

**PUTNAM VALLEY TOWN BOARD**  
**WORK SESSION MEETING**  
**WEDNESDAY, JUNE 8, 2022**  
**5:00 PM**

**AGENDA**

Pledge of Allegiance

1. Clean Flo Discussion
2. Solar Panel Permits
3. Districts:
  - a.) Approve Lake Oscawana Supervisor Appointment, 2022 Season
  - b.) Approve Lake Oscawana Harvester Operator Appointment, 2022 Season
  - c.) Approve LPID Beach Monitor Appointments for 2022
4. Facilities – Authorize Supervisor to adopt and sign Negative Declaration – Camp Recreation Building
5. Highway: Approve replacement seasonal Laborer
6. Building Department: May 2022 Daily Fee Report
8. Audit of Monthly Bills

**PUTNAM VALLEY TOWN BOARD**  
**WORK SESSION MEETING**  
**WEDNESDAY, JUNE 8, 2022**  
**5:00 PM**

**PRESENT:** Supervisor Annabi  
Councilman Russo  
Councilman Smith  
Councilman Luongo

**ALSO PRESENT:** Town Clerk Sherry Howard

**ABSENT:** Councilwoman Tompkins  
Town Counsel Sarah Ryan

Pledge of Allegiance.

Councilman Russo asked for a moment of silence to remember our troops throughout the world.

**CLEAN FLO DISCUSSION**

Presented by Supervisor Annabi

Supervisor Annabi said that Clean Flo is a company that was hired in 2017 to put in an aerator system, bio filters, bio cleaners, and a couple of other things into Lake Peekskill to help with the harmful algae blooms. Clean Flo reached out again to our former Supervisor, and asked him for an additional contract to continue the maintenance at a cost of an additional \$65,000.00. The original contract was for \$132,000.00. Clean Flo then reached out to Supervisor Annabi and wanted to start another contract for an additional \$12,000.00 and that was to go back to the original chemical that they did in the original contract, plus they wanted to add an automated dosing system. Supervisor Annabi's question to the Company is "what are you putting into the Lake that you have to increase it to; what were you using back then, and what was the dosage amount back then?" Supervisor Annabi told Clean Flo that she needs a record of what they are using and how much they are using. With all of this they were emailing back and forth; but they never sent her what items they used in the Lake. She told the Company that they cannot move forward with the contract until these questions have been answered.

A Representative from Clean Flo was supposed to be at the meeting tonight to explain all of this, he has not shown up as of yet.

Supervisor Annabi also noticed through her research that Clean Flo never completed their DEC permits. There is a note that the DEC waived them for the natural products; however, when Supervisor Annabi spoke to the DEC there is no record of that waiver; and we have no record of the waiver here. That does not mean they don't have it, it means she does not have it, and the DEC has no record of it. That being said, until Supervisor Annabi has those records, she is going to ask Clean Flo to stop using any products in the Lake.

Supervisor Annabi said it has also come to her attention that there has not been a permit closed on the electrical that is going from the shed into the Lake. Building Inspector Quaglietta is going out tomorrow with an Electrical Inspector, if all goes well the aerator will stay on, if it doesn't we will have to shut down that aerator.

David Grote, Operations Manager from Clean Flo arrived and stepped up to the podium. Mr. Grote said in 2018 the Town put out a bid proposal and Clean Flo bid on the job; and won. The project was to provide solutions to harmful algae bloom issues in the Lake and other issues caused by high nutrient concentrations. The project involved installing a laminar flow diffusion system which consists of 18 bottom aerators in the Lake which are all connected to a compressor which is housed in a shed up near the northern end of the lake. We were also asked to add bio augmentation, (which is a combination of biological additives to the lake.). These additives include enzymes, bacteria, mineral nutrients, and nutrients absorbents. The Town also gave Clean Flo a three (3) year Operations and Maintenance Contract, which involves maintaining the compressor, maintaining the diffusors, and doing monthly product applications starting in May and going through August. Mr. Grote added that they were also contracted to do water quality and sediment sampling four (4) times a year. He noted that three (3) times a year when we are sampling we take algae samples as well.

Mr. Grote said the project was installed in the fall of 2018. As part of our assessment we perform annual sonar scans of the lake to evaluate the depth and the vegetation distribution and concentration in the lake. Every year we provide a report which explains and tells of our findings of that assessment. Your primary concern is the harmful algae blooms because we know the lake was closed in 2020, and 2021. We have made some changes in the bio augmentation part of the project due to the lake being closed.

Mr. Grote said one (1) of the objectives of this kind of program is to reduce muck at the bottom of the Lake. Organic muck tends to accumulate over time from debris that's washed into the lake from decomposing vegetation and algae. The muck becomes a nutrient sink so phosphorous and nitrogen that are in this matter become part of the muck; and in a low oxygen environment those nutrients can come into the water column and promote the growth of vegetation and algae. Clean Flo's first priority is to reduce the amount of muck by stimulating bacteria that rely on oxygen to decompose the muck convert the nutrients in the muck to elemental substances. They evaluate how that is going by the annual sonar scans done in the fall. Then they compare the scans from year to year. Mr. Grote did not bring those reports with him tonight.

He did say that he recalls the reports showed that the results were not as dramatic lately as in the first years. He added as far as the algae profile is concerned they have seen decreasing concentrations of the harmful algae species as well as increasing concentrations of diatoms and chlorophytes (green algae). That's what we want to see; but we haven't gotten where we want to be yet. The good news is that when we compare the amounts in 2021 they are lower than in 2020; and they are even lower than when we started.

Resident and Lake Peekskill Civic Association President Agnes Powe said, your report from your last sampling was in mid-July of 2021, and a week later the first beach was closed due to a harmful algae bloom and remained closed through October. Mr. Grote said it is still present and in high enough concentrations to have lake closures. That is not where we want to be but the trend is decreasing.

Ms. Powe said she has a number of concerns, and has also read all of your reports. She said according to your reports when you compare 2020 to 2021 the three (3) algae samples were all done before July. She continued and said typically you don't see water temperatures high enough to support harmful algae blooms until mid-July. The year-end report made generalizations from findings that are faulty. The lake needs to be tested in August and September to get an accurate reading; this makes your year-end report inaccurate in both its analysis of the algal population and the number of harmful algae blooms we actually had. The Putnam County Department of Health had closed the beaches because of suspicions, but the New York State Department of Health found far more HABS (Harmful Algae Blooms) than the Clean Flo reports indicate. In addition, one (1) of our beaches was closed for the entire summer; and there was still evidence of there being HABS. We also had a season long problem with oxygenation in the lake due to equipment failures.

Mr. Grote said if the blooms occur later in the summer that is when we should test. Mr. Grote then asked which beach was closed for the entire summer. Ms. Powe said Carrara's Beach; this is the Southwest side and is the area where the boats are stored. Mr. Grote enquired if this is the area where the algae is generally the most concentrated? Ms. Powe said it's the way the wind typically blows, the water is a little shallower there, and the way the flow of water is, it has all the ingredients for a HAB.

Ms. Powe said we also had inconsistent treatment of the lake with the bio-augmentation. Councilman Smith asked Mr. Grote if he was new to our lakes. Mr. Grote said he has been with Clean Flo for a little over a year. Mr. Grote said he will go back over the algae reports and look at the concentrations.

Supervisor Annabi said the DEC has been requesting from Clean Flo the permits regarding what you are putting into Lake Peekskill. Without knowing what the items are that you are putting in the lake; they no longer want you to put anything further into the Lake until the DEC permits have been given to us.

Supervisor Annabi said the last e-mail she has states that the DEC does not allow the use of nutrient sponges, however, Clean Flo has been using nutrient sponges; there are a lot of issues and unanswered questions. She added when you reached out to her and asked if you could go back to the original dosage amount; you never said what the original dosage amount was; nor what are the products you are using in our lake. This is very important. If we are still getting such high algae blooms; what did we spend \$250,000 on?

Ms. Powe said the original three (3) year contract and the contract renewal states that the bioaugmentation program consisted of a bio booster (Clean and Clear), and C-FLO+. It came to our attention when the contract was being renewed that C-FLO+ was no longer going to be used; and the quantity of product being applied was being reduced. There was no documentation of why the C-FLO+ was discontinued; and yet in the year-end 2021 report it refers to the problem with muck and is suggesting that algae control has been the priority not sediment, but that we could adjust our contract to add treatment for sediment; C-FLO+ is a muck reducer. It seems a little disingenuous that a product that had been used was discontinued without documentation, and then the year-end report is suggesting that for more money we could add products that do precisely what this product had done. It seems like a contradiction. The District Residents need some confidence in Clean Flo because there have been many oxygenation problems and the reports document those. In 2021 Clean Flo wanted to be on site for the system start-up due to problems with oxygenation, compressors, and air hoses. You found that there was a decrease in the oxygenation in May and then in the final sampling in October. So you saw there was a decrease in the oxygenation level in May and in October. So what were you doing between May and October? Why were repairs not done? Why were the air hoses not repaired when that was a major problem?

Mr. Grote wanted to go back to the contradiction between what we said in the report and requesting that the product budget be returned to add the C-FLO+. Supervisor Annabi said you had us stop using the C-FLO+, and then in the report you said for a certain amount of money we should go back to this. Why did you stop it, if it was a three (3) year contract to keep it in? Mr. Grote said he didn't think they recommended going back to C-FLO. He said the point in requesting the additional funds is that we did see pretty significant progress in the first couple of years of operation; and the idea was that given the current rate of progress we can probably reduce the budget for bioaugmentation. 2021 being what it was, we thought that prioritizing the bio-booster over the bacterial or enzyme products would be preferable and that if we could increase the quantity back of the bio-booster over Clean and Clear within the original budget then we would have better success with the algae. The bio-booster is the product that that we are primarily relying on to stimulate the diatoms and the green algae and reduce the blue green algae. Ms. Powe read the following from Clean Flo's annual report, "ultimately the current treatment plan in place is designed to control algae population and not sediment". She added that sediment is feeding the algae. Mr. Grote said he thinks that is an overstatement on his part. He said they are still using the Clean and Clear because that is the enzyme product; they are trying to reduce muck.

Supervisor Annabi said right now the contract is for maintenance; which we want you to continue doing; as far as the rest of the contract; we need to wait until the DEC has the list of the chemicals you have used in the lake and they tell us it is okay to go ahead. Mr. Grote asked if the Town Board is going to be interacting with the DEC. Supervisor Annabi said the conversations you had with the previous administration stated that Clean Flo was going to get all the DEC permits. She added that she was surprised when she got a call from the DEC saying they have no records of any permits. Mr. Grote said he will look into this. Supervisor Annabi and Ms. Powe thanked Mr. Grote for coming and taking on this issue. Supervisor Annabi asked him to keep her posted on what answers he gets.

Mr. Grote said about the oxygenation - last week when he was up here doing our monthly maintenance, product application, and sampling we checked the oxygen, and once again it was low in the deep hole. We tore up all of the lines between the shed and the lake and repaired everything that we found. We saw a couple of the diffusers were not putting out much air. We tore it all up and have found hose clamps were completely corroded – and that is not expected. We have never seen that before. Mr. Grote took a PH sample of the soil. Today we replaced the air line between the shed and the water line and put it in corrugated pipes so they are they are no longer exposed to the soil. We will continue to look at this closely and adjust what needs to be adjusted. We will back here again the last week of June.

Mr. Grote said another issue that has come up the last couple of times he has been here is the noise coming from the shed. Residents have complained about the sound. Supervisor Annabi confirmed that the loudness from the shed is indeed a problem. A resident in attendance said she was on the lake and it sounds louder than it did last year; even though they had the shed insulated last year. Mr. Grote said that could be the compressor working harder pushing the air through; the higher the pressure the higher the volume; but there is a release valve. It is a valid complaint. Ms. Powe asked if there are any solutions. Mr. Grote said this is not a unique concern. The direction of the wind has a huge effect; if it's a slight breeze and you are downwind you will hear it more clearly. He can think on this and will come up with some suggestions on different insulations such as spray foam, or other things, and get back to the Town Board.

## **SOLAR PANEL PERMITS**

Presented by Supervisor Annabi

Supervisor Annabi said we have previously passed a Solar Panel Law which limited them to five (5) kilowatts; however, we are almost done with our four (4) points, and if we accept the solar permits, (which expedites the process of a solar permit), we will be at the four (4) points. The only problem with that is the State requirement has to be 25 kilowatts (not 5), and according to our Town Planner and Town Engineer they don't believe it's a problem to move forward with that.

Councilman Smith said when they were planning the Solar Law, it was important to them to not destroy the look and feel of our Town. We did not want any nightmarish things to go on such as destroying tree and ridge lines, views etc. in our Town. We made sure we did not allow for any clear cutting or any extensive solar farms to be created. He continued and said, so we put the limit on residential solar panels at five (5) kilowatts. As education goes on you find that five (5) kilowatts is very small so you couldn't power much of anything in your home. The State has advocated for something called a Unified Solar Permit to allow people to put these improvements on their homes up to 25 kilowatts. In looking at this, the Town Planner and Town Engineer didn't see any difficulty with that, this is just for residential properties. So if we can get our Unified Solar Permit in line with the rest of the State, we can apply for grant money that's given to people who have taken the steps to protect the environment. That is what we are looking to do, and we want to make it easier for our residents.

Supervisor Annabi said the application for the Unified Solar Permit is very streamlined. Applicants would take it to our Building Department who would ask them such questions as: "Are the solar panels less than 25 kilowatts"? "Is this an historical building"? "Do any trees need to be cut down"? If you answer **no** to questions like these, you would be able to install your solar panels. If your answers are **yes** for any reason, then the Unified Permit would not be allowed.

Councilman Luongo asked if we need a Public Hearing on this. He said if we made a law and we are superseding parts thereof, we would need a Public Hearing. Supervisor Annabi said yes, we would have to change our Town Law and add the streamlined permit; so we do need a Public Hearing. We will set a date for the Public Hearing at the meeting on June 22<sup>nd</sup>.

**APPROVE LAKE OSCAWANA SUPERVISOR APPOINTMENT 2022 SEASON**

Presented by Councilman Luongo

**RESOLUTION #R22-223**

**RESOLVED** that the Putnam Valley Town appoint Jennifer Maroulis as the Lake Oscawana Beach Supervisor for the 2022 season at a salary of \$2,000.00 with no benefits. This appointment will run from May 27<sup>th</sup>, 2022 to September 5<sup>th</sup>, 2022.

Seconded by Councilman Russo, unanimously carried.

**APPROVE LAKE OSCAWANA HARVESTER OPERATOR APPOINTMENT, 2022 SEASON**

Presented by Councilman Luongo

**RESOLUTION #R22-224**

**RESOLVED** that Town Board authorize the Supervisor appoint Mark Yetter as the Lake Oscawana Assistant Harvester Operator for the 2022 cutting season (May – October), at an hourly rate of \$20.00 with no benefits, on an as needed basis.

Seconded by Councilman Smith, unanimously carried.

**APPROVE LPID BEACH MONITOR APPOINTMENTS 2022**

Presented by Councilman Luongo

**RESOLUTION #R22-225**

**RESOLVED** that Town Board appoint the following people as Beach Monitors for the 2022 season at an hourly rate of \$10.75 with no benefits. This position will run from Memorial Day Weekend (5/28) through Labor Day weekend (9/5).

- Brianna Gambichler
- Alexandria Drinovac

Seconded by Councilman Russo, unanimously carried



**AUTHORIZE SUPERVISOR TO ADOPT AND SIGN NEGATIVE DECLARATION –  
CAMP RECREATION BUILDING**

Presented by Supervisor Annabi

**RESOLUTION #R22-226**

**RESOLVED**, that the Town Board authorize the Supervisor to adopt and sign the Negative Declaration prepared by the Town's Wetlands Inspector for the winterization of the camp Recreation Building. The Environmental Assessment reveals that there will be no negative impact to the land surrounding the Recreation Building.

Seconded by Councilman Smith



## Town of Putnam Valley

June 8, 2022

DECLARATION OF LEAD AGENCY  
SEQRA DETERMINATION  
TOWN OF PUTNAM VALLEY TOWN BOARD  
PUTNAM VALLEY, NEW YORK

GRANT APPLICATION AND WINTERIZATION OF THE EXISTING  
RECREATIONAL BUILDING LOCATED IN THE TOWN CAMP FACILITY

**WHEREAS**, the Town of Putnam Valley is proposing to winterize the existing recreational building located in the town camp owned by the Town of Putnam Valley and located at 140 Brook Falls Road by the installation of a heating system and sheet rock in order to enable the use of the facility during the early Spring and late Fall; ("the proposed action"); and

**WHEREAS**, there is no proposed land disturbance or expansion of the size of the recreation building; and

**WHEREAS**, in order to provide funding for the proposed action, the Town Board of Putnam Valley has authorized the submission of a grant application to the Dormitory Authority of the State of New York; and

**WHEREAS**, in order to review the proposed action relative to potential environmental impacts, the Town Board has completed a Short-Term Environmental Assessment Form dated April 11, 2022, which has been executed by the Town Supervisor; and

**WHEREAS**, as per Resolution #R22-174 the Town Board Declared their Intent to act as Lead Agency for the proposed action and in that the Town Board is the sole involved agency, the Town Board thereby declares Lead Agency; and

**WHEREAS**, the Town Board has reviewed the short-form Environmental Assessment Form relative to the proposed actions; and

NOW THEREFORE BE IT RESOLVED THAT, the Town Board has determined that proposed action is a Type II Action pursuant to the New York State Environmental Quality Review Act (SEQRA) 6 NYCRR Part 617.5 (c) (2), and the Town Board finds that there are no negative environmental impacts associated with the proposed action and that further environmental review is not warranted.

Motion: Supervisor Annabi  
Second: Louie Luongo

	Yea	Nay	Abstention	Absent
Jacqueline Annabi	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Louie Luongo	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ralph Smith	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Stacey Tompkins	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Christian Russo	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Date: 6/8/2022

I certify that the above resolution was adopted by the Town of Putnam Valley Town Board at a meeting of the Board on the date set forth above.

  
\_\_\_\_\_  
Putnam Valley, NY Town Clerk

Filed at the Office of the Town Clerk, Putnam Valley, New York  
On the Date of: 6/9/2022

**APPROVE REPLACEMENT SEASONAL LABORER - HIGHWAY**

Presented by Councilman Smith

**RESOLUTION #R22-227**

**RESOLVED**, that the Town Board appoint Aidan Martin of 151 Secor Road, Mahopac, NY as a seasonal laborer replacing the previously appointed Mark Mazzarisi who withdrew his application. Aiden Martine will start on June 6, 2022 through September 2, 2022 at the rate of \$16.00 per hour with no benefits. If necessary, he may be utilized as a fill-in laborer after that date.

Seconded by Councilman Luongo, unanimously carried

**BUILDING DEPARTMENT REPORT- MAY 2022**

Presented by Councilman Russo

**RESOLUTION #R22-228**

**RESOLVED**, that the Town Board accept the Building Department daily fee report and summary for the month of May 2022, for filing with the Town Clerk.

T.C

6/3/2022

**TOWN OF PUTNAM VALLEY**  
**OFFICE OF BUILDING & ZONING**  
265 Oscawana Lake Road  
**Daily Fee Report - Summary**

From: 5/1/2022 To: 5/31/2022

<b>Fee Type</b>	<b>Count</b>	<b>Amount</b>
ADDITION/ALTERATION	1	\$606.00
ADDITIONAL FEE	1	\$2,191.00
CW	5	\$375.00
DECK	6	\$893.00
DEM/R	1	\$100.00
ELECTRI APP/NY ELEC	5	\$150.00
ELECTRIC APP/SWIS	22	\$660.00
GAS/PROPANE	8	\$625.00
GENERATOR PERMIT	1	\$75.00
HVAC	7	\$675.00
MI	3	\$1,105.00
PERM	13	\$4,092.00
PL	5	\$480.00
RE	13	\$3,654.00
REINSPECTION FEE	1	\$50.00
RU	1	\$200.00
SEARC	20	\$4,000.00
SOLAR PANELS	5	\$2,602.00
WETADM	1	\$50.00
WETL	1	\$100.00
WOOD STOVE PERMIT	1	\$75.00
WT/S	7	\$700.00
<b>Total Fees Collected:</b>	<b>128</b>	<b>\$23,458.00</b>
<b>Cash</b>	<b>10</b>	<b>\$1,004.00</b>
<b>Check</b>	<b>116</b>	<b>\$22,304.00</b>
<b>Money Order</b>	<b>2</b>	<b>\$150.00</b>

Seconded by Councilman Smith, unanimously carried

**AUDIT OF MONTHLY BILLS**

Presented by Supervisor Annabi

**RESOLUTION #R22-229**

**RESOLVED**, that the Town Board approve the following bills, after audit, being paid:

<b><u>VOUCHER NUMBERS</u></b>	<b><u>AMOUNTS</u></b>
38517-38787	158,680.64
38447-38792	111,573.57
38556-38804	60,731.35

Seconded by Councilman Smith, unanimously carried

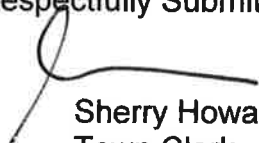
Supervisor Annabi moved to add an Executive Session to discuss a personnel issue at the end of this meeting with no further business being conducted after its conclusion. It was seconded by Councilman Luongo, unanimously carried.

Supervisor Annabi reminded everyone that Town Day is September 24<sup>th</sup>. There are a couple of applications available and very few spots left if you need electricity along the fence line. If you would like an application please call us at 845-526-2121 or email at [emcginty@putnamvalley.gov](mailto:emcginty@putnamvalley.gov). Supervisor Annabi thanked some of the sponsors of Town Day i.e. The Ana Anastasia Foundation who donated \$5,000.00, PCSB who donated \$2,000.00, Putnam Valley Gateway Chamber who donated \$250.00; and NYSE&G has pledged \$250.00.

Supervisor Annabi made a motion to close the meeting at 6:07 PM.

Seconded by Councilman Luongo, unanimously carried.

Respectfully Submitted



Sherry Howard  
Town Clerk  
06-17-2022