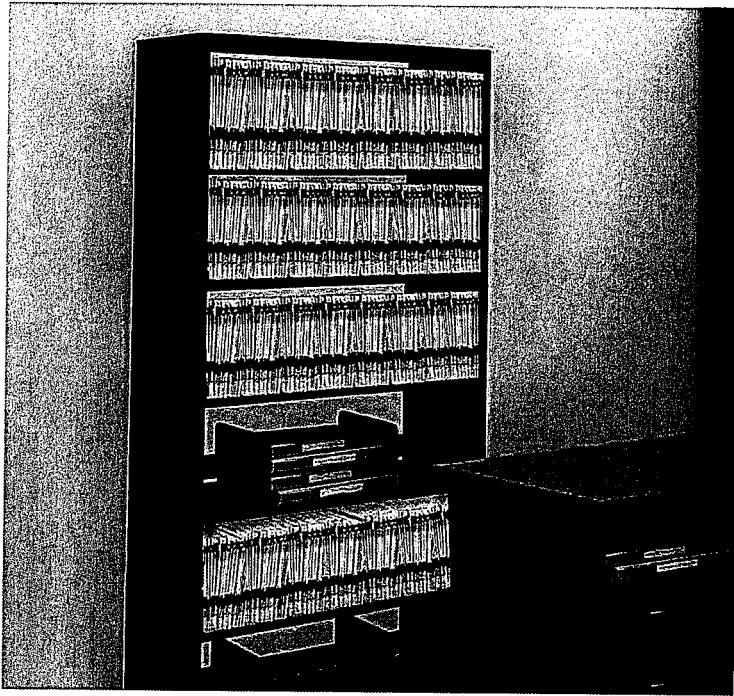
Look in universities, schools, law offices, and libraries nationwide, and you'll find Aurora Library Shelving. The unique inner wall construction of Aurora Library Shelving allows easy access to even tightly packed books at the end of a row. Aurora also offers library carts.



## Wood-Tek™

What do you get when you blend the strength of Aurora Shelving with the beauty of real wood? Wood-Tek, of course. Elegant shelving, cabinets, conference tables, or custom pieces can be ordered in two species of wood and four beautiful stains. Optional custom stains are available. Choose from traditional to contemporary styles.

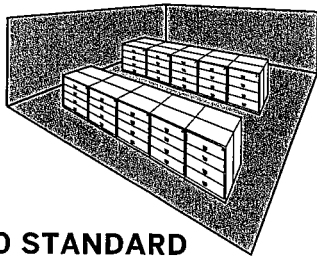




# MORE STORAGE, MORE SPACE.

For over 50 years Aurora has been offering the highest quality versatile shelving that assembles in a snap, no hardware required. If you want more value, options, and quality, turn to Aurora.

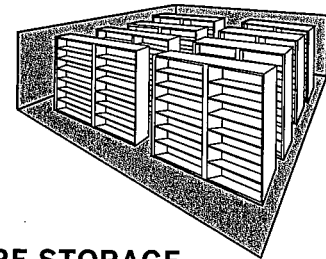
Imagine cutting your storage by 50% or more with Aurora Shelving.



**20 STANDARD  
LATERAL**



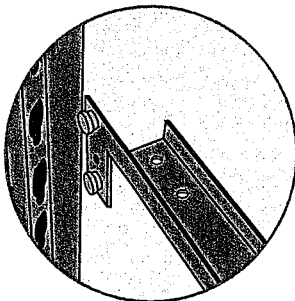
**MORE WORK**



**MORE STORAGE**

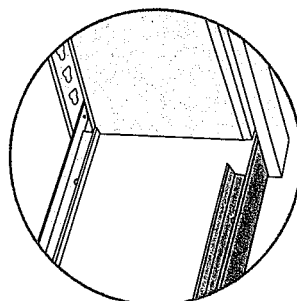
## Why Waste Space?

In the same room, 20 four-drawer lateral cabinets give you 3,200 filing inches. With Aurora, six 7-tier sections of double entry shelving give you 3,360 filing inches. You gain more storage and use only 50% of your space!



### Quik-Lok®

No nuts, bolts, or screws required.



### Quik-Base™

Quik-Base acts as shelf support, front base, and floor anchor all in one.

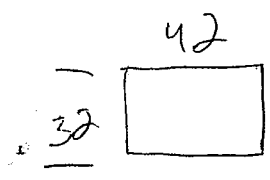
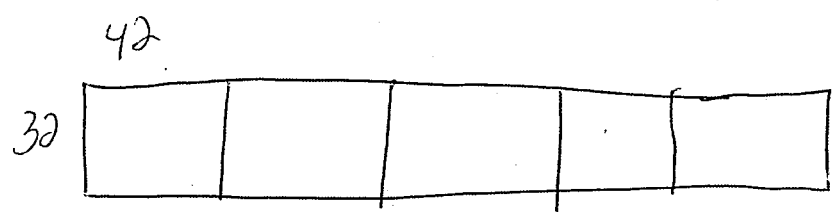
## Easy Assembly

### Quik-Lok Assembles in a Snap!

The key to easy assembly starts with our unique keyhole and rivet system. No nuts, bolts, sway braces, or hardware required.

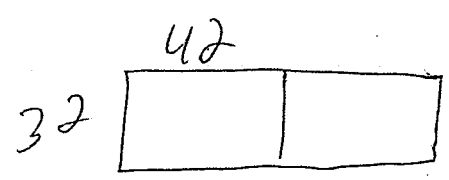
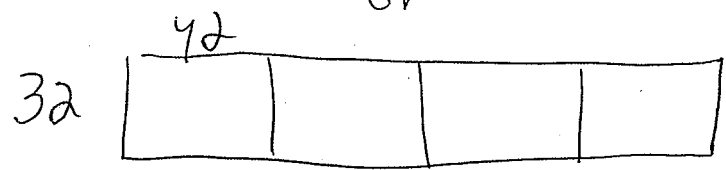
Patented Quik-Base provides a sturdy foundation combining shelf support, front base, and floor anchor.

42" x 32" x 76" options

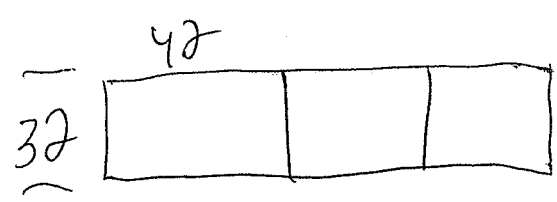
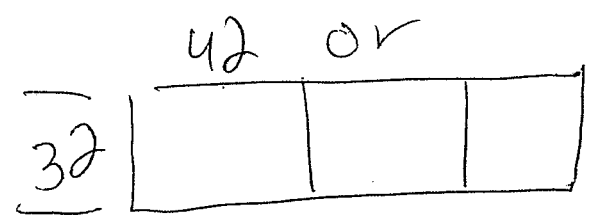


---

or



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**Town of Warwick Deputy Clerk**

---

**From:** Gillham, Jeffrey R (DOCCS) <Jeffrey.Gillham@doccs.ny.gov>  
**Sent:** Wednesday, October 22, 2025 12:58 PM  
**To:** Town of Warwick Deputy Clerk  
**Subject:** RE: Corcraft Shelving  
**Attachments:** TOWN\_WARWICK\_SHELVING\_102225 - Dock Delivery.pdf

Good afternoon, Melissa,

Please find attached my quote for four (4) F526328BS21, 42"W x 18"D x 84"H Open Shelving Units in our Grey finish color with Dock Delivery per your request.

As mentioned on the quote, production is estimated at 6-months from the receipt of your order.

**Forward a copy of this quote with your Purchase Order to the Order Services Department at: [Orders.Corcraft@doccs.ny.gov](mailto:Orders.Corcraft@doccs.ny.gov)**

**We can provide you with a Pro-Forma Invoice prior to delivery if we receive a letter from your Town Clerk authorizing us to invoice you for the open shelving units prior to delivery.**

If you have any questions, please don't hesitate to reach out to me via email.

Thank you,

**Jeff Gillham**

Sales Representative  
**Direct: 518-408-4232**  
**Cell: 518-935-3491**

**Corcraft – New York State's # 1 Preferred Source Vendor**  
NYS Department of Corrections and Community Supervision  
550 Broadway, Albany, New York 12204  
(518) 436-6321 , option 2 | [jeffrey.gillham@doccs.ny.gov](mailto:jeffrey.gillham@doccs.ny.gov)  
[www.corcraft.ny.gov](http://www.corcraft.ny.gov)

**Visit [corcraft.ny.gov](http://corcraft.ny.gov) to place orders and access your order history, invoices, and shipping information. If you're not yet a registered user, please click [here](#)**

---

**From:** Gillham, Jeffrey R (DOCCS)  
**Sent:** Wednesday, October 22, 2025 10:23 AM  
**To:** 'deputyclerk@townofwarwick.org' <deputyclerk@townofwarwick.org>  
**Subject:** Corcraft Shelving

Good morning, Melissa,

Thank you for your call this morning.

Per our conversation, you are looking for the following Open Shelving Size”  
76”H

42”W x 32”D x

**Following are the Open Shelving sizes that are the closest to the above:**

Our shelving units are 84” high.

F526336HS \* \*      36”W x 30”D x 84”H

F526336IS \* \*      36”W x 36”D x 84”H

F526328BS \* \*      42”W x 18”D x 84”H

\* \* denotes the color code. I have attached our Corcraft Metal Colors. Please select one of the six colors at the bottom.

Estimated delivery date is 6-months from the receipt of your order.

**We can provide you with a Pro-Forma Invoice prior to delivery if we receive a letter from your Town Clerk authorizing us to invoice you for the open shelving units prior to delivery and installation (if required).**

**Delivery Options:**

- Dock Delivery: Our drivers leave the open shelving at your loading dock, still in its packing material. You unpackage the shelving, take them to the location required, set them in place and you dispose of all the packing material yourselves.
- Inside Delivery: Our drivers take the open shelving, still in its packing material to the location you need them at. You unpackage them, set them in place and dispose of all the packing material yourselves.
- Inside Delivery & Set in Place: Our drivers unpack the open shelving, take them to the location you need them at, set them in place. We remove all packing material away on our trailer.
  - Optional Installation at an additional fee with Inside Delivery & Set in Place only. Once the delivery is complete (often time coordinated with the delivery on the same day. Sometimes within a week of the delivery), our Installation Team will come to bolt the shelving units to each other and or to the walls if necessary for added stability. There is an additional \$100.00 per shelving unit for this optional Installation service.
- **Note:** With Inside Delivery & Inside Delivery & Set in Place we must have access to an elevator (if necessary). Our drivers cannot carry shelving units up or down stairs.

Let me know if I can provide you with any of the Open Shelving sizes listed above.

Thank you,

**Jeff Gillham**

Sales Representative

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**Cell: 518-935-3491**

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**Visit [corcraft.ny.gov](http://corcraft.ny.gov) to place orders and access your order history, invoices, and shipping information. If you’re not yet a registered user, please click [here](#)**



# QUOTE

550 Broadway  
 Menands, NY 12204  
 (800) 436-6321

Quote #: TOWN\_WARWICK\_SHELVING\_102225

Date: 10/22/25  
 Sales Rep: Jeff Gillham  
 Direct Phone #: 518-408-4232  
 Cell Phone #: 518-935-3491  
 Email: Jeffrey.Gillham@doccs.ny.gov

Business: Town of Warwick  
 Attention: Melissa Stevens, Deputy Town Clerk  
 Email: deputyclerk@townofwarwick.org  
 Phone: 845-986-1124 ext. 244

**DOCK DELIVERY**

Item #	Corcraft Item Code	Item Description	Total Qty	Price Each	Extended Price	Placement (Floor, Room, Qty)
1	F526328BS12	SHELV OPN 42X18X84 SU GREY Industrial Shelving - Steel Construction Open Type, Assembled 42"W x 18"D x 84"H Finish: Grey	4	\$266.00	\$1,064.00	
2	DELIVERY	Free Delivery on Orders Over \$250.00			\$0.00	
					\$0.00	
		Note: The estimated production time is 6-months from the receipt of your order. Thank you, JRG				
					\$0.00	
					\$0.00	
<b>Total</b>					<b>\$1,064.00</b>	

Please send all orders to: [Orders.Corcraft@doccs.ny.gov](mailto:Orders.Corcraft@doccs.ny.gov).  
 This price quote is valid for 60 days.

## **Town of Warwick Deputy Clerk**

---

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**Forward a copy of this quote with your Purchase Order to the Order Services Department  
at: Orders.Corcraft@doccs.ny.gov**

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If you have any questions, please don't hesitate to reach out to me via email.

Thank you,

**Jeff Gillham**

Sales Representative

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**Sent:** Wednesday, October 22, 2025 10:23 AM  
**To:** 'deputyclerk@townofwarwick.org' <deputyclerk@townofwarwick.org>  
**Subject:** Corcraft Shelving

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Thank you for your call this morning.

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76”H

42”W x 32”D x

**Following are the Open Shelving sizes that are the closest to the above:**

Our shelving units are 84” high.

F526336HS \* \*      36”W x 30”D x 84”H

F526336IS \* \*      36”W x 36”D x 84”H

F526328BS \* \*      42”W x 18”D x 84”H

\* \* denotes the color code. I have attached our Corcraft Metal Colors. Please select one of the six colors at the bottom.

Estimated delivery date is 6-months from the receipt of your order.

**We can provide you with a Pro-Forma Invoice prior to delivery if we receive a letter from your Town Clerk authorizing us to invoice you for the open shelving units prior to delivery and installation (if required).**

**Delivery Options:**

- Dock Delivery: Our drivers leave the open shelving at your loading dock, still in its packing material. You unpackage the shelving, take them to the location required, set them in place and you dispose of all the packing material yourselves.
- Inside Delivery: Our drivers take the open shelving, still in its packing material to the location you need them at. You unpackage them, set them in place and dispose of all the packing material yourselves.
- Inside Delivery & Set in Place: Our drivers unpack the open shelving, take them to the location you need them at, set them in place. We remove all packing material away on our trailer.
  - Optional Installation at an additional fee with Inside Delivery & Set in Place only. Once the delivery is complete (often time coordinated with the delivery on the same day. Sometimes within a week of the delivery), our Installation Team will come to bolt the shelving units to each other and or to the walls if necessary for added stability. There is an additional \$100.00 per shelving unit for this optional Installation service.
- **Note:** With Inside Delivery & Inside Delivery & Set in Place we must have access to an elevator (if necessary). Our drivers cannot carry shelving units up or down stairs.

Let me know if I can provide you with any of the Open Shelving sizes listed above.

Thank you,



**Jeff Gillham**

Sales Representative

Direct: 518-408-4232

Cell: 518-935-3491

**Corcraft – New York State’s # 1 Preferred Source Vendor**

**NYS Department of Corrections and Community Supervision**

550 Broadway, Albany, New York 12204

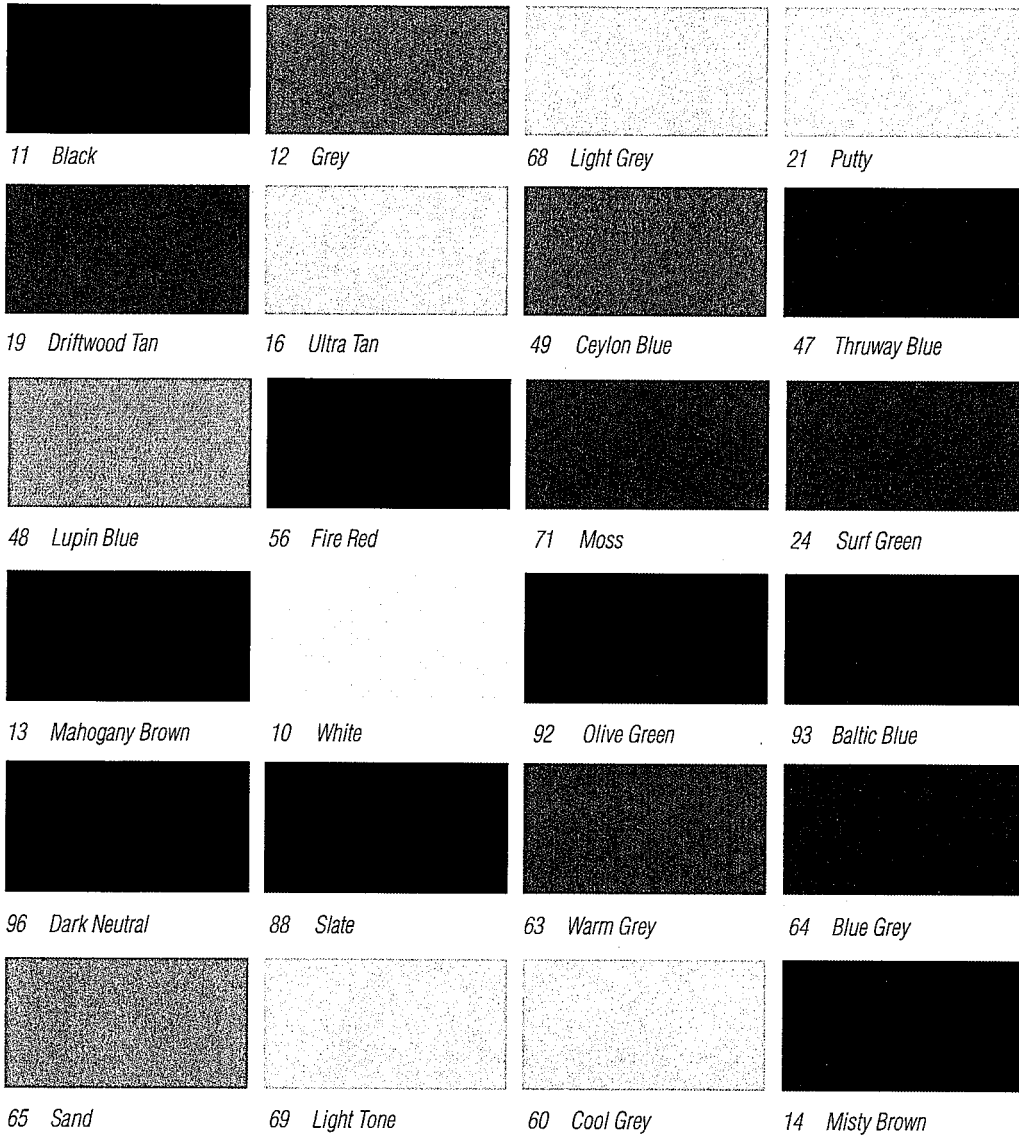
(518) 436-6321 , option 2 | [jeffrey.gillham@doccs.ny.gov](mailto:jeffrey.gillham@doccs.ny.gov)

[www.corcraft.ny.gov](http://www.corcraft.ny.gov)

**Visit [corcraft.ny.gov](http://corcraft.ny.gov) to place orders and access your order history, invoices, and shipping information. If you’re not yet a registered user, please click [here](#)**

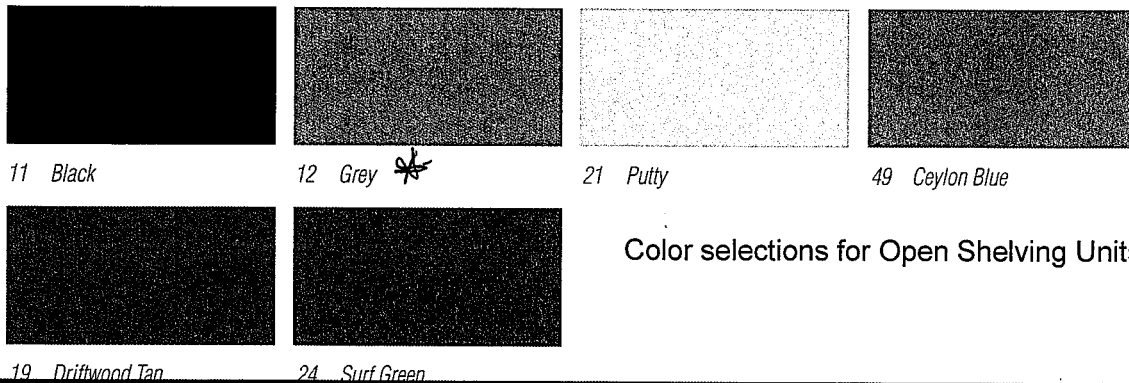
# METAL COLOR SELECTIONS

## Electrostatic Powder Paint Selections



## Baked Enamel Paint Selections

You must use baked enamel paint selections for shelving unit and exterior trash containers.



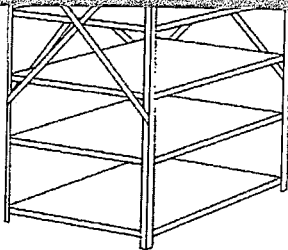
Color selections for Open Shelving Units

**PLEASE NOTE:** The swatches in this guide have been reproduced as accurately as possible. However, there can be a difference between print reproduction and the actual product. Samples are available through your Corcraft Sales Representative.

# DELIVERY & INSTALLATION

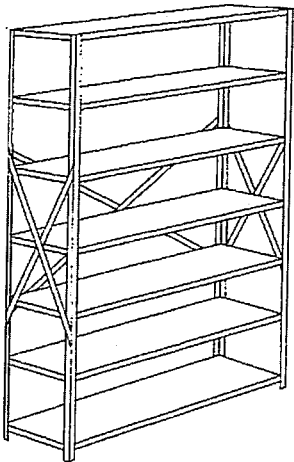
Corcraft  
578-408-4232  
Jeffrey Gillham@Docs.  
NY.gov

24"D X 84"H  
width is 36 $\frac{5}{8}$ "  
135 lb  
EMBLEMED  
6FK \* \*  
EMBLEMED  
F526336FS \* \*



36"W X 27"D X 84"H  
(Actual width is 36 $\frac{5}{8}$ "")  
Weight 144 lb  
UNASSEMBLED  
F526336GK \* \*  
ASSEMBLED  
F526336GS \* \*

36"W X 30"D X 84"H  
(Actual width is 36 $\frac{5}{8}$ "")  
Weight 148 lb  
UNASSEMBLED  
F526336HK \* \*  
ASSEMBLED  
F526336HS \* \*



36"W X 36"D X 84"H  
(Actual width is 36 $\frac{5}{8}$ "")  
\* Weight 179 lb  
UNASSEMBLED  
F526336IK \* \*  
ASSEMBLED  
F526336IS \* \*

42"W X 18"D X 84"H  
(Actual width is 42 $\frac{5}{8}$ "")  
Weight 180 lb  
UNASSEMBLED  
F526328BK \* \*  
ASSEMBLED  
F526328BS \* \*

## DELIVERY:

Shelving is delivered two ways:

- **Dock Delivered:** Placed on shipping dock for the customer to transport.
- **Inside Delivery (set in use):** Brought to the space where it will be installed, cartons and other packing material removed.

Several factors influence product choice and delivery. If there are issues with access via elevators, hallways, corners, it may be wise to purchase shelving disassembled (knocked down). You will incur an on-site assembly charge as described in the Installation section below. If Corcraft is providing installation services (especially promptly after delivery) you will need to choose #3 (Inside Delivery and Set in use). Delivery charges in this case may be part of a quote.

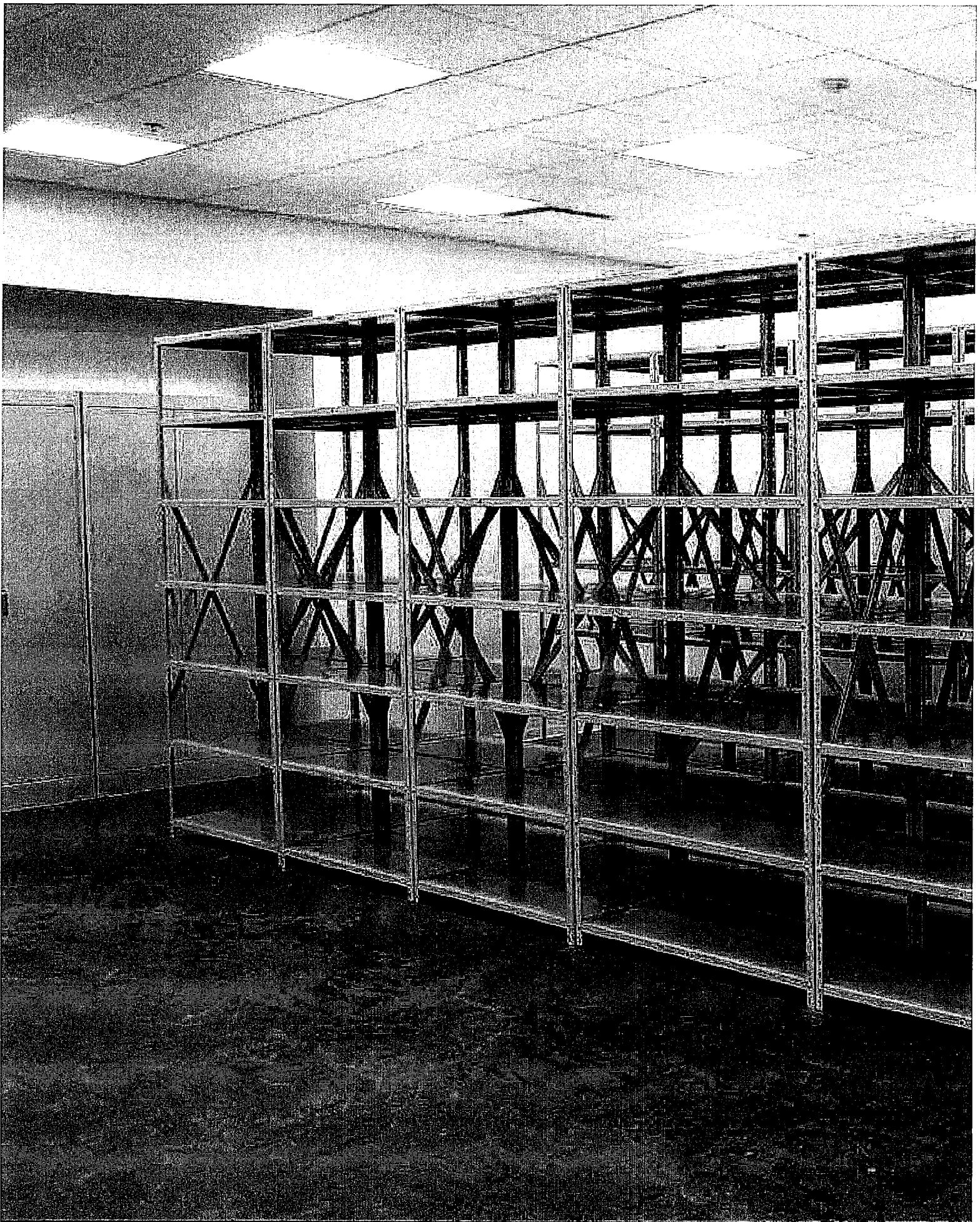
## INSTALLATION:

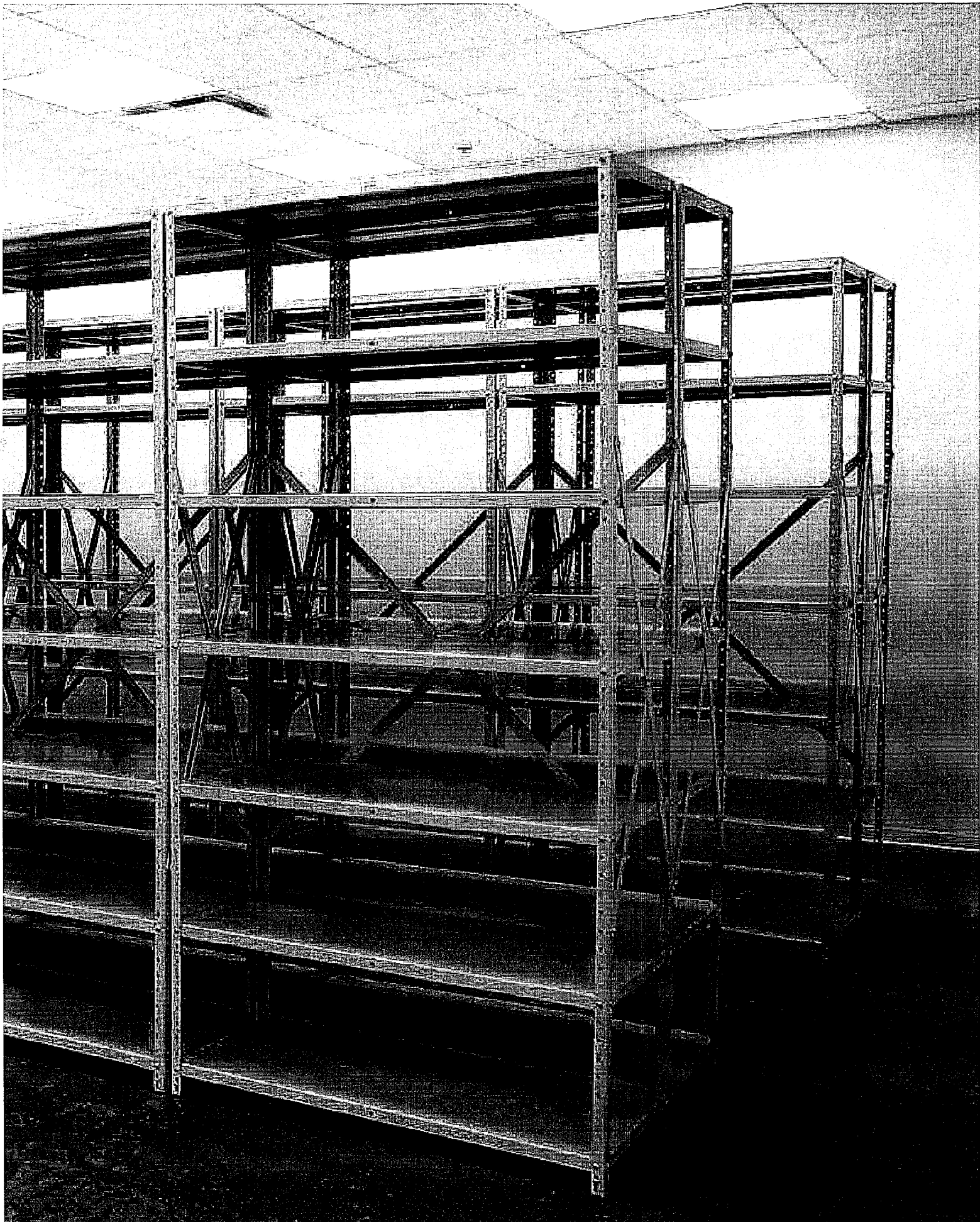
Corcraft provides installation services for our industrial shelving products. All Corcraft installation services require Inside Delivered (Set in Use) delivery services. Shelving is delivered to the space where it will be installed and debris removed prior to the installation.

Installation service includes bolting the assembled shelves to each other and to a wall.

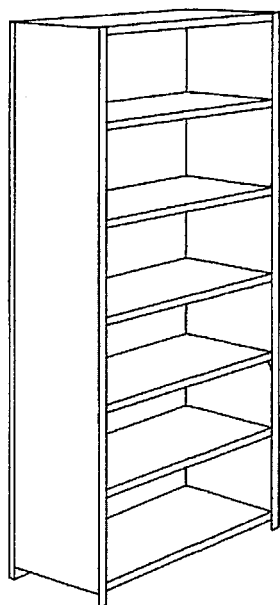
- Installation for a single, standard sized **preassembled** shelving unit is \$100.00. To purchase this service, use Item Code A99999910. Larger sizes may cost more and require a quote.
- Installation for an **unassembled (knocked down)** shelving unit is \$175.00 a unit because unassembled units require assembly on site. To purchase this service use Item Code A9999991A.

These prices and conditions apply to simple installations. When the installation involves a complex configuration, or a large number of shelves, call your Sales Representative for a quote.





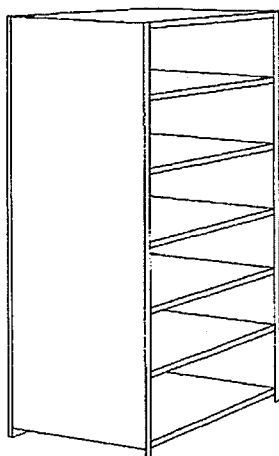
## INDUSTRIAL SHELVING STEEL CONSTRUCTION



36"W X 9"D X 84"H  
(Actual width is 36<sup>7</sup>/<sub>16</sub>"")  
Weight 119 lb  
UNASSEMBLED  
F526338AK \* \*  
ASSEMBLED  
F526338AS \* \*

36"W X 12"D X 84"H  
(Actual width is 36<sup>7</sup>/<sub>16</sub>"")  
Weight 130 lb  
UNASSEMBLED  
F526338BK \* \*  
ASSEMBLED  
F526338BS \* \*

36"W X 16"D X 84"H  
(Actual width is 36<sup>7</sup>/<sub>16</sub>"")  
Weight 152 lb  
UNASSEMBLED  
F526338CK \* \*  
ASSEMBLED  
F526338CS \* \*



36"W X 18"D X 84"H  
(Actual width is 36<sup>7</sup>/<sub>16</sub>"")  
Weight 163 lb  
UNASSEMBLED  
F526338DK \* \*  
ASSEMBLED  
F526338DS \* \*

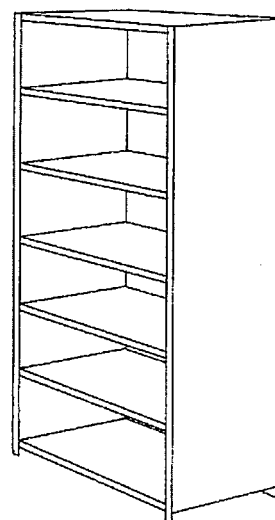
36"W X 20"D X 84"H  
(Actual width is 36<sup>7</sup>/<sub>16</sub>"")  
Weight 174 lb  
UNASSEMBLED  
F526338EK \* \*  
ASSEMBLED  
F526338ES \* \*

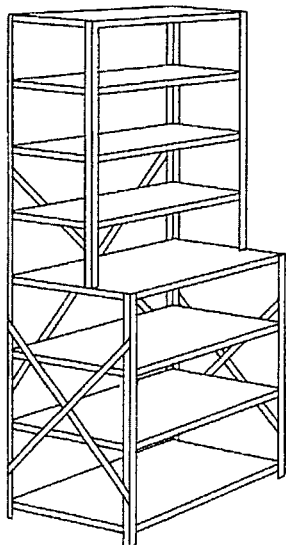
36"W X 24"D X 84"H  
(Actual width is 36<sup>7</sup>/<sub>16</sub>"")  
Weight 193 lb  
UNASSEMBLED  
F526338FK \* \*  
ASSEMBLED  
F526338FS \* \*

36"W X 27"D X 84"H  
(Actual width is 36<sup>7</sup>/<sub>16</sub>"")  
Weight 202 lb  
UNASSEMBLED  
F526338GK \* \*  
ASSEMBLED  
F526338GS \* \*

36"W X 30"D X 84"H  
(Actual width is 36<sup>7</sup>/<sub>16</sub>"")  
Weight 214 lb  
UNASSEMBLED  
F52-6338HK \* \*  
ASSEMBLED  
F52-6338HS \* \*

36"W X 36"D X 84"H  
(Actual width is 36<sup>7</sup>/<sub>16</sub>"")  
Weight 257 lb  
UNASSEMBLED  
F526338IK \* \*  
ASSEMBLED  
F526338IS \* \*





### Ledge Type Shelving Steel Construction

#### Closed Type

24"W X 16"D-27"D X 84"H

(Actual width is 24<sup>7</sup>/<sub>16</sub>"")

Weight 195 lb

F526363BS \* \*

24"W X 16"D-30"D X 84"H

(Actual width is 24<sup>7</sup>/<sub>16</sub>"")

Weight 195 lb

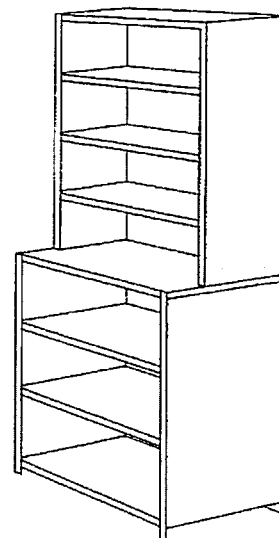
F526363CS \* \*

36"W X 24"D-30"D X 84"H

(Actual width is 36<sup>7</sup>/<sub>16</sub>"")

Weight 205 lb

F526379AS \* \*



### Ledge Type Shelving Steel Construction

#### Open Type

24"W X 24"D-30"D X 84"H

(Actual width is 24<sup>5</sup>/<sub>16</sub>"")

Weight 145 lb

PREASSEMBLED

KNOCKED DOWN

F526346AS \* \*

F526346AK \* \*

Note: Open-type ledge shelving is available knocked down or preassembled. Closed-type ledge shelving is only available preassembled.

# LIGHTWEIGHT COMMERCIAL SHELVING

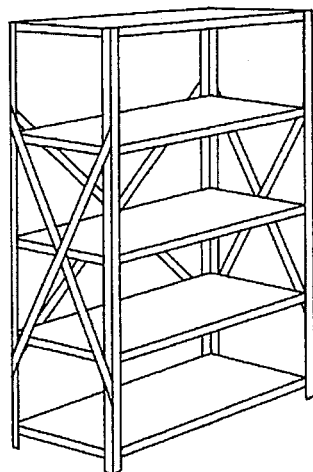
### SPECIFICATIONS:

- Open design—no sides or back walls.
- 16-gauge cold rolled steel uprights.
- 20-gauge steel shelves.
- 11-gauge cross braces for strength (1/8" thick).
- Each shelf is rated for 250 lb load bearing capability.
- 5 shelves per unit are adjustable in 1 1/2" increments.

### SIZES:

- Two standard sizes—available either fully assembled or knocked down for on-site construction.

If you require on-site assembly and installation (assemble the shelving, bolt together, bolt to wall), the charge is \$175.00 per unit. Use Item code A999999IA on your order.



36"W X 18"D X 75"H

(Actual width is 36<sup>5</sup>/<sub>16</sub>"")

Weight 58 lb

UNASSEMBLED

F52LW1836DK \* \*

ASSEMBLED

F52LW1836DS \* \*

42"W X 18"D X 75"H

(Actual width is 42<sup>5</sup>/<sub>16</sub>"")

Weight 64 lb

UNASSEMBLED

F52LW1842BK \* \*

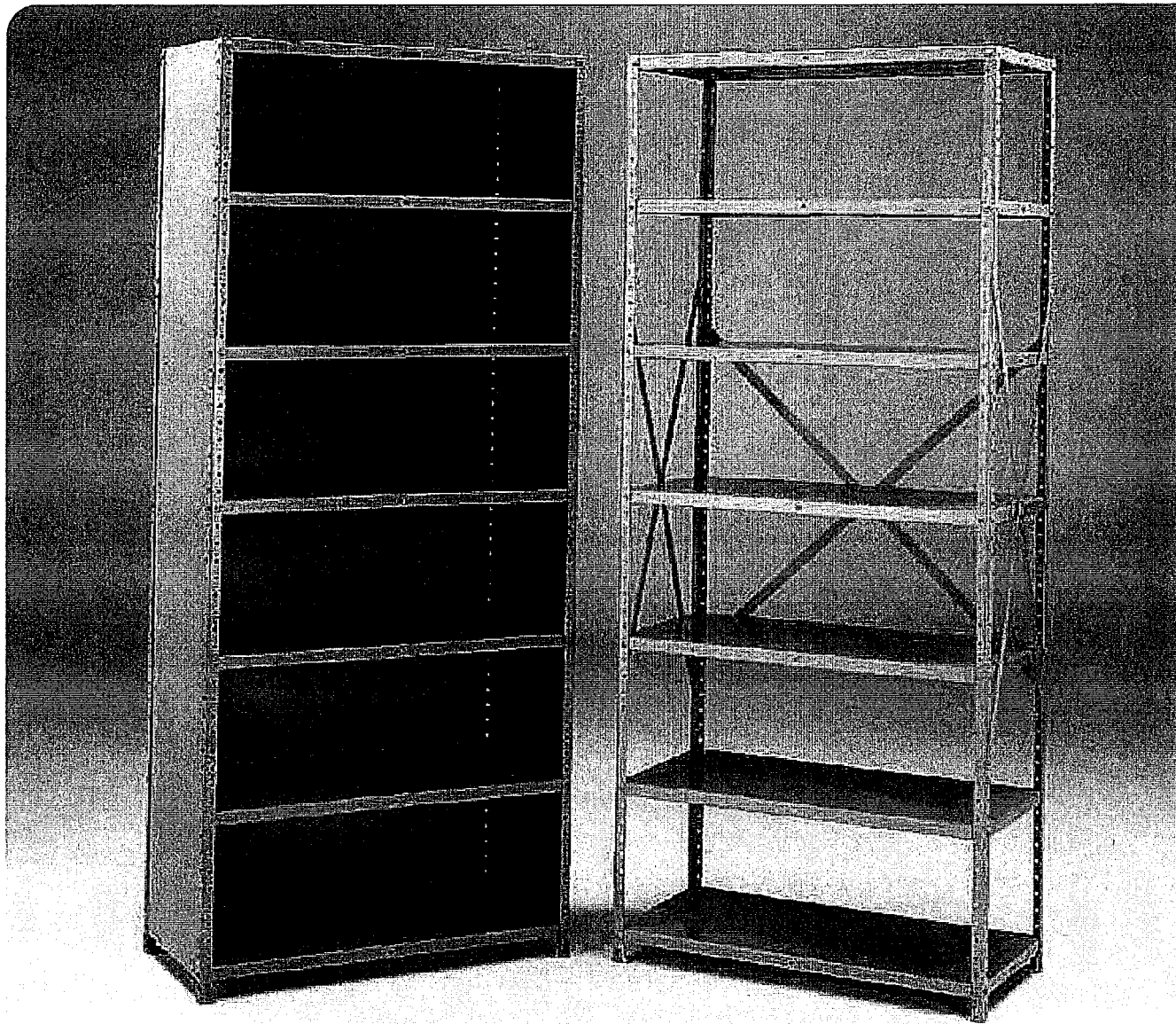
ASSEMBLED

F52LW1842BS \* \*



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Division of Industries  
550 Broadway, Albany, NY 12204  
Order Services: (518) 408-3047  
[orders.corcraft@doccs.ny.gov](mailto:orders.corcraft@doccs.ny.gov)  
[corcraft.ny.gov](http://corcraft.ny.gov)





# **Corcraft**

**PRODUCTS**



Corrections and  
Community Supervision

## OPEN TYPE

# INDUSTRIAL SHELVING

### FINISH: BAKED ENAMEL

● Black	11	○ Putty	21
● Grey	12	● Surf Green	24
● Driftwood Tan	19	● Ceylon Blue	49

**Notes:** Indicate your paint color choice by including the color code in the spaces to the right of the item code.

### EXTERIOR FRAME:

- Cold rolled steel, formed and bolted.
- Construction geared for heavy/industrial usage.
- $\frac{1}{8}$ " steel bracing strips used to reinforce open type shelving.
- Closed shelving units utilize 22-gauge steel for sides and back.

### SHELVES:

- Cold-rolled steel, bolted within open and closed units.
- Heavy 12-gauge steel is used to reinforce 18-gauge shelf.
- Shelves 42" and wider include box bracing for added strength and stability.
- Seven shelves standard on each unit.
- Shelves adjustable in  $1\frac{1}{2}$ " increments.
- Each shelf rated for 500-pound capacity, evenly distributed.

### ASSEMBLY:

- Products are available knocked down or preassembled at the factory.

*Note: Hardware adds  $\frac{1}{8}$ " to the width of each open-type unit and  $\frac{1}{16}$ " to each closed-type unit.*

## INDUSTRIAL SHELVING STEEL CONSTRUCTION

36"W X 9"D X 84"H  
(Actual width is  $36\frac{5}{8}$ "")

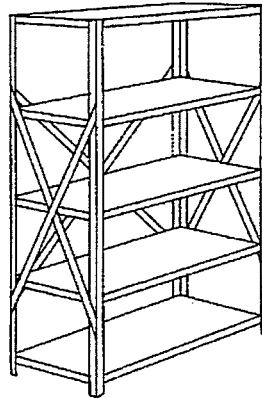
Weight 81 lb

UNASSEMBLED

F526336AK \* \_ \*

ASSEMBLED

F526336AS \* \_ \*



36"W X 12"D X 84"H  
(Actual width is  $36\frac{5}{8}$ "")

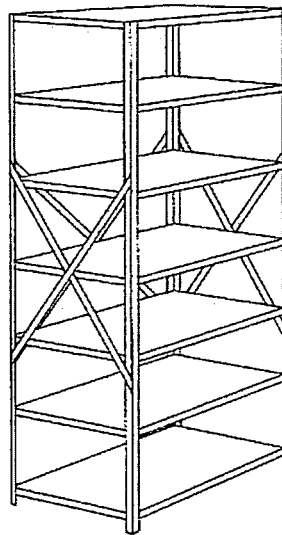
Weight 88 lb

UNASSEMBLED

F526336BK \* \_ \*

ASSEMBLED

F526336BS \* \_ \*



36"W X 16"D X 84"H  
(Actual width is  $36\frac{5}{8}$ "")

Weight 108 lb

UNASSEMBLED

F526336CK \* \_ \*

ASSEMBLED

F526336CS \* \_ \*

36"W X 18"D X 84"H  
(Actual width is  $36\frac{5}{8}$ "")

Weight 117 lb

UNASSEMBLED

F526336DK \* \_ \*

ASSEMBLED

F526336DS \* \_ \*

36"W X 20"D X 84"H  
(Actual width is  $36\frac{5}{8}$ "")

Weight 124 lb

UNASSEMBLED

F526336EK \* \_ \*

ASSEMBLED

F526336ES \* \_ \*