

DRAFT NO. 1 –2/16/2022

THE BOROUGH OF MANTOLOKING
MAYOR AND COUNCIL

MINUTES – CAUCUS AND REGULAR BUSINESS MEETING

Tuesday, February 15, 2022

5:30 P.M.

Mantoloking Borough Hall

Steve Gillingham Meeting Room

202 Downer Avenue

Mantoloking, New Jersey

In Person Meeting with a call-in option below

CALL: 425-436-6287

ACCESS CODE: 231051

CAUCUS MEETING

CALL TO ORDER: Mayor White called the meeting to order at 5:30 p.m.

Present: Mayor E. Laurence White, Councilman Amarante, Councilwoman Benz, Councilman Conti, Councilman Nelson, Councilwoman O’Mealia

Dialed in: Councilman Batcha

Absent: none

Also Present: Beverley A. Konopada, Borough Clerk, Lynne Hazelet, Deputy Clerk, April Yezzi, CFO, Chief Stacy Ferris, Public Work’s Manager, Scott Hulse, Brett Radi, Borough Administrator, Borough Attorney Cipriani, Esq., Borough Engineer, Larry Plevier

OPEN PUBLIC MEETING STATEMENT: Mayor E. Laurence White read the following statement:

In compliance with the provisions of the New Jersey Open Public Meetings Act, adequate notice of this meeting of the Mantoloking Borough Council has been advertised in the manner provided by law.

ROLL CALL:

Present: Mayor E. Laurence White, Councilman Amarante, Councilwoman Benz, Councilman Conti, Councilman Nelson, Councilwoman O’Mealia

Dialed in: Councilman Batcha

Absent: none

Also Present: Beverley A. Konopada, Borough Clerk, Lynne Hazelet, Deputy Clerk, April Yezzi, CFO, Chief Stacy Ferris, Public Work’s Manager, Scott Hulse, Brett Radi, Borough Administrator, Borough Attorney Cipriani, Esq., Borough Engineer Larry Plevier

A. REVIEW OF REGULAR MEETING AGENDA

B. BOROUGH COUNCIL DISCUSSION ITEMS FOR NEXT MONTHS AGENDA.

Discussion- Back Bay Flood Mitigation

Mayor White placed a one hour cap on the discussion and noted there would be several discussions regarding this topic.

Borough Attorney Cipriani explained the caucus portion of the meeting is a discussion for governing body and public to have presentation and information and ask questions. The purpose of the caucus is to help the governing body make plans for future action items.

Councilman Nelson discussed the topic of flooding issues in Mantoloking and the Barrier Island. Borough Engineer, Larry Plevier, P.E. was also in attendance to add to the discussion and answered questions.

A detailed report for Flood Mitigation and Back Bay Flooding was done two years ago and issued to the public in June of 2020. There have been several meetings and projects.

Active projects and what needs to be done moving forward:

- Promote a transparent dialogue with everyone
- Example working on a big problem Post Sandy and coming up with a solution of Beach Renourishment
- Back bay flooding a local initiative, moving forward it is a barrier island issue/
- Back bay flooding took on new urgency as a result of the last two or three episodes.
- This is an issue with no easy solutions in sight.
- Army Corp of Engineers did extensive study daming up on three inlets on the barrier islands, Manasquan, Barnegat and Little Egg Harbor. Long term solution, taking the east problem and making sure none of the ocean comes in at the times we have major flooding.

What are we doing locally - barrier island high level of water table

- Projects with success Old Bridge St. raised road
Bay Ave. regrading helped to mitigate level of flooding
Project of Barnegat and Clayton installing new piping, new check valves and regrading in the spring.
- Arnold St. and Bay Ave. has preliminary approval from the DOT to work on regrading
- Downer Ave. dewatering (pumping) Borough has pump stations and DOT takes care of Rt. 35, everything west of that if not tied in. Draining by gravity.
- Requested a tie in from DOT from Bay going down to Arnold St. around the corner tying in to the pump station. Received a non committal answer twice from DOT
- Does the council want to proceed filing for a permit which could be around \$30,000.
- Bay Head tied into 2 locations
- Borough is tied into the DOT system at Downer Ave. and Lyman St.
- Tying in to Downer comes with a significant expense.
- Tie in location between Princeton and Arnold \$600,000 - \$800,000
- Larry Plevier - A lot of utilities to be considered. Water transition lines that run from Rt. 35 to the pump station Bay Ave, gas lines under Barnegat Bay from Bricktown into Mantoloking, our own sanitary sewer force main that runs down Bay Ave and discharges the entire municipality into OCUA system for sewage, service connections, branch connections for hydrants. A lot of unknowns. DOT are pushing us into an option to make a permit submission.

Before Sandy there were a lot of interconnections between state and local . When the state got funding through federal highway to separate their systems out from the local systems. It will be interesting to see if we pursue this avenue with the permit what the state feedback will be. If you do make a connection between Princeton and Arnold, we can abandon the outfall pipe. That connection would eliminate the need for a local pump station. Many things to be considered.

- Larry Plevier we make an approach where the best case for isolating a location not being directly impacted by over topping the bulk head to the system and would have one connection between Princeton and Arnold all the way down to Downer.
- Doug Nelson. Council has to decide whether to pursue the permit application.
- Preliminary approval for work on Arnold will move ahead
- Flooding on Bergen, North and South Lagoon is a priority, working on several options to see what can be done there including possibility of bulkheading. Check valves keep the bay out but can't get rid of water because of back pressure.

Short term

- Finish up Barnegat/Clayton project
- Arnold Street local project
- Tie into the pump station application

Longer term – making the barrier island - barriers on either side

- Army Corp project is long term
- Possibility of bulk head ordinance, Mott MacDonald has drafted language which we be looked at in terms of what would be the bulkhead requirements, a new one or replacement
- Larry Plevier suggested elevation 4 for bulkheads. Would require a local permit. We can control the height, DEP does not regulate that. Consider any bulkhead above land or grade should be built as water tight as possible.
- Councilman Nelson noted he would need to involve the public on this and get feedback.
- Have a public forum on this long term and impactful as it is.
- No easy solution but it is critical for the survival of the barrier island.
- When you get into major flooding and catastrophic flooding you need a concerted effort of a much bigger group. That is the long term goal.
- Pump stations would need to be universal.

Councilwoman Benz - We are told it would cost to tie in the DOT pipes on Downer between \$600,000-\$800,000 how much would the actual application itself cost, with a potential NO answer to which Councilman Nelson replied less than \$30,000.

- Councilman Conti asked if some of the over wash from the non bulk headed beaches could this scuttle an application, to which Larry Plevier replied he was not sure how the DOT will respond. He tried to get a policy decision from the state and they wouldn't commit.
- DEP would prefer natural shorelines, rocks, revetments they would rather see the shoreline.

Councilwoman O'Mealia wanted to discuss funding opportunities for this type of work.

- The application is not covered in a DOT funded situation.
- Cares Act Money
- Borough took steps over the years to reserve funds for purchasing sand. Perhaps the borough would consider these funds for back bay flooding.
- There may be other sources for funding from Fema or other agencies that have oversight of a project like this.
- Council could consider putting money aside.

Larry Plevier will reach out to DOT on permit

- how long is a permit it valid.
- Permit clock begins date of contract.

DOT policy should be a collaborative effort multi-jurisdictional projects are different from collaborative effort. More complicated as far as contracts and sharing costs.

Councilwoman O'Mealia -If the barrier island gets together for a barrier island meeting with potentially 1,000 people, do you think the DOT could say no? Larry Plevier responded it would be a lot tougher. Benefits of regional support. Sometimes a project is only beneficial to one community.

Councilman Nelson once you get one, it's easier to more. We did this with the beach and that worked. Taking an initiative can make an impact.

Councilman Conti added that this is priority number one, top of his list of everything. Not a lot of money over a 10 year period. It comes to \$150.00 per house over a ten year financing period. He would not hold this up a day and wait for funding.

April Yezzi sought information on the American Rescue Plan, \$26,000. She finally got something in writing saying it would cover flood mitigation projects. Councilwoman O'Mealia advised that they would like to use it for the application.

Borough Attorney Cipriani, in getting the assistance and support of other municipalities. If a packet of plan shared with engineers in other municipalities to review, they would certainly provide resolutions of support to bolster the application.

Councilman Nelson, we have Downer Ave., Lyman St., and Mount St. in Bay Head, we know that the dewatering works in those pump stations.

Councilwoman O'Mealia

Actions items:

- What do we have to do to authorize and have Larry prepare a permit letter of proposal to Brett
letter of proposal and at the next meeting, do a resolution approving the work to be done with proposal.
Funding aspect definitely be a separate project

Councilwoman O'Mealia reported that there are two pump stations, one at Downer and one at Lyman. Application for both pump stations. Larry you can either go from Downer to Arnold or Downer to Princeton. She also mentioned doing our own pump station and our own dewatering not tying into the DOT pump Station which is another solution if they turn us down.

Larry addressed this for local pump stations:
long term costs,

- move more water with a pump
- local pump station electric panel set for controls above the flood elevation
- not alot of real estate
- limited to where to put it in our own right of way

He will have a conversation with BTMUA. They might partner with us.

Councilman Nelson

- agree to work quickly on permit application
- time for you to get with our colleagues on the barrier island
- monthly meetings with Mayor - discussed flooding everyone has it. Everyone anxious to find solutions to this.

Councilwoman O'Mealia – suggested inviting Mayors to the March meeting.

Action Item: encourage to have the first meeting

Borough Attorney Cipriani suggested putting this together on an afternoon, or early evening someday where this is just an internal discussion group. Encourage you to have two separate meetings. Initial meeting less formal, that is not a sunshine law meeting invite the Mayors and engineers sit around and talk, and then also schedule a meeting that is a public meeting and see how many of them want to attend. Two different kinds of meetings. It is important to have a less formal meeting first to get the maximum attendance and action at the second meeting with the public present and formality. At the first meeting you say what we would like to do here in Mantoloking and we are ready to move. We would like to have a public meeting with as many of you as and show that support, or do resolutions of support.

Jim Brown , 985 Barnegat Lane, Councilman Nelson did a great job . We need to have our act together at that first meeting. Find out what Mayors on the barrier island are interested.

John Tawgin, 1070 Barnegat Lane, agrees with John Conti and give Larry Plevier the go ahead.

Frank Donaldson, 1051 Barnegat Lane, feels the same way.

Administration-Chairwoman Lynn O'Mealia
Finance-Chairman Anthony Amarante
Land Use-Chairman Brad Batcha
Public Safety-Chairman Doug Nelson
Public Works-Chairman Anthony Amarante
Recreation-Chairwoman Barbara Benz

C. PUBLIC COMMENT PERIOD- State your name and address for the record. Once you have finished speaking, please place your phone or computer audio on mute.

ADJOURN CAUCUS MEETING:

MOTION: Councilman Amarante
SECOND: Councilwoman Benz
ALL IN FAVOR: Aye

Councilwoman O'Mealia thanked Larry Plevier for coming to the meeting tonight.

Borough Attorney Cipriani advised the governing body that a resolution and motion will be needed to authorize Larry Plevier to prepare the scope of work and proposal

RESOLUTION NO. 2022-52

A RESOLUTION AUTHORIZING LARRY PLEVIER TO PREOPARE A SCOPE OF WORK AND PROPOSAL

Be It Resolved, that the governing body of the Borough of Mantoloking hereby authorizes Borough Engineer, Larry Plevier to prepare a scope of work and proposal for flood mitigation measures.

ROLL CALL VOTE

Moved by Councilman Conti, seconded by Councilwoman Benz and approved by unanimous voice vote.

REGULAR BUSINESS MEETING

1. **CALL TO ORDER:** Mayor White called the meeting to order at 6:46 p.m.

2. **OPEN PUBLIC MEETING STATEMENT:** Mayor White read the following statement:

In compliance with the provisions of the New Jersey Open Public Meetings Act, adequate notice of this meeting of the Mantoloking Borough Council has been advertised in the manner provided by law.

3. **ROLL CALL:**

Present: Mayor E. Laurence White, Councilman Amarante, Councilwoman Benz, Councilman Conti, Councilman Nelson, Councilwoman O'Mealia

Dialed in: Councilman Batcha

Absent: none

Also Present: Beverley A. Konopada, Borough Clerk, Lynne Hazelet, Deputy Clerk, April Yezzi, CFO, Chief Stacy Ferris, Public Work's Manager, Scott Hulse, Brett Radi, Borough Administrator, Borough Attorney Cipriani, Esq., Borough Engineer Larry Plevier

4. **PLEDGE OF ALLEGIANCE:** Mayor White led the assembly in the Pledge of Allegiance.

5. **RESOLUTION NO. 2022-41**

RESOLUTION: MINUTES OF PREVIOUS MEETINGS

RESOLVED, the Mantoloking Borough Council approved the minutes of the following meeting as printed and distributed.

Reorganization Meeting- January 4, 2022

Caucus/Regular Business Meeting- January 18, 2022

ROLL CALL VOTE RESOLUTION 2022-41

Moved by Councilwoman O’Mealia, seconded by Councilman Nelson and approved by unanimous roll call vote.

6. **PRIVILEGE OF THE FLOOR:** Mayor White opened the meeting for public comment and questions about the agenda. State your name and address for the record. Once you have finished speaking, please place your phone or computer audio on mute.

No comments were made.

7. **FINANCE COMMITTEE (Budget, Grants, Reports, FEMA)**- Chairman Amarante presented the monthly reports.

RESOLUTION NO. 2022-42

RESOLUTION: THE REPORT OF THE MUNICIPAL FINANCE OFFICER

“SEE ATTACHED REPORT”

RESOLUTION NO. 2022-43

RESOLUTION: PAYMENT OF BILLS

WHEREAS, the municipal finance officer has presented

- A list of bills in the amount of \$311,189.70 with the recommendation they be paid, and
- There are bills in the amount of \$1,780,506.18 that have been paid with the approval of the municipal clerk and the mayor, now, therefore, be it

RESOLVED, the council approves the payment of all the bills and directs that a copy of these lists be attached to and made part of the minutes of this meeting.

RESOLUTION NO. 2022-44

RESOLUTION: TO ADOPT APPROPRIATION RESERVE TRANSFER #2

WHEREAS, N.J.S.A. 40A: 4-59 provides that in the first 3 months of the fiscal year, the amount of any appropriation reserve for the immediately preceding fiscal year is insufficient to pay the claims authorized or incurred during said preceding year which were chargeable to said appropriation, and there shall be an excess in any appropriation reserves over and above the amount deemed to be necessary to fulfill its purpose, the governing body may, by resolution adopted

by not less than a 2/3 vote of the full membership thereof, transfer the amount of such excess to an appropriation reserve or an appropriation in the prior budget deemed to be insufficient to fulfill its purpose or for which no reserve was provided.

WHEREAS, the Chief Financial Officer has advised the Mayor and Council of the Borough of Mantoloking that the need for certain transfers within the 2021 Appropriation Reserves exists; and

WHEREAS, it is recommended that these appropriation reserve transfers be made;

NOW, THEREFORE BE IT RESOLVED by the governing body of the Borough of Mantoloking that the following budget transfers be made for the 2021 Appropriation Reserve balances:

<u>DEPARTMENT</u>	<u>TO</u>	<u>FROM</u>
Insurance – Health OE		\$22,500.00
Ocean County		
Utilities Authority OE	\$45,000.00	
Liability – Information		
Technology OE		\$ 7,500.00
Engineering OE		\$15,000.00
TOTAL	\$45,000.00	\$45,000.00

Amended at the table with updated resolution below.

RESOLUTION NO. 2022-45

RESOLUTION TO ADOPT TEMPORARY EMERGENCY APPROPRIATIONS #1

WHEREAS, N.J.S.A. 40A: 4-20 provides that an addition to temporary appropriations necessary for the period prior to the adoption of the budget and regular appropriations, the Governing Body may, by resolution adopted by 2/3 vote of the full membership thereof, make emergency temporary appropriations for any purpose for which the appropriations may lawfully be made for the period between the beginning of the current fiscal year and the date of the adoption of the budget for said year.

WHEREAS, the total emergency temporary resolutions adopted in the year 2022 pursuant to the provisions of Chapter 96, P.L. 1951 (N.J.S.A. 40A: 4-20) including this resolution total **\$1,942,728.00**.

NOW THEREFORE BE IT RESOLVED by the Governing Body of the Borough of Mantoloking, that in accordance with the provisions of N.J.S.A. 40A: 4-20, the Chief Financial Officer be authorized to make the following emergency temporary budget appropriations in the 2022 current fund temporary budget and that said amounts be included under the correct headings in the municipal budget as adopted.

BE IT FURTHER RESOLVED that one certified copy of this resolution be filed with the Director of the Division of Local Government Services and one certified copy with the Chief Financial Officer.

<u>DEPARTMENT</u>	<u>S&W</u>	<u>OE</u>
Finance		\$ 10,000.00
Computer Technology		\$ 5,000.00
Legal		\$ 10,000.00
Engineering		\$ 25,000.00
Group Health Insurance		\$ 70,000.00
Police	\$ 95,000.00	\$ 25,000.00
Emergency Management	\$ 1,000.00	
Road Repair	\$ 25,000.00	\$ 10,000.00
Garbage & Trash Removal		\$ 25,000.00
Buildings & Grounds		\$ 10,000.00
Sewer		\$ 10,000.00
Beach Access	\$ 8,000.00	\$133,500.00
Beach Maintenance		\$ 10,000.00
Corona Virus Cost – State of Emergency		\$ 2,500.00
Electricity		\$ 2,500.00
Telephone		\$ 2,500.00
Ocean County Utilities Authority		\$10,000.00
DCRP		\$ 1,500.00
Social Security		\$ 5,000.00
Shares Services – Information Technology		\$ 5,000.00
 TOTAL	 \$129,000.00	 \$372,500.00
GRAND TOTAL	\$ 501,500.00	

Councilwoman O’Mealia had a question regarding how the lifeguard contract is paid, to which Councilman Amarante responded in installments. CFO April Yezzi added that it has to be available in the budget and have certification of funds at the time we process the payment.

RESOLUTION NO. 2022-46

RESOLUTION TO CANCEL AND REFUND 2021 TAXES AS A RESULT OF COUNTY ADDED/OMITTED TAX APPEALS

WHEREAS, a successful County Tax Appeal judgment was awarded to each of the following block and lot parcels described below, changing the added/omitted assessed values for 2021 as follows, and **WHEREAS**, the reduction in taxes has caused a reduction or overpayment of taxes for the parcels identified below,

NOW, THEREFORE, BE IT RESOLVED by the Borough Council of the Borough of Mantoloking, County of Ocean, State of New Jersey, that the Tax Collector be and is hereby authorized to reduce the 2021 and 2022 tax billings on the following properties due to the successful County Tax Appeal for added/omitted taxes including amendments, in the amount of \$68,060.76, and overpayments as a result of a tax appeal be refunded in the amount of \$68,060.76.

AMOUNT TO

<u>BLOCK</u>	<u>LOT</u>	<u>NAME & ADDRESS</u>	<u>BE REFUNDED</u>
24	17	Donaldson – 1051 Barnegat Lane	\$ 6,627.26
23	43	Dheri – 1105 Ocean Avenue	\$29,266.20
23	9	Ginrich 1037 LLC – 1037 Ocean Avenue	\$22,506.88
13	11	Kohn – 965 Barnegat Lane	\$ 8,520.33
8	11	Harmolly, LLC – 954 East Avenue	\$ 1,140.09

Councilman Amarante asked April Yezzi, CFO/CTC to comment : there was an issue with the Tax Assessor new program for property class valuation -BRT. When it was submitted and returned back to Finance that was incorporated into our tax program. The system calculated on certain properties that were getting added for that property valuation and it doubled it. Residents had to pay that tax by the end of the year in order not to be delinquent and have a tax year end penalty. The Tax Assessor had to do a special appeal process, a tax appeal amendment with the county that had to be done before the end of the year. We had to make all the calculations based on that tax appeal amendment for these properties. This resolution is a result of cancelling the amendment, without the added and omitted valuation and refunding back to property owners.

ROLL CALL VOTE RESOLUTIONS 2022-42 through 2022-46

Moved by Councilman Amarante, seconded by Councilman Conti and approved by unanimous roll call vote.

8. **PUBLIC SAFETY COMMITTEE** (Police, Fire, First Aid, OEM, Court)- Chairman Nelson will present the monthly reports.

RESOLUTION NO. 2022-47

RESOLUTION: APPOINTMENT OF PERSONNEL – SEASONAL PART TIME HELP

RESOLVED, the Mayor and Council of the Borough of Mantoloking, Ocean County, New Jersey approves the following appointments with the terms and conditions indicated:

Name	Position	Effective Date	Salary
Taylor Boschetti	SLEO II	2/15/2022	\$ 17.50
Michael Gippetti	SLEO II	2/15/2022	\$ 17.50

RESOLUTION NO. 2022- 48

RESOLUTION OF THE BOROUGH OF MANTOLOKING, COUNTY OF OCEAN, STATE OF NEW JERSEY, AUTHORIZING THE EXECUTION OF A SHARED SERVICES AGREEMENT BETWEEN THE BOROUGH OF MANTOLOKING AND THE OCEAN COUNTY PROSECUTORS OFFICE “MOVE OVER” LAW ENFORCEMENT PROGRAM

WHEREAS, it is deemed to be in the public interest to participate in the Ocean County “Move Over Law Enforcement

Program” (hereinafter referred to as M.O.L.E.P.); and;

WHEREAS, the purpose of this program is to identify, educate and remove reckless drivers from the roadway; and

WHEREAS, the M.O.L.E.P. receives funding from the State of New Jersey and County of Ocean; and

WHEREAS, the Shared Services Act, N.J.S.A. 401:8A-1 et seq., authorizes local units as defined in the Act to enter into a joint agreements for the provision of governmental services; and

WHEREAS, the Municipality wishes to enter into an Agreement with the County for purpose of setting forth the terms and conditions regarding the assignment of police officers employed by the Municipality to the M.O.L.E.P.; and

WHEREAS, all the terms and conditions of the proposed Shared Services Agreement have been reviewed by counsel; and

IT IS NOW, THEREFORE, this 15th day of February 2022, **RESOLVED** by the Mayor and Council of the Borough of Mantoloking, Ocean County New Jersey, that the Borough shall participate in the Shared Services Agreement and the Mayor and Clerk are authorized to execute the Agreement in the form annexed.

Councilwoman O’Mealia had a question regarding hiring seasonal help. Chief Ferris reported that the two officers have been working for us. The Borough is required to re-hire them in the beginning of the year so this a reappointment.

ROLL CALL VOTE RESOLUTIONS 2022-47 through 2022-48

Moved by Councilman Nelson, seconded by Councilwoman Benz and approved by unanimous roll call vote.

9. **LAND USE COMMITTEE (Building, Zoning, Land Use Board, Flooding)**- Chairman Batcha will present the monthly reports.

Councilman Batcha commended Councilman Nelson for his excellent presentation earlier in the caucus. He concurred with everyone who said that this is the most important issue we have for the town going into the future. Now that we have adequately restored our beaches and have our dune system in place, this is the next thing we really have to concentrate on and stay ahead of this. He hopes this discussion continues monthly.

10. **PUBLIC WORKS COMMITTEE (Public Works, Engineering, Code Enforcement)**- Chairman Amarante will present the monthly reports.

RESOLUTION NO. 2022-51

RESOLUTION OF THE BOROUGH OF MANTOLOKING, COUNTY OF OCEAN, STATE OF NEW JERSEY, APPOINTING BRETT RADI AS A PART-TIME CODE ENFORCEMENT OFFICER FOR THE INSPECTIONS DEPARTMENT

WHEREAS, the Borough of Mantoloking has great need for Code Enforcement services; and

WHEREAS, the Borough Administrator has offered to provide such services on an as-needed basis with no additional compensation for such services; and

WHEREAS, it is the desire of the governing body to appoint Brett Radi to the position of Code Enforcement Officer.

NOW, THEREFORE, BE IT RESOLVED, by the Mayor and Borough Council of the Borough of Mantoloking, County of Ocean, State of New Jersey, as follows:

1. That the Mayor and Borough Council do hereby appoint Brett Radi as part-time Code Enforcement Officer on an as-needed basis, effective February 15, 2022.

2. That Brett Radi shall continue to receive his salary as Borough Administrator but shall receive no additional compensation for provision of Code Enforcement services.

3. That a certified copy of this resolution shall be forwarded to the Chief Financial Officer and Brett Radi.

Borough Administrator Radi, let the public know we are investigating a shared service for this function. This will not become a mainstream of his job, only as needed as a backup. He and Jean Cipriani are working together collaboratively with adjacent municipality to address these issues for the long term.

ROLL CALL VOTE RESOLUTIONS 2022-51

Moved by Councilman Amarante seconded by Councilman Nelson and approved by unanimous roll call vote.

11. ADMINISTRATION & LEGAL COMMITTEE (Administration, Personnel and Law, Insurance, Technology)-
Chairwoman O'Mealia presented the monthly reports.

Councilwoman reported the following:

- Finish up our purchase of laptops for key employees so they can work remotely if needed
- Laptop for the public meeting room to use for zoom meetings when needed
- Police cameras arriving and the software will be put into place shortly.
- Recodification on going process
 - Borough Attorney Cipriani updated- February committee meetings are being held with all committees. Code sections, chapters or topics that are discussed in public as we go, and the forecast for a completion date sometime in June.
- Execution of job descriptions is ongoing for each position in the borough. Expect completion the end of March. Implementing performance evaluation system and training for that type of review system. These are recommendations from Cotter Management Report
- Employee Safety Committee. Ongoing research with the insurance company.

12. RECREATION COMMITTEE (Recreation, Beach, Beautification)- Chairwoman Benz presented the monthly reports.

Councilwoman Benz reported the following:

- Twelve beach employees returning from last year. They need a total of thirty.
- Expecting a rush of applicants in March and if needed, advertising in the newspaper can be done, contacting local high schools and colleges
- On schedule for pre-sales for badges begins April 1, \$85. \$95 when the season begins.

Environmental -dates coming up:

- Beach Clean up, we do in conjunction with Clean Ocean Action Saturday, April 9th
- Applied for and accepted for 100 seedlings (barrier island appropriate from New Jersey Tree Recovery Campaign, DEP N.J. Forest Service). We plan to distribute on Earth Day, April 22nd.

RESOLUTION NO. 2022-49

RESOLUTION OF THE BOROUGH OF MANTOLOKING, COUNTY OF OCEAN, STATE OF NEW JERSEY AUTHORIZING THE SUSTAINABLE JERSEY® GRANT FUNDED BY PSEG

WHEREAS, a sustainable community seeks to optimize quality of life for its residents by ensuring that its environmental, economic and social objectives are balanced and mutually supportive; and

WHEREAS, the Borough of Mantoloking strives to save tax dollars, assure clean land, air and water, improve working and living environments; and

WHEREAS, the Borough of Mantoloking is participating in the Sustainable Jersey Program; and

WHEREAS, one of the purposes of the Sustainable Jersey Program is to provide resources to municipalities to make progress on sustainability issues, and they have created a grant program called the Sustainable Jersey Small Grants funded by PSEG;

THEREFORE, the Borough Council of the Borough of Mantoloking has determined that the Borough of Mantoloking should apply for the aforementioned Grant.

THEREFORE, BE IT RESOLVED, that Borough Council of the Borough of Mantoloking, State of New Jersey, authorize the submission of the aforementioned Sustainable Jersey Grant funded by PSEG.

Councilwoman Benz reported that his is a \$2,000 grant that was just submitted for and hoping we receive funding which will help offset the cost for a number of different programs that we are moving forward with.

RESOLUTION NO. 2022-50

RESOLUTION OF THE BOROUGH OF MANTOLOKING, COUNTY OF OCEAN, STATE OF NEW JERSEY, AUTHORIZING EXECUTION OF AGREEMENT WITH TCAF INC. D/B/A AQUA SERVE LIFEGUARDS, FOR THE PROVISION OF LIFEGUARDING SERVICES

WHEREAS, there exists a need for the performance of lifeguarding services for the Borough of Mantoloking; and

WHEREAS, the Qualified Purchasing Agent has determined and certified in writing that the anticipated value of the contract will exceed \$17,500; and

WHEREAS, the Borough issued a request for proposals for lifeguarding services in compliance with Ch. 19, P.L. 2004; and

WHEREAS, all proposals were to be submitted to the Office of the Borough Clerk by February 11, 2022; and

WHEREAS, the Qualified Purchasing Agent has reviewed the proposals submitted and recommends TCAF Inc. d/b/a Aqua Serve Lifeguards be selected to perform the needed lifeguarding services; and

WHEREAS, the Borough has determined that TCAF Inc. d/b/a Aqua Serve Lifeguards has the ability and expertise to perform the lifeguarding services required by the Borough; and

WHEREAS, the Chief Financial Officer has certified that there are funds available for this contract, which certification is annexed hereto; and

WHEREAS, the Local Public Contracts Law, N.J.S.A. 40A:11-1 et seq., requires that the resolution and contract be made available for public inspection.

NOW, THEREFORE, BE IT RESOLVED by the Mayor and Borough Council of the Borough of Mantoloking, County of Ocean, State of New Jersey, as follows:

1. That the Mayor is hereby authorized to execute and the Borough Clerk to attest to, respectively, an agreement with TCAF Inc. d/b/a Aqua Serve Lifeguards in the amount of \$133,500.00 for lifeguarding services and the supplying of necessary equipment, such agreement to be in a form acceptable to the Borough Administrator and Borough Attorney.

2. That this contract is awarded pursuant to a fair and open public solicitation process in compliance with Ch. 19, P.L. 2004.
3. That a copy of the written determination of value by Qualified Purchasing Agent shall be placed on file with this resolution.
4. That this resolution shall take effect immediately.
5. That a certified copy of this resolution shall be provided by the Borough Clerk to the Chief Financial Officer and TCAF Inc. d/b/a Aqua Serve Lifeguards.

Councilwoman explained that bids came in, equipment that is not included are ATV's and Life Guard Stands, We went with the \$133,500 option . Last year we spent \$130,500, it is only \$3,000 more. Hourly wages have gone up.

ROLL CALL VOTE RESOLUTIONS 2022-49 through 2022-50

Moved by Councilwoman Benz, seconded by Councilman Conti and approved by unanimous roll call vote.

13. MAYOR AND COUNCIL COMMENTS:

Mayor White wanted to emphasize that is it not too late to winterize your home. One way to do this is to lower the temperature in house and have it consistent.

14. PUBLIC COMMENTS PERIOD: State your name and address for the record. Once you have finished speaking, please place your phone on mute.

John Wesson, 1556 Runyon Lane, thanked Mayor White and the Police Department for addressing the issue on the cul-de-sac on Runyon Lane. Its been very crowded and a lot of parking. Making it very difficult for emergency apparatuses and garbage trucks could not turn around. He is grateful and so are the other immediate neighbors.

Chief Ferris reminded everyone that on Friday,Bay Head and Mantoloking Police Department will be holding Emergency drill and training with their training weapons at the Bay Head School. The guns are specifically for training , they do not deploy live rounds, and are like paint ball style rounds. The Ocean County Prosecutors office will be out with us, Pt. Pleasant Beach P.D. , Point Pleasant Borough P.D. . This is joint training that we have to do for the Attorney General Guidelines to meet the mandates. There will be safety officers on site to make sure gun are training guns only. Two days of training February 18th and 21st.

15. NEXT MEETING: Caucus and Regular Business Meeting, Tuesday, March 15, 2022, 5:30 p.m. at Mantoloking Borough Hall, Steve Gillingham Meeting Room, 202 Downer Avenue, Mantoloking, NJ 08738

16. **ADJOURNMENT:**

There being no further business for the meeting, it was motioned by Councilwoman Benz seconded by Councilman Amarante and approved by unanimous voice vote to adjourn the meeting at 7:18 p.m.

Respectully submitted,

Beverley A. Konopada
Borough Clerk

The BOROUGH of MANTOLOKING

2021 SUMMARIZED BUDGET STATUS REPORT AS OF JANUARY 31, 2022 (With 2022 Temporary Budget #'s)

ACCOUNT	2019	2020		2021		% of Budget	2022		% of Budget
	Actual	Budget	Actual	Budget	Actual		Budget	Actual	
EXPENDITURES & APPROPRIATIONS									
GENERAL GOVERNMENT	826,471	862,550	778,818	869,007	759,503	87.40%	221,375	47,371	21.40%
Municipal Clerk, Finance Officer, Attorney, Auditor, Engineer, Assessor, Tax Collector									
LAND USE ADMINISTRATION / PLANNING BOARD	43,745	52,110	41,228	52,000	22,710	43.67%	19,000	1,910	10.05%
Planning Board, Zoning & Land Use Official									
UNIFORM CONSTRUCTION CODE ADMINISTRATION	149,727	170,590	139,228	160,838	139,070	86.47%	43,500	9,374	21.55%
Construction & Building Subcode Officials, Building Inspector									
INSURANCE	487,065	499,662	496,372	581,605	512,970	88.20%	200,000	9,019	4.51%
Flood, Fire, Liability, Workers Comp, Employee Benefits									
PUBLIC SAFETY	1,393,948	1,423,115	1,415,792	1,461,696	1,434,658	98.15%	228,500	109,670	48.00%
Police, Fire, Emergency Management									
MUNICIPAL COURT	42,728	50,797	44,058	51,740	45,139	87.24%	12,000	3,760	31.34%
Judge & Public Defender									
PUBLIC WORKS	397,940	521,393	464,517	542,300	485,796	89.58%	126,648	55,207	43.59%
Road, Beach, & Public Building Maintenance, Sewers, Garbage Collection									
HEALTH & HUMAN SERVICES	3,929	4,250	3,939	4,250	3,949	92.92%	2,500	300	12.00%
Board of Health, Dog Control									
PARKS, RECREATION, & BEACH	317,347	361,627	288,938	422,748	384,832	91.03%	22,000	500	2.27%
Beach Access, Operation, & Maintenance									
SICK LEAVE TRUST	35,000	0	0	0	0	0.00%	0	0	0.00%
Compensation for retiring police officers with unused leave									
UTILITIES	144,961	171,500	141,256	181,500	154,656	85.21%	31,500	5,001	15.88%
Gas, Electric, Water, Telephone, Motor Fuel									
PENSIONS & RETIREMENT	397,153	440,424	425,371	539,298	517,222	95.91%	452,205	7,599	1.68%
Employer Payments for Social Security & Employee Pensions									
SEWER SYSTEM - Ocean Utilities Authority	149,431	149,100	187,482	156,170	121,170	77.59%	35,000	0	0.00%
Shared Municipal Service									
Wastewater Plant Maintenance	14,000	14,000	14,000	14,000	14,000	100.00%	0	0	#DIV/0!
PUBLIC & PRIVATE PROGRAMS	16,864	17,506	17,506	579,298	579,298	100.00%	0	0	#DIV/0!
Expenditures Paid by the State and Offset by Revenues									
CAPITAL IMPROVEMENTS	26,793	10,100	10,100	138,174	138,174	100.00%	45,000	34,300	76.22%
Capital Projects Approved for Current Expense Budget									
DEBT SERVICE	347,650	357,800	357,800	366,575	366,575	100.00%	0	0	#DIV/0!
Payment of Principal & Interest on Bonds, Bond Anticipation Notes, & Other Borrowing									
DEFERRED CHARGES	40,000	260,000	249,166	132,834	132,782	99.96%	2,000	318	15.90%
Appropriations to Pay for Previously Approved Improvement Authorizations									
RESERVE FOR UNCOLLECTED TAXES	302,528	302,428	302,428	302,428	302,428	100.00%	0	0	#DIV/0!
To Avoid a Cash Shortfall									
TOTAL EXPENDITURES/APPROPRIATIONS	5,137,280	5,668,952	5,378,000	6,556,460	6,114,932	93.27%	1,441,228	284,329	19.73%
REVENUES & FUND BALANCE									
						% of Collection			% of Collection
FUND BALANCE ANTICIPATED	700,000	830,000	830,000	690,000	690,000	100.00%	0	0	#DIV/0!
GRANTS RECEIVABLE				561,318					
MISCELLANEOUS REVENUES	828,542	753,748	976,006	1,130,410	1,182,107	104.57%	9,622	49,478	514.22%
Fees for Municipal Services, Court Fines, FEMA Reimbursements, State Aid									
DELINQUENT TAXES	34,435	34,401	38,193	35,000	35,000	100.00%	35,000	0	0.00%
LOCAL TAX LEVY	3,869,730	4,050,803	4,040,488	4,139,732	4,103,638	99.13%	924,635	0	0.00%
TOTAL REVENUES & FUND BALANCE	5,432,707	5,668,952	5,884,687	6,556,460	6,010,745	91.68%	969,257	49,478	5.10%

BOROUGH OF MANTOLOKING
CAPITAL IMPROVEMENTS
JANUARY 31, 2022

ORD # ORD NAME	BALANCE AS OF 1/1/2021	2020 AUTH/ CANCELLED	ENCUMBERED	PAID TO DATE	BALANCE	BAL FUNDED	BAL UNFUNDED
#534 BORO GARAGE	6,416.70	0.00		0.00	6,416.70	6,416.70	0.00
#569 SANITARY SEWERS	25,032.50	0.00	25,032.50	0.00	0.00	0.00	0.00
#581 BERGEN LAGOON LANE	444.68	0.00	0.00	0.00	444.68	0.00	444.68
#586 BERGEN CHANNEL	553.59	0.00	0.00	0.00	553.59	0.00	553.59
#598 BTMUA IMPROVEMENTS	545.98	0.00	0.00	0.00	545.98	0.00	545.98
#607 OLD BRIDGE/BAY AVE	755.09	0.00	0.00	0.00	755.09	0.00	755.09
#608 REPLACE FIREHOUSE DOORS	758.34	0.00	0.00	0.00	758.34	0.34	758.00
#611 WALKWAY #4	0.94	0.00	0.00	0.00	0.94	0.94	0.00
#615 HERBERT ST PUMP STATION	209,579.89	0.00	0.00	0.00	209,579.89	0.00	209,579.89
#628 FIREHOUSE IMPROV	50,898.22	0.00	0.00	0.00	50,898.22	50,897.49	0.73
#654 BEACH PROTECTION	31,112.59	0.00	0.00	0.00	31,112.59	31,112.59	0.00
#656 CONSTR. MUNI BLDG	621,440.53	0.00	2,838.00	0.00	618,602.53	191,314.23	427,288.30
#659 BEACH REPLEN.	68,348.70	0.00	0.00	0.00	68,348.70	68,348.70	
#658 VARIOUS CAP IMPROVE	25,492.22	0.00	0.00	1,823.49	23,668.73	23,668.73	
#710 VARIOUS CAP IMPROVE	25,000.00		0.00	0.00	25,000.00	25,000.00	
#727 ACQUISITION-FIRE TRUCK	285,000.00	0.00	260,000.00	0.00	25,000.00	0.00	25,000.00
TOTAL	1,351,379.97	0.00	287,870.50	1,823.49	1,061,685.98	396,759.72	664,926.26

**BOROUGH OF MANTOLOKING
BILL LIST
FEBRUARY 15, 2022**

INVOICES PAID THROUGH THE MEETING

2021 CURRENT FUND RESERVE	<u>AMOUNT</u>
	42,814.38
2022 CURRENT FUND APPROPRIATIONS	256,194.42
ANIMAL CONTROL ACCOUNT	0.00
PAYROLL ACCOUNT	1,170.80
GENERAL CAPITAL	10,930.10
TRUST OTHER	80.00
UNEMPLOYMENT TRUST	0.00
DEVELOPERS TRUST	0.00
INSURANCE PROCEEDS-CURRENT FUND REVENUE	<u>0.00</u>
TOTAL ALL FUNDS	<u>311,189.70</u>

MANUAL CHECKS

	<u>VENDOR</u>	<u>DATE</u>	<u>CK#</u>	<u>AMOUNT</u>
CURRENT FUND - AT&T		1/25/2022	33006	1.99
CURRENT FUND - BRICK TOWNSHIP MUA		1/25/2022	33007	1,029.12
CURRENT FUND - COMCAST - XFINITY		1/25/2022	33008	1,269.28
CURRENT FUND - JCP&L		1/25/2022	33009	2,226.87
CURRENT FUND - JCP&L STREET LIGHTING		1/25/2022	33010	798.78
CURRENT FUND - LUX SCI		1/25/2022	33011	5,377.14
CURRENT FUND - MY CORPORATE HOSTING SOLUTIONS		1/25/2022	33012	696.42
CURRENT FUND - VERIZON		1/25/2022	33013	356.54
CURRENT FUND - NJ NATURAL GAS		1/25/2022	33014	2,399.98
CURRENT FUND - OCEAN COUNTY - TAXES		1/25/2022	33015	1,655,934.28
CURRENT FUND - VERIZON WIRELESS		1/25/2022	33016	630.91
CURRENT FUND - WINDSTREAM COMMUNICATIONS, LLC		1/25/2022	33017	1,642.33
CURRENT FUND - CMRS - FP		1/25/2022	33018	1,000.00
CURRENT FUND - FP FINANCE		2/1/2022	33019	203.00
CURRENT FUND - WHITE, E. LAURENCE		2/8/2022	33020	722.91
PAYROLL - MANTOLOKING CURRENT FUND		2/1/2022	2466	10,742.04
PAYROLL - JANUARY 30, 2022 PAYROLL		1/2/8/2022	WIRE	95,474.59
				<u>1,780,506.18</u>
				<u>2,091,695.88</u>
				GRAND TOTAL

P.O. Type: All

Range: First to Last

Format: Condensed

Open: N

Paid: N

Void: N

Rcvd: Y

Held: Y

Aprv: N

Bid: Y

State: Y

Other: Y

Exempt: Y

PO #	PO Date	Vendor	PO Description	Status	Amount	Void Amount	PO Type
21-00151	02/23/21	W0053	WAGE WORKS	HEALTHCARE BENEFITS : 2021	Open	100.00	0.00 B
21-00436	05/21/21	W0060	WITMER PUBLIC SAFETY GROUP INC	WEAPONS	Open	145.00	0.00 B
21-00669	08/02/21	D0035	DUNPHEY-SMITH COMPANY	AIR FILTERS	Open	117.60	0.00
21-00759	09/01/21	L0017	LONG'S AIR CONDITIONING	A/C HEATER MAINTENANCE	Open	810.00	0.00
21-00790	09/09/21	W0060	WITMER PUBLIC SAFETY GROUP INC	PURCHASE POLICE WEAPONS -2021	Open	2,366.00	0.00 B
21-00796	09/13/21	N0075	NEW JERSEY-DIV WGTS & MEASURES	TUNNING FORKS	Open	100.00	0.00
21-00940	10/29/21	B0008	BRICK TOWNSHIP MUA	SANITARY SEWER CLEANING WORK	Open	10,930.10	0.00 B
21-00979	11/08/21	G0087	GALLS LLC	POLICE UNIFORMS - LARUE	Open	698.31	0.00
21-00994	11/15/21	M0056	GENERAL SALES ADMINISTRATION	INSTALL EQUIPMENT: 2021 CHEVY	Open	6,026.07	0.00 B
21-01032	11/29/21	I0033	INTERSTATE MOBILE CARE, INC	HEARING TESTING	Open	142.00	0.00
21-01087	12/21/21	I0003	INSTITUTE FOR PROFESSNL DEVLPM	ANNUAL FINANICAL STATE WEBINAR	Open	50.00	0.00
21-01095	12/21/21	L0017	LONG'S AIR CONDITIONING	FURANCE REPAIR FOR DPW	Open	1,393.99	0.00
21-01104	12/21/21	M0056	GENERAL SALES ADMINISTRATION	VEHICLE MAINTENANCE	Open	1,016.50	0.00 B
21-01108	12/30/21	A0215	AMAZON.COM SERVICES, INC.	50 COVID TESTINNG KITS	Open	899.00	0.00
21-01111	12/31/21	A0215	AMAZON.COM SERVICES, INC.	40 COVID TESTING KITS	Open	719.20	0.00
21-01129	12/30/21	M0027	MGL PRINTING SOLUTIONS	1099 NEC & MISC FORMS FOR 2021	Open	233.00	0.00
21-01130	12/30/21	N0099	NESTLE WATERS NORTH AMERICA	WATER DELVIERY 12/2021	Open	238.28	0.00
22-00001	01/20/22	T0064	TRUIS INC	SNOW PLOW PARTS	Open	251.16	0.00
22-00002	01/20/22	W0059	WB MASON	OFFICE SUPPLIES JANUARY 2022	Open	130.30	0.00
22-00003	01/21/22	C0002	COSTCO COMPANY	SUPPLIES 01-2022	Open	315.57	0.00
22-00004	01/21/22	O0018	OCEAN COUNTY POLICE CHIEF ASSN	2022 MEMBERSHIP DUES	Open	200.00	0.00
22-00005	01/21/22	O0035	OCEAN COUNTY MAYORS' ASSOC	OC MAYOR'S MEETING 12/08/21	Open	20.00	0.00
22-00006	01/21/22	R0058	REPUBLIC SERVICES, INC	RESIDENTIAL SERVICE 01/2022	Open	14,572.63	0.00
22-00007	01/21/22	I0029	IACP	2022 ACTIVE DUES - POLICE	Open	190.00	0.00
22-00008	01/21/22	C0037	CONDON & SKELLY, INC	2022 AUTO RENEWAL	Open	148.60	0.00
22-00009	01/21/22	R0057	THE RODGERS GROUP, LLC	YEARLY SUBSCRIPTION TRAINING	Open	2,782.56	0.00
22-00010	01/21/22	P0071	POINT PLEASANT BEACH	SCHOOL TAXES JAN-JUN 2022	Open	10,149.00	0.00 B
22-00012	01/21/22	C0133	CANON SOLUTIONS AMERICA, INC.	MONTHLY PRINTER JANUARY 2022	Open	664.25	0.00
22-00013	01/21/22	B0114	B SAFE, INC.	FIRE ALARM MONITOR ANNUAL 2022	Open	467.88	0.00
22-00015	01/21/22	A0187	ANJEC	2022 MEMBERSHIP DUES	Open	400.00	0.00
22-00016	01/21/22	L0010	NEW JERSEY STATE LEAGUE	2022 MEMBERSHIP DUES	Open	230.00	0.00
22-00017	01/21/22	W0065	INFORMATICS HOLDINGS INC T/A	ANNUAL S/M ASSET CLOUDOP 2022	Open	895.00	0.00
22-00019	01/21/22	M0033	MOCIB	2022 ANNUAL MEMBERSHIP	Open	50.00	0.00
22-00021	01/21/22	F0001	FEDERAL EXPRESS CORP	GROUND SHIPPING SERVICE	Open	11.72	0.00
22-00022	01/21/22	P0022	PUBLIC WORKS ASSOC OF NJ	2022 MEMEBERSHIP	Open	90.00	0.00
22-00023	01/21/22	W0008	WESTERN TERMITE & PEST CONTROL	2022 PC PEST SERVICE	Open	426.24	0.00
22-00025	01/21/22	N0035	NEW ERA CAR WASH	FULL SERVICE WASH 12/2021	Open	13.00	0.00
22-00027	01/21/22	W0063	WHITE, MARK Ph.d, A.B.P.P	PRE-EMPLOYE PSYCH EVALUATIONS	Open	1,935.00	0.00
22-00028	01/21/22	B0102	BLAZING VISUALS SIGN SHOP T/A	SGT NEARY BUSINESS CARDS	Open	50.00	0.00
22-00031	01/21/22	B0001	BEAVER DAM HARDWARE, INC	BIKE RACK MATERIALS	Open	43.98	0.00
22-00032	01/21/22	J0025	JAEGER LUMBER	BIKE RACKS MATERIALS	Open	71.66	0.00
22-00033	01/21/22	V012	VAN WICKLE AUTO SUPPLY	VEHICLE MAINTENANCE	Open	67.46	0.00
22-00037	01/21/22	C0072	CDW GOVERNMENT, INC	APC BACK UP 550VA	Open	75.04	0.00
22-00039	01/21/22	A0215	AMAZON.COM SERVICES, INC.	WIRE	Open	15.78	0.00
22-00040	01/21/22	M0013	MUNICIPAL CLERKS ASSOCIATON/OC	2022 MEMEBERSHIP DUES	Open	90.00	0.00
22-00041	01/21/22	M0169	METROPOLITAN LIFE INSURANCE CO	DENTAL PREMIUM 01/2022	Open	1,696.21	0.00
22-00042	01/21/22	P0061	POLARIS GALAXY INSURANCE LLC	2022 VFIS POLICY RENEWAL	Open	4,465.00	0.00
22-00043	01/21/22	P0061	POLARIS GALAXY INSURANCE LLC	FLOOD INSURANCE - PUMP STATION	Open	1,013.00	0.00
22-00045	01/24/22	W0059	WB MASON	POLICE SUPPLIES 01-2022	Open	313.55	0.00 B
22-00046	01/24/22	H0068	HOGAN SECURITY GROUP, LLC	KEYS & FOBs	Open	251.06	0.00

PO #	PO Date	Vendor	PO Description	Status	Amount	Void Amount	PO Type
22-00049	01/24/22	U0015	ULINE, INC	PW SUPPLIES (TOWELS & MOP)	Open	108.77	0.00
22-00050	01/24/22	C0114	COOPER ELECTRIC SUPPLY CO	MAINT. CONTRACTS - GENERATORS	Open	3,679.72	0.00
22-00051	01/24/22	H0071	HR SPECIALIST EMPLOYMENT LAW	HR SPECIALIST: EMPLOY LAW	Open	179.00	0.00
22-00052	01/24/22	E0004	EDMUNDS & ASSOCIATES	2022 ANNUAL CONTRACT	Open	8,317.25	0.00
22-00054	01/24/22	C0118	COMCAST - XFINITY	POLICE INTERNET 1/28-2/27	Open	81.90	0.00
22-00056	01/24/22	M0169	METROPOLITAN LIFE INSURANCE CO	DENTAL PREMIUM 02/2022	Open	1,696.21	0.00
22-00059	01/26/22	M0143	MONMOUTH OCEAN TCTA	2022 MEMBERSHIPS	Open	160.00	0.00
22-00060	01/26/22	V012	VAN WICKLE AUTO SUPPLY	POLICE SUPPLIES	Open	77.90	0.00
22-00061	01/26/22	V012	VAN WICKLE AUTO SUPPLY	PUBLIC WORK SUPPLIES	Open	105.97	0.00
22-00062	01/26/22	N0029	NEW JERSEY PLANNING OFFICIALS	2022 MEMBERSHIP DUES	Open	370.00	0.00
22-00065	01/26/22	M0144	MUSKRAT JACK ANIMAL SERVICES	ANIMAL CONTROL JAN 2022	Open	300.00	0.00
22-00066	01/26/22	R0058	REPUBLIC SERVICES, INC	RESIDENTIAL SERVICE 02/2022	Open	14,572.63	0.00
22-00067	01/27/22	M0148	MOTT MacDONALD LLC	PROFESSIONAL SERVICE 12/2021	Open	17,203.52	0.00
22-00068	01/27/22	M0148	MOTT MacDONALD LLC	TRUST: ESCROW FUCCI	Open	80.00	0.00
22-00069	01/31/22	A0215	AMAZON.COM SERVICES, INC.	HP LASERJET PRO COLOR PRINTER	Open	857.00	0.00
22-00072	02/01/22	S0149	SCHINDLER ELEVATOR CORP.	2022 ANNUAL MAINT CONTRACT	Open	5,498.64	0.00
22-00074	02/01/22	P0066	PETERSON, BONNIE	INVOICE JANUARY 2022	Open	625.00	0.00
22-00075	02/01/22	V012	VAN WICKLE AUTO SUPPLY	PD VEHICLE SUPPLIES	Open	49.28	0.00
22-00076	02/01/22	I0031	ILAND INTERNET SOLUTIONS CORP	FEB - APR 2022 SECURE CLOUD	Open	578.85	0.00
22-00077	02/02/22	F0056	FOVEONICS IMAGING TECHNOLOGIES	DIGITIZING & ARCHIVING RECORDS	Open	67,242.13	0.00 B
22-00078	02/02/22	T0003	TIRE CRAFT, INC OF PPB	VEH MAINT: PD VEHICLES	Open	2,753.90	0.00
22-00079	02/02/22	N0002	NJ INTERGOVERNMENTAL INS FUND	WC & MULTI LINE ASSESSMENT	Open	82,804.00	0.00
22-00080	02/02/22	V012	VAN WICKLE AUTO SUPPLY	PW VEHICLE MAINTENANCE	Open	5.99	0.00
22-00081	02/02/22	T0002	THE COAST STAR NEWSPAPERS	LEGAL ADS JANUARY 2022	Open	181.32	0.00
22-00082	02/03/22	T0067	THE PAIGE COMPANY	ARCHIVAL STORAGE BOXES	Open	542.80	0.00
22-00083	02/03/22	J0044	JCP&L - MASTER BILL ACCT	MASTER ACCOUNT 12/16 - 1/17	Open	190.82	0.00
22-00084	02/03/22	N0003	NEW JERSEY AMERICAN WATER CO	WATER SERVICE JAN 2022	Open	345.28	0.00
22-00085	02/03/22	N0003	NEW JERSEY AMERICAN WATER CO	56 HYDRANTS JAN 2022	Open	2,898.56	0.00
22-00088	02/04/22	N0099	NESTLE WATERS NORTH AMERICA	WATER DELIVERY JAN 2022	Open	172.34	0.00
22-00089	02/04/22	V012	VAN WICKLE AUTO SUPPLY	PUBLIC WORK SUPPLIES	Open	118.25	0.00
22-00090	02/07/22	T0092	TOTAL TURF INC	SPRINKLER SERVICE 2022	Open	218.58	0.00
22-00091	02/07/22	C0051	CONTROL PERSONS ASSOCIATION	2022 MEMEBERSHIP	Open	30.00	0.00
22-00092	02/07/22	G0065	GPANJ	2022 MEMBERSHIP	Open	100.00	0.00
22-00093	02/07/22	N0004	VERIZON	OEM PHONE LINE 1/29 - 2/27	Open	195.13	0.00
22-00094	02/07/22	N0003	NEW JERSEY AMERICAN WATER CO	WATER SERVICE JAN 2022	Open	82.50	0.00
22-00097	02/07/22	F0008	FOR-SHORE WEED CONTROL INC	2022 WEED CONTROL	Open	441.00	0.00
22-00098	02/07/22	A0199	AT&T	OEM LONG DISTANCE FEB 2022	Open	1.99	0.00
22-00099	02/07/22	A0053	AFLAC - CV190	AFLAC PREMIUM JANUARY 2022	Open	423.41	0.00
22-00100	02/07/22	P0027	BOROUGH OF PT PLEASANT BEACH	GASOLINE Q4 2021	Open	7,790.89	0.00
22-00101	02/07/22	T0005	TREASURER, STATE OF NEW JERSEY	ANNUAL STIE REMEDIATION 2022	Open	3,415.00	0.00
22-00102	02/07/22	I0028	IDEMIA IDENTITY & SECURITY USA	2022 MAINT/SUPP AGREEMENT	Open	3,508.64	0.00
22-00103	02/07/22	P0080	PRUDENTIAL RETIREMENT	DCRP DECEMBER 2021	Open	646.35	0.00
22-00104	02/07/22	P0080	PRUDENTIAL RETIREMENT	DCRP JANUARY 2022	Open	651.40	0.00
22-00106	02/08/22	C0139	CIOX HEALTH, LLC	OBTAIN MEDICAL RECORDS	Open	73.00	0.00
22-00107	02/08/22	T0097	TOWNSHIP OF FREEHOLD	IT SERVICE JAN 2022	Open	1,865.00	0.00
22-00109	02/08/22	N0089	NJSACOP	2022 MEMBERSHIP DUES	Open	275.00	0.00
22-00111	02/08/22	B0111	BARNEGAT BAY MARINA LLC	BOAT FUEL 11/9/2021	Open	137.21	0.00
22-00116	02/09/22	R0060	ROTHSTEIN, MANDELL, STROHM	LEGAL SERVICE JAN 2022	Open	11,010.00	0.00
22-00117	02/09/22	O0025	OCEAN COUNTY BOARD OF ELECTION	JUNE 8TH 2021 PRIMARY ELECTION	Open	64.31	0.00
22-00118	02/09/22	O0069	OCEAN HARDWARE LLC	PUBLIC WORK SUPPLIES	Open	30.23	0.00
22-00119	02/09/22	N0092	NJ ADVANCE MEDIA LLC	PUBLICATION RFP LIFE GUARDS	Open	172.15	0.00
22-00120	02/09/22	V012	VAN WICKLE AUTO SUPPLY	VEHICLE MAINTENANCE	Open	180.18	0.00

Total Purchase Orders: 102 Total P.O. Line Items: 0 Total List Amount: 311,189.70 Total Void Amount: 0.00

PO #	PO Date	Vendor	PO Description	Status	Amount	Void Amount	PO Type
------	---------	--------	----------------	--------	--------	-------------	---------

Totals by Year-Fund							
Fund Description	Fund	Budget Rcvd	Budget Held	Budget Total	Revenue Total	G/L Total	Total
CURRENT FUND	1-01	42,814.38	0.00	42,814.38	0.00	0.00	42,814.38
	1-14	372.23	0.00	372.23	0.00	0.00	372.23
Year Total:		43,186.61	0.00	43,186.61	0.00	0.00	43,186.61
CURRENT FUND	2-01	256,194.42	0.00	256,194.42	0.00	0.00	256,194.42
	2-14	798.57	0.00	798.57	0.00	0.00	798.57
Year Total:		256,992.99	0.00	256,992.99	0.00	0.00	256,992.99
GENERAL CAPITAL I	C-04	10,930.10	0.00	10,930.10	0.00	0.00	10,930.10
TRUST OTHER FUND	T-13	80.00	0.00	80.00	0.00	0.00	80.00
Total of All Funds:		311,189.70	0.00	311,189.70	0.00	0.00	311,189.70

Mantoloking Municipal Court
PO Box 247
Mantoloking, NJ 08738
1-732-475-7398

James J. Gluck
Municipal Court Judge

Elizabeth L. Boettger
Court Administrator

TO: Mayor White
Chief Ferris
B Konopada, B Clerk

Court Activity for the Month of January 2022

CRIMINAL COMPLAINTS FILED

Indictable Offenses	0
Disorderly Persons	14
Special Complaints/	0

TRAFFIC COMPLAINTS FILED

Driving Under the Influence	1
Traffic (Moving)	5
Parking	1

Tickets issued in the month of January 21

COMPARISON OF COURT RECEIPTS

	TO BOROUGH	TO ALL AGENCIES
2022 year to date receipts—TOTAL	\$407.12	\$984.15
2021 year to date receipts—TOTAL	\$1,555.30	\$3,141.02
Difference Total Receipts Payable	-\$1,148.18	-\$2,156.87

ARIZON 2022

MONEY DISTRIBUTED TO THE BOROUGH OF MANTOLOKING

	JAN.	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
BORO FINES & COSTS	\$407.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$407.00
CONTEMPT OF COURT	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
PUBLIC DEFENDER	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
GENERAL FEE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
SPINAL MUNICIPAL	\$0.12	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$5.00
INTEREST GENERAL ACCT	\$0.00	\$0.00	\$0.00	\$1.03	\$0.91	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.12
INTEREST BAIL ACCT	\$0.00	\$0.00	\$0.00	\$0.16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1.94
INSPECTION REBATE 8-1	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.16
POAA***-FTA	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
OVERPAYMENTS***	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
***POAA IS A FUND AND IS NOT INCLUDED IN THE TOTAL PAID TO BOROUGH AMT *** OP'S ARE LISTED FOR AUDITING PURPOSES ONLY - NOT IN TOTAL													
TOTAL PAID 2022	\$407.12	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$407.12
TOTAL PAID 2021	\$1,555.30	\$710.54	\$1,064.32	\$793.30	\$185.08	\$1,198.02	\$3,261.64	\$4,431.54	\$2,317.62	\$1,576.10	\$1,236.86	\$388.14	\$18,718.46
TOTAL PAID 2020	\$1,384.80	\$2,471.95	\$1,729.26	\$349.14	\$916.90	\$973.64	\$2,316.98	\$2,657.50	\$2,019.90	\$1,481.26	\$521.14	\$301.14	\$17,123.61
TOTAL PAID 2019	\$2,321.44	\$1,090.85	\$1,104.20	\$2,112.36	\$1,610.71	\$1,655.36	\$3,665.40	\$3,567.96	\$1,329.74	\$2,937.90	\$1,846.17	\$821.20	\$24,063.29
TOTAL PAID 2018	\$7,641.06	\$2,486.90	\$1,100.26	\$3,520.06	\$1,868.39	\$4,225.02	\$5,738.40	\$7,833.17	\$5,465.17	\$3,759.76	\$3,563.70	\$640.22	\$47,842.11
TOTAL PAID 2017	\$2,024.80	\$3,113.57	\$1,605.20	\$3,698.28	\$1,886.27	\$5,588.62	\$2,784.46	\$3,784.66	\$3,863.58	\$2,005.08	\$2,174.02	\$1,257.94	\$33,786.48
TOTAL PAID 2016	\$1,769.30	\$1,632.82	\$3,317.28	\$2,027.45	\$795.72	\$2,648.97	\$6,520.87	\$9,041.48	\$7,639.88	\$3,700.05	\$2,794.58	\$2,237.88	\$44,126.08
TOTAL PAID 2015	\$1,496.84	\$1,578.43	\$1,539.24	\$1,291.22	\$2,303.18	\$4,052.52	\$4,581.20	\$6,495.56	\$7,184.82	\$2,574.62	\$2,676.14	\$2,837.88	\$38,611.65
TOTAL PAID 2014	\$2,943.43	\$4,538.88	\$2,806.72	\$3,562.47	\$1,838.18	\$6,874.24	\$5,233.48	\$6,670.86	\$3,515.64	\$4,399.74	\$1,767.43	\$1,324.82	\$45,475.89
TOTAL PAID 2013	\$3,047.94	\$4,681.52	\$6,098.70	\$4,397.48	\$4,634.16	\$2,954.23	\$6,204.70	\$8,590.31	\$5,158.95	\$3,763.00	\$4,583.33	\$4,022.42	\$58,136.74
TOTAL PAID 2012	\$3,376.26	\$3,040.37	\$5,245.15	\$3,152.38	\$4,063.39	\$4,834.77	\$5,842.37	\$8,154.11	\$7,889.15	\$5,691.92	\$2,286.25	\$1,821.05	\$55,397.17
TOTAL PAID 2011	\$3,215.69	\$3,822.29	\$6,196.02	\$3,052.73	\$4,700.11	\$6,355.73	\$9,415.30	\$8,965.12	\$5,220.30	\$4,397.67	\$2,809.42	\$2,781.97	\$60,932.35
TOTAL PAID 2010	\$5,142.25	\$5,160.17	\$4,340.50	\$4,098.09	\$4,783.16	\$4,013.34	\$6,419.24	\$9,455.31	\$7,404.02	\$6,183.66	\$4,145.36	\$3,601.82	\$64,746.92
TOTAL PAID 2009	\$4,962.43	\$6,954.24	\$4,737.06	\$3,341.90	\$5,716.81	\$7,701.70	\$10,725.24	\$9,631.36	\$9,586.15	\$6,542.74	\$2,977.25	\$3,411.90	\$76,288.78
TOTAL PAID 2008	\$8,973.87	\$5,200.85	\$4,993.47	\$4,321.86	\$8,525.49	\$6,245.79	\$15,051.82	\$10,822.69	\$8,531.37	\$7,922.76	\$4,684.86	\$4,082.82	\$89,337.65
TOTAL PAID 2007	\$7,227.88	\$4,154.42	\$8,348.85	\$5,283.44	\$7,267.55	\$11,485.88	\$8,080.23	\$10,841.73	\$8,632.30	\$8,676.13	\$6,382.00	\$4,915.91	\$91,296.32
TOTAL PAID 2006	\$8,288.89	\$7,001.25	\$5,039.01	\$5,860.42	\$5,308.56	\$5,760.39	\$8,474.38	\$12,535.01	\$7,430.51	\$7,989.29	\$6,845.13	\$5,863.41	\$86,296.25
TOTAL PAID 2005	\$1,563.34	\$4,476.03	\$2,875.83	\$5,620.60	\$5,843.06	\$5,949.82	\$5,064.38	\$10,971.10	\$10,485.97	\$11,554.70	\$7,119.27	\$10,836.36	\$82,360.46
2022/2021 DIFF	(\$1,148.18)	(\$710.54)	(\$1,064.32)	(\$793.30)	(\$185.08)	(\$1,198.02)	(\$3,261.64)	(\$4,431.54)	(\$2,317.62)	(\$1,576.10)	(\$1,236.86)	(\$388.14)	(\$18,311.34)
MONEY DISBURSED TO THE COUNTY													
COUNTY SPLIT	\$203.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$203.00
MONEY DISBURSED TO THE STATE													
TRAFFIC SIGN	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
FINES	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

TOTAL RECEIPTS 2015	\$3,730.00	\$3,155.00	\$3,516.00	\$3,182.00	\$5,363.90	\$8,420.00	\$8,194.00	\$11,485.00	\$14,284.00	\$5,524.22	\$5,412.00	\$5,464.00	\$77,730.29
TOTAL RECEIPTS 2014	\$7,556.00	\$8,661.00	\$6,202.00	\$8,044.00	\$3,794.00	\$12,779.00	\$9,341.00	\$12,057.00	\$6,769.00	\$7,985.00	\$3,305.00	\$3,550.00	\$90,043.00
TOTAL RECEIPTS 2013	\$5,450.00	\$8,257.00	\$10,896.00	\$8,807.00	\$8,323.50	\$6,304.00	\$12,630.00	\$16,019.00	\$9,214.00	\$6,572.00	\$10,175.00	\$8,505.00	\$111,152.50
TOTAL RECEIPTS 2012	\$6,607.99	\$5,989.28	\$8,841.68	\$6,490.07	\$6,915.64	\$10,267.16	\$11,533.50	\$14,224.24	\$15,093.15	\$9,880.60	\$4,601.05	\$3,670.74	\$104,115.10
TOTAL RECEIPTS 2011	\$6,128.00	\$6,592.26	\$11,264.30	\$6,096.55	\$8,737.27	\$11,074.07	\$16,619.42	\$16,260.74	\$9,687.64	\$8,877.42	\$5,783.74	\$5,438.10	\$112,559.51
DIF/ALL 2022-2021	(\$2,156.87)	(\$920.75)	(\$1,826.45)	(\$1,584.47)	(\$345.05)	(\$2,342.22)	(\$5,391.90)	(\$8,007.11)	(\$3,874.42)	(\$3,075.22)	(\$2,054.55)	(\$753.08)	(\$32,332.09)

2022 ACTIVITY REPORT - MANTOLOKING

COMPLAINTS FILED COMPARISON

CRIMINAL OFFENSES TRAFFIC OFFENSES

	INDICTABLE OFFENSES	DISORDERLY PERSONS	BOROUGH ORDINANCES	DWI TICKETS	TRAFFIC TICKETS	PARKING TICKETS	MONTHLY TOTALS
January	0	14	0	1	5	1	21
February	0	0	0	0	0	0	0
March	0	0	0	0	0	0	0
April	0	0	0	0	0	0	0
May	0	0	0	0	0	0	0
June	0	0	0	0	0	0	0
July	0	0	0	0	0	0	0
August	0	0	0	0	0	0	0
September	0	0	0	0	0	0	0
October	0	0	0	0	0	0	0
November	0	0	0	0	0	0	0
December	0	0	0	0	0	0	0
TOTAL 2021	0	14	0	1	5	1	21
TOTAL 2021	17	5	11	3	151	255	442
TOTAL 2020	2	4	21	3	159	246	435
TOTAL 2019	8	15	18	14	324	188	567
TOTAL 2018	7	10	46	11	538	259	871
TOTAL 2017	4	12	52	5	316	142	531
TOTAL 2016	11	10	35	11	332	540	939
TOTAL 2015	1	11	30	19	460	310	831
TOTAL 2014	10	20	22	11	394	241	698
TOTAL 2013	2	56	75	21	743	486	1383
TOTAL 2012	24	31	44	14	574	287	974
TOTAL 2011	31	27	55	20	706	180	1019
TOTAL 2010	6	11	79	21	636	210	963
TOTAL 2009	6	25	147	22	643	228	1071
TOTAL 2008	11	24	65	19	923	277	1319
TOTAL 2007	72	24	64	39	901	241	1341
TOTAL 2006	4	23	53	46	783	326	1235
TOTAL 2005	6	18	43	53	1002	279	1401
TOTAL 2004	4	11	36	32	696	228	1007
TOTAL 2003	2	21	48	17	588	198	874
TOTAL 2002	9	13	48	13	478	182	743
TOTAL 2001	1	10	25	13	569	269	887
TOTAL 2000	2	16	37	22	700	249	1026

TOTAL 1999

4

13

64

42

1119

356

1598



MANTOLOKING POLICE DEPARTMENT

Chief of Police
Stacy S. Ferris

02/07/2022

Mayor & Council,

Please accept the following as the monthly report for the Mantoloking Police Department & Emergency Management.

Dispatch Report:

- January 2022 we logged **1013** incidents.
- Incidents include;
 - ⊙ **216** traffic details, **203** property checks, **56** beach checks, **22** motor vehicle stops and **2** warrant service.
 - ⊙ **1** Stolen vehicle, **7** Parking problems, and **5** erratic driver
 - ⊙ **1** burglary, **3** first aid calls, **3** utility, **2** Welfare checks and **15** alarms
 - ⊙ We also responded to **22** agency assists between Brick and Bay Head.

Alerts:

- **Police training – On February 18 th & 21st the Mantoloking Police Department along with Bay Head and OCPO will be training inside the Bay Head School. Training will focus on active shooter drills and officer will be using their training weapons with munitions.**
- **Frozen pipe season – please winterize your home. If leaving for the season leave heat on at a reduced temperature.**

General Information:

- The Police department has received our Body Worn Cameras (BWC); we will begin our training with them next week. This training is projected to take a month, prior to officers wearing them full time we will notify the public.
- We appreciate that getting property stolen is violating, and we take all reports seriously. However we must follow policies set by the NJ Attorney General, which includes The Vehicular Pursuit Policy. This Policy governs the actions that officers

can legally take. No piece of property is worth injuring an officer, innocent bystander or additional property damage.

Property Checks:

- Residents that wish to have the police department check their property can do so by heading to The Borough of Mantoloking website/ police department /Away list/vacant home and fill out the form provided or email policeservices@mantoloking.org. Please let us know time away, how many times you would like the house checked and a point of contact you would like us to use.

Summer Jobs:

- The Mantoloking Police Department is currently accepting applications;
 - SLEO IIs - Certified, qualifications can be found on our website or social media
 - SLEO Is – able to attend a 70 hour class – March 7th to April 5th or May 9th to June 7th nights and weekends.
 - Beach Badge Checkers
 - Beach Badge sellers
 - Mobile Beach Badge checkers (on an ATV)
- Applications are available online or for pick up at the police window
- The Summer season is June 18th through Labor Day September 5th

Emergency Management:

- Residents and guests are reminded to sign up for Mantoloking Ready to receive alerts and messages from OEM, The Borough, Finance, Environmental and Beaches; <https://public.alertsense.com/SignUp/?RegionId=1786>

Contact Information for the Police Department:

- **732-295-1465 is the 24 hour phone number** to the police department. It is manned by the Ocean County Sheriff's Department. This is for non-emergency calls, for example; animals, parking and noise complaints. **911** is for all emergency calls.
- **732-295-1401** is the inside administration line that is manned from 9:30 AM to 3:30 PM, Monday thru Friday.

Fleet:

#	Year	Make / Model	Mileage	Mechanical / Logistics	Primary Use	
1900	2017	Ford / Explorer	14,012		Chief	
1901	2011	Chevy / Tahoe	76,727	Road jobs	Fleet	
1902	2015	Chevy/ Tahoe	103,639	Dash board camera	Patrol	A & B Afternoon
1903	2020	Chevy/ Tahoe	25,649	Dash board camera	Patrol	A & B Squad day
1904	2015	Chevy/Tahoe	117,453	Dash board camera	Patrol	B Swing
1905	2016	Chevy / Caprice	105,068	Dash board camera	Patrol	Specials
1906	2017	Chevy/ Tahoe	71,992	Dash board camera	OOS	Engine warranty work
1908	2018	Chevy / Tahoe	72,015	Dash board camera	Patrol	A & B Squad night
1914	2018	Polaris Ranger XP		Out of Service	Beach	SLEO II – beach
1916	2020	ATV		Beach patrol	Beach	Mobile badge checker

Respectfully submitted,

Chief Stacy Ferris



MANTOLOKING FIRE COMPANY No. 1

Serving the
Borough of Mantoloking
Downer Avenue
P.O. Box 213
Mantoloking, New Jersey 08738

2/1/22

Mayor & Council

During the month of January 2020 the Mantoloking Fire Company responded to 10 fire calls. The table below provides a list of the calls for the month.

Date	Time	Location	Town	Incident Type
01/04/22	12:03	82 Twilight Rd	Bay Head	Fire Alarm
01/04/22	15:49	180 Dune Ave.	Brick	Fire Alarm
01/05/22	12:46	647 East Ave.	Bay Head	Fire Alarm
01/13/22	02:46	215 Point Dr.	Brick	CO Alarm
01/17/22	12:50	Main & Osborne Aves.	Bay Head	Wires Arching
01/17/22	02:06	125 Twilight Ave.	Bay Head	Wires Arching
01/17/22	02:10	132 Meadow St.	Bay Head	Fire Alarm
01/17/22	02:40	82 Bridge Ave.	Bay Head	Fire Alarm
01/26/22	15:22	167 Maple Dr.	Bay Head	Gas Leak
01/30/22	19:00	317 Tide Pond Rd.	Brick	Water Leak

Submitted by,

Chief Scott Hulse



BOROUGH of MANTOLOKING
DEPARTMENT OF PUBLIC WORKS
203 Downer Ave., Mantoloking, NJ 08738
PHONE: 732-801-8298 FAX: 732-295-1465



DATE: 02/03/22
Mayor and Council

Listed below are the tasks performed by the DPW during the month of January 2022.

1. Picked up and took Christmas trees to recycling.
2. Built bike racks for beach accesses.
3. Prepared for winter storms.
4. Put out barricades for street flooding
5. Kept track of street flooding.
6. Multiple markouts.
7. Did maintenance on road salt bins.
8. Picked up road salt at County yard.
9. Plowed snow during winter storms.
10. Salted roads during storms.
11. Cleaned up streets after flooding.
12. Set up for council and planning board meetings.
13. Generator testing.
14. Replaced generator battery on roof top unit.
15. Responded to water leaks.

Submitted by,

Scott Hulse

OFFICE OF CONSTRUCTION OFFICIAL**Construction Permit Activity Report**

RANGE: 01/01/2022 To 01/31/2022

February 08, 2022 11:44:11AM

SUMMARY**CONSTRUCTION COSTS****COUNT**

Cost Of Construction:	\$570,500.00	Cubic Footage:	64310 Cu.ft	Permit Issued:	12
Cost Of Alteration:	\$1,104,425.00	Square Footage:	1728 Sq.ft	Updates Issued:	9
Cost Of Demolition:	\$10,000.00			All Fees Waived:	1
Total Cost:	\$1,684,925.00			Municipal Fees Waived:	4

PERMIT FEES**ADMIN FEES****WAIVED FEES****TOTAL FEES**

Building:	\$33,142.00	Building:	\$0.00	Building:	\$0.00	Building Fees:	\$33,142.00
Electrical:	\$1,605.00	Electrical:	\$0.00	Electrical:	\$0.00	Electrical Fees:	\$1,605.00
Fire :	\$785.00	Fire :	\$0.00	Fire :	\$0.00	Fire Fees:	\$785.00
Plumbing:	\$1,490.00	Plumbing:	\$0.00	Plumbing:	\$0.00	Plumbing Fees:	\$1,490.00
Elevator:	\$138.00	Elevator:	\$0.00	Elevator:	\$138.00	Elevator Fees:	\$0.00
Mechanical:	\$0.00	Mechanical:	\$0.00	Mechanical:	\$0.00	Mechanical Fees:	\$0.00
				* Total Waived:	\$138.00	Technical Fees:	\$37,022.00

DCA

	Calculated Fees	Waived Fees	Collected Fees
Volume Training Fee:	\$240.00	\$0.00	\$240.00
Alteration Training Fee:	\$2,107.00	\$0.00	\$2,107.00
DCA Minimum Fee:	\$0.00	\$0.00	\$0.00
Sub total Training Fee:	\$2,347.00	\$0.00	\$2,347.00

TECHNICAL ISSUES

Building Technical:	12
Electrical Technical:	11
Fire Protection Technical:	4
Plumbing Technical:	9
Elevator Technical:	5
Mechanical Technical:	

Certificate of Occupancy Fee:	\$450.00
Waived Certificate Fees:	\$0.00
Sub Total Certificate Fees:	\$450.00

CERTIFICATE ISSUES

Certificate of Occupancy:	1
Certificate of Approval:	2
Certificate of Continued Occupancy:	0

PERMIT FEES:	\$37,022.00
FEES:	\$2,347.00
CERTIFICATE FEES:	\$450.00
MIN FEES:	\$0.00
NET TOTAL FEES:	\$39,819.00
PENALTIES COLLECTED:	\$0.00
CCO FEES:	\$0.00
OTHER FEES:	\$0.00
GRAND TOTAL FEES:	\$39,819.00

* By State law (see N.J.S. 52:27D-126c): \$0.00

* By Municipality (see N.J.S. 52:27D-126b): \$138.00

Permit #	Permit Date	Census	Control #	Updates	Description Of Work							AltFee	CoFee	Cubic Feet
Block & Lot	Costs	Use Group	Waived Fees	Bldg	Elec	Fire	Plmb	Elev	Mech	AltFee	CoFee	Cubic Feet		
Work Site				Badm	Eadm	Fadm	Padm	Vadm	Madm	VolFee	CcoFee	Square Feet		
Owner Name		Minimum Fees			Total							DCA Min.	CertTotl	Total Fee
20210092	1/6/2022	101	7807	3	elevator									
37 5		\$0.00	R-5	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00		
12 CARPENTER LANE		\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		0.00		
Lawrence Greenberg		\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
20210117	1/14/2022	999	7811	1	Demo of full house									
22 53		\$10,000.00	R-5	\$200.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00		
1122 BARNEGAT LANE		\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		0.00		
Jarnoszuk		\$0.00		\$200.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$200.00		
20220001	1/10/2022	434	7788	0	Inground Pool									
3 1		\$59,400.00	U	\$1,710.00	\$200.00	\$0.00	\$75.00	\$0.00	\$0.00	\$114.00	\$0.00	0.00		
935 East Avenue		\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00		
Ben and Ann Huneke		\$0.00		\$1,710.00	\$200.00	\$0.00	\$75.00	\$0.00	\$0.00	\$114.00	\$0.00	\$2,099.00		
20220002	1/12/2022	434	7808	0	Temp service									
7 9		\$500.00	R-5	\$0.00	\$75.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1.00	\$0.00	0.00		
984 EAST AVE		\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00		
Hagerstrom, Lauren and Tom		\$0.00		\$0.00	\$75.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1.00	\$0.00	\$76.00		
20220003	1/12/2022	434	7771	0	House Raise and renovations									
7 9		\$689,700.00	R-5	\$19,950.00	\$170.00	\$275.00	\$360.00	\$0.00	\$0.00	\$1,311.00	\$150.00	0.00		
984 EAST AVE		\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		0.00		
Hagerstrom, Lauren		\$0.00		\$19,950.00	\$170.00	\$275.00	\$360.00	\$0.00	\$0.00	\$1,311.00	\$150.00	\$22,216.00		
20220004	1/14/2022	434	7797	0	Renovation of bathrooms and kitchen									
22 17		\$67,700.00	R-5	\$1,500.00	\$100.00	\$85.00	\$175.00	\$0.00	\$0.00	\$130.00	\$0.00	0.00		
1050 BARNEGAT LANE		\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		0.00		
Stephen Hecay and Irene Cho		\$0.00		\$1,500.00	\$100.00	\$85.00	\$175.00	\$0.00	\$0.00	\$130.00	\$0.00	\$1,990.00		
20220005	1/18/2022	999	7785	0	Addition and Renovation									
40 901		\$356,000.00	R-5	\$2,251.00	\$470.00	\$350.00	\$150.00	\$0.00	\$0.00	\$95.00	\$150.00	21,450.00		
1535 Runyon Lane		\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$80.00		1,455.00		
D'AVELLA BERNARD		\$0.00		\$2,251.00	\$470.00	\$350.00	\$150.00	\$0.00	\$0.00	\$175.00	\$150.00	\$3,546.00		
20220006	1/18/2022	434	7713	0	3rd Floor alteration									
23 6		\$20,500.00	R-5	\$300.00	\$75.00	\$75.00	\$75.00	\$0.00	\$0.00	\$40.00	\$0.00	0.00		
1031 Ocean Ave		\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00		
Steinberg, Sheila & Eyan		\$0.00		\$300.00	\$75.00	\$75.00	\$75.00	\$0.00	\$0.00	\$40.00	\$0.00	\$565.00		

Permit #	Permit Date	Census	Control #	Updates		Description Of Work									
Block & Lot	Costs	Use Group	Waived Fees	Bldg	Elec	Fire	Plmb	Elev	Mech	AltFee	CoFee	Cubic Feet			
Work Site				Badm	Eadm	Fadm	Padm	Vadm	Madm	VolFee	CcoFee	Square Feet			
Owner Name	Minimum Fees	Btotl	Etotl	Ftotl	Ptotl	Vtotl	Mtotl	TFTotl	CertTotl	Total Fee					
20220007	1/18/2022	434	7760	0	Elevate The Existing House, Install New Foundation, Extend Inside Stairs										
27 10		\$103,750.00	R-5	\$3,000.00	\$75.00	\$0.00	\$75.00	\$0.00	\$0.00	\$198.00	\$150.00	0.00			
1219 BAY AVE		\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		0.00			
Complex III LLC		\$0.00		\$3,000.00						\$198.00	\$150.00	\$3,498.00			
20220008	1/21/2022	434	7787	0	TEMP POLE										
22 53		\$750.00	U	\$0.00	\$75.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2.00	\$0.00	0.00			
1122 BARNEGAT LANE		\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		0.00			
Jarmoszak		\$0.00		\$0.00	\$75.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2.00	\$0.00	\$77.00			
20220009	1/21/2022	999	7810	0	New Cabana and Generator										
23 10		\$175,000.00	U	\$1,501.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	42,860.00			
1039 Ocean Ave		\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$160.00		273.00			
Hayes, John & Kathleen		\$0.00		\$1,501.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$160.00	\$0.00	\$1,661.00			
20220010	1/26/2022	434	7809	0	Interior demo										
8 15		\$17,000.00	R-5	\$510.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$33.00	\$0.00	0.00			
962 EAST AVENUE		\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		0.00			
Macmanus Res		\$0.00		\$510.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$33.00	\$0.00	\$543.00			
20220011	1/28/2022	434	7800	0	Reno 3 Bathrooms add a new bathroom										
24 40		\$91,400.00	R-5	\$2,070.00	\$75.00	\$0.00	\$280.00	\$0.00	\$0.00	\$175.00	\$0.00	0.00			
1095 BARNEGAT Ln		\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		0.00			
Fullerton, Ken & Meghan		\$0.00		\$2,070.00	\$75.00	\$0.00	\$280.00	\$0.00	\$0.00	\$175.00	\$0.00	\$2,600.00			
20220012	1/28/2022	434	7793	0	Replace 3 AC Condensers										
22 18		\$3,725.00	R-5	\$0.00	\$100.00	\$0.00	\$225.00	\$0.00	\$0.00	\$8.00	\$0.00	0.00			
1052 BARNEGAT LANE		\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		0.00			
Barber/Ring		\$0.00		\$0.00	\$100.00	\$0.00	\$225.00	\$0.00	\$0.00	\$8.00	\$0.00	\$333.00			
Grand Total		\$1,684,925.00		\$138.00	\$33,142.00	\$1,605.00	\$785.00	\$1,490.00	\$0.00	\$2,347.00	\$450.00	\$39,819.00			

DATE	PERMIT NUMBER	NAME/ADDRESS	BLOCK	LOT	TYPE CONST	CONST COST	BLDG TECH	ELEC TECH	PLBG TECH	FIRE TECH	CO/CA FEES	DCA FEES	FINES	VARIATION	CHK# or CASH	TOTAL COST
1	1/19	2022-0007	1219 Bay/ dutton	27	10	lift/reno	103,750	3,000.00	75.00	75.00	150.00	198.00			1554	\$3,498.00
2		2022-0005	1535 runyon/ Davella	40	9	add/reno	356,000	2,251.00	470.00	150.00	350.00	150.00	175.00		16359	\$3,546.00
3		2021-0117	1122 bamegal/amoszuk	22	53	demo	10,000	200.00							16095	\$200.00
4		20220004	1050 bamegal/cho	22	17	reno	67,700	1,500.00	100.00	175.00	85.00	130.00			3434	\$1,990.00
5		2022-0001	huneke/935 ocean	3	1	pool	59,400	1,710.00	200.00	75.00		114.00			809	\$2,099.00
6		2022-0006	steinberg/1031 ocean	23	3	reno	20,500	300.00	75.00	75.00		40.00			34670	\$565.00
7		2021-0134	heaney/945 east	3	3	update		75.00							27374	\$75.00
8																\$0.00
9																\$0.00
10																\$0.00
11																\$0.00
12																\$0.00
13																\$0.00
14																\$0.00
15																\$0.00
16																\$0.00
17																\$0.00
18																\$0.00
19																\$0.00
20																\$0.00
21																\$0.00
22																\$0.00
23																\$0.00
24																\$0.00
25																\$0.00
TOTALS							617,350	9,036.00	920.00	550.00	510.00	300.00	657.00	0.00	0.00	TOTAL \$11,973.00

RECEIVED BY _____

DATE _____

DATE	PERMIT NUMBER	NAME/ADDRESS	BLOCK	LOT	TYPE CONST	CONST COST	BLDG TECH	ELEC TECH	PLBG TECH	FIRE TECH	CO/CA FEES	DCA FEES	FINES	VARIATION	CHK# or CASH	TOTAL COST
1	1/31	2022-0010	962 East/Macanus	8	15 interior demo	17,000	510.00					33.00			847	\$543.00
2	20210082	937 Ocean/Kocaj	8	4	update	0	75.00								609	\$75.00
3	20210016	1215 Bay/Agnew	27	8	Generator	6,500		190.00	75.00						6738	\$265.00
4	20220008	1122 Barn/ Jamoszak	27	53	temp pole	750		75.00				2.00			8322	\$77.00
5	20220009	1039 ocean/ Hayers	23	10	band/ genera	175,000	1,501.00					160.00			12157	\$1,661.00
6	20220011	1095 Barnegat/ Fullerton	24	40	interior reno	91,400	2,070.00	75.00	280.00			175.00			2949	\$2,600.00
7	20220012	1052 Barnegat/ Ring	22	18	AC	3,725		100.00	225.00			8.00			4056	\$333.00
8	20220002	984 East/ Hagerstrom	7	9	temp pole	500		75.00				1.00			2026	\$76.00
9	20220003	984 East/ Hagerstrom	7	9	lift/ reno	689,700	19,950.00	170.00	360.00	275.00	150.00	1,311.00			2026	\$22,216.00
10																\$0.00
11																\$0.00
12																\$0.00
13																\$0.00
14																\$0.00
15																\$0.00
16																\$0.00
17																\$0.00
18																\$0.00
19																\$0.00
20																\$0.00
21																\$0.00
22																\$0.00
23																\$0.00
24																\$0.00
25																\$0.00
TOTALS						984,575	24,106.00	685.00	940.00	275.00	150.00	1,690.00	0.00		0.00	TOTAL \$27,846.00

RECEIVED BY _____

DATE _____

OFFICE OF THE CONSTRUCTION OFFICIAL

Account Summation-Detail

Report Run from 01/01/2022 To 01/31/2022

February 8, 2022 11:55:36AM

Block	Lot	Control Number	Violation Number	Number [*Key]	Date Paid	Cash Amt	Check Amt	Credit Card Amt	Total Fee	Credit Card Type	Check Number	Trans Number	Receipt Number
ACCOUNT: PERMIT FEES													
23		6	7713	20220006	01/18/22	\$0.00	\$565.00		\$565.00		34670	6210	
27		10	7760	20220007	01/18/22	\$0.00	\$3,498.00		\$3,498.00		1554	6211	
7		9	7771	20220003	01/12/22	\$0.00	\$22,216.00		\$22,216.00		2026	6206	
8		4	7778	20210082	01/24/22	\$0.00	\$75.00		\$75.00		609	6215	
40		9.01	7785	20220005	01/18/22	\$0.00	\$3,546.00		\$3,546.00		16359	6209	
22		53	7787	20220008	01/21/22	\$0.00	\$77.00		\$77.00		8322	6213	
3		1	7788	20220001	01/10/22	\$0.00	\$2,099.00		\$2,099.00		809	6204	
22		18	7793	20220012	01/28/22	\$0.00	\$333.00		\$333.00		4056	6219	
22		17	7797	20220004	01/14/22	\$0.00	\$1,990.00		\$1,990.00		3434	6207	
24		40	7800	20220011	01/28/22	\$0.00	\$2,600.00		\$2,600.00		2949	6218	
7		9	7808	20220002	01/12/22	\$0.00	\$76.00		\$76.00		2026	6205	
8		15	7809	20220010	01/26/22	\$0.00	\$543.00		\$543.00		847	6217	
23		10	7810	20220009	01/21/22	\$0.00	\$1,661.00		\$1,661.00		12157	6214	
22		53	7811	20210117	01/14/22	\$0.00	\$200.00		\$200.00		95	6208	
27		8	7813	20210016	01/20/22	\$0.00	\$265.00		\$265.00		6738	6212	
3		3	7823	20200086	01/06/22	\$0.00	\$75.00		\$75.00		27374	6216	
Sub Totals :						\$0.00	\$39,819.00		\$39,819.00				
Grand Total:						\$0.00	\$39,819.00		\$39,819.00				

[* Key: Permit & License Numbers]

Report Run For: ough Of Mantoloking



Flood Strategy Committee
Borough of Mantoloking
P.O. Box 247
Mantoloking, NJ 08738

Attention: Councilwoman Lynn O'Mealia

September 8, 2020

Our Reference
507101272-001

**RE: Revised Flood Mitigation Plan – Back Bay Flooding
Flood Strategy Committee
Borough of Mantoloking, NJ**

3 Paragon Way
Freehold NJ 07728

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Dear Councilwoman O'Mealia:

The Borough of Mantoloking is located on the Atlantic Ocean coastline in Ocean County, New Jersey, comprised of approximately 0.40 square miles of barrier island that lie within the flood plains of the Atlantic Ocean and Barnegat Bay. The Borough is bounded on the north by the Borough of Bay Head, on the south by the Township of Brick, on the west by the waters of Barnegat Bay, and on the east by the Atlantic Ocean. The geography of Mantoloking's barrier island setting consists of tidal waters forming on its western and eastern borders, with approximately 2.2 miles of oceanfront and approximately 3.0 miles of bay shoreline which each year presents a constant threat to this community from Nor'easters and tropical-borne storm activity, introducing flood impacts. The Borough also experiences more frequent flooding conditions along the back bay with strong southern winds, extreme high tides, intense rain events, and a combination thereof. The more frequent flooding conditions along the back bay are typically termed sunny-day flooding.

Along with many other eastern coastal communities, Mantoloking has been historically subject to flooding, and many other associated problems that require an aggressive approach to successfully managing infrastructure, maintenance and mitigation. Mantoloking's multi-faceted approach to protect and maintain its infrastructure, natural areas, public safety, welfare, and the property of its residents, has been developed over many years and continues to improve over time with the implementation of improvements and the adoption of new municipal ordinances and resolutions in conjunction with assistance from outside public and private agencies. Mantoloking continues to pursue and improve upon methods to educate its residents, protect its coastline and bayfront, manage its infrastructure and natural areas, and efficiently prepare for, and recover from, flood damage and natural disasters.

Hazard Assessment

Flooding is one of the most common natural hazards experienced in the Borough. Depending on the circumstances, flooding may be widespread or isolated, developing slowly or quickly taking the form of coastal, overland, or flash flooding. Each year the Borough is faced with the prospect of its vulnerability to any number of storm events ranging from Nor'easters, blizzards and lesser storms having high winds and associated high tides. Flood conditions resulting from these events presents the single most significant threat to life, health, safety, and property in the Borough. These storms impact Mantoloking most severely by the storm surge that accompanies them. The storm surge is a wave of elevated sea water caused by winds and low pressure, which can cause extensive and potentially catastrophic damage, especially when accompanied by waves, high winds, and heavy rain. However, not all floods are caused from storm events or even natural disasters. Sunny-day flooding is a more common and frequent flooding scenario in the Borough which impacts the community with less intensity but with definite interference and interruption to the Borough's residents and visitors during their daily routine activities.

The geographical location of Mantoloking between the Barnegat Bay and the Atlantic Ocean along with the fairly flat topography creates a surface drainage condition with the potential for isolated areas of ponding, and these runoff conditions are associated with similar conditions found in the Delmarva area of the country in and around the Chesapeake Bay. The sandy soils, low elevations, flat topography, and terrain with low points for isolated ponding water of the Delmarva are similar to the conditions of the New Jersey barrier islands which experience similar standing water conditions during rain events and are influenced with the high groundwater table.

Sunny-day flooding is fairly low levels of inundation that do not pose significant threats to public safety or cause major property damage, but can disrupt routine day-to-day activities, put added strain on infrastructure systems such as roadways and sewers, and cause minor property damage. It is also referred to as "sunny day flooding" since it is a high-tide flooding that causes public inconvenience and is typically unrelated to particular storm events, though it may be worsened by long-duration wind events or passing storm systems. Sunny-day flooding is capable of disrupting daily activities with inconveniences and troubles with a variety of problems, such as the closure of public roads and sidewalks due to high water, the inundation of residential yards and driveways, and the impairment of storm sewer drainage systems. Currently, these disruptions typically occur for a period of several hours and then subside. However, as a changing climate drives sea levels higher and precipitation events to greater severity, these repeated events appear to be creating increased significant hardships on the infrastructure, emergency response, and the overall public health and well-being of the Borough. This is certainly demonstrated throughout the Borough but more specifically at the following locations:

Location 1 – Albertson Street (bay side);

Location 2 – Bay Avenue (from Princeton Avenue to Arnold Street);

Location 3 – Old Bridge Street (at the intersection of Bay Avenue);

Location 4 – Barnegat Lane (from Bergen Avenue into the Borough of Bay Head);

Location 5 – Bergen Avenue (from the causeway to Lagoon Lane);

Location 6 – Lagoon Lane (northern section);

Location 7 – Channel Lane (at the cul-de-sac bulb).

As the Borough is subject to the occurrence of extreme events, is also important to consider the impacts of relatively smaller and more frequent events. Since this kind of flooding typically occurs in low-lying coastal communities in locations adjacent to bodies of water, such events are common to properties within Mantoloking and should be addressed. Although a lesser concern for significant property damage and life safety than flooding related to major storm events, sunny-day flooding should deserve a greater amount of attention as the frequencies appear to become more common.

Mitigation

The Borough of Mantoloking has developed, adopted, and is implementing mitigation planning with other committees for flooding and the CRS program which serves as a guidance to mitigate flood damage to properties and the environment within the Borough. Those mitigation actions identified in other municipal plans, as well as others means and methods, were reviewed for ongoing validity to address, reduce or possibly eliminate this sunny-day flooding that is currently being experienced throughout the Borough. Such mitigation efforts include the following:

1. Stormwater Pump Station:

Stormwater pump stations can help protect areas from flooding events by conveying significant volumes of stormwater in the event high tailwater conditions exist within the Barnegat Bay. When abnormally high tides occur during times of heavy or intense rain, the high levels of the back bay waters inhibit the free discharge of stormwater runoff from the Borough's storm sewer outfalls, resulting in increased flood depths within the Borough and greater areas of inundation. Also, in low lying areas or areas with bulkheads or revetment (primarily at Borough owned street ends) along the Barnegat Bay and lagoons, rainfall can create localized flooding as the bulkheads prevent the areas from draining to the bay. As a result, flood water cannot be drained by the gravitational method during the flood period. Under these conditions, a means to mediate the inland drainage problem could be the utilization of stormwater pumping stations to convey the flooding waters into the adjacent bay.

A stormwater pump station is essentially a collection tank, referred to as a wet well, for stormwater with multiple submersible pumps at the bottom of the wet well. All the stormwater collection points from the surrounding areas are tributary to the underground station. When the water level in the pump station wet well rises, the pumps turn on and conveys the water under pressure to the discharge point, even if that point is at a higher elevation than the level of the pump station. Instead of relying on gravity to convey the stormwater to the discharge point, the pump provides the additional pressure needed to overcome the difference in head pressure. In this way, the stormwater pump station prevents water from

ponding in the public right-of-way addressing the sunny-day flooding conditions associated with the more frequent flooding events.

As stormwater pumping stations do aid in the removal of stormwater where gravity drainage is impossible, impractical, or impeded due to various circumstances, these stations are more expensive to operate and maintain and have a number of other matters that need to be considered and addressed prior to implementation. With the bayside shoreline flood barrier being of varying conditions such as unimproved bay front areas, bulkheads, revetments, and beaches, the installation of pump stations will have to be reviewed in further detail prior to implementation to avoid the situation of recirculating bay water through the pumping process. An inter-local agreement with the Brick Township Municipal Utilities Authority (BTMUA) or with a service contract with a private contractor needs to be implemented to support the maintenance, cleaning, repair, and upkeep for municipal stormwater pumping stations. To satisfy the requirements of the flood damage prevention code and the construction code, the pump control panels and the electrical panels would need to be above the Design Flood Elevation (DFE), which is the Base Flood Elevation (BFE) plus one (1) foot of freeboard. Any utility platform required for the elevated pump station equipment will need to be designed to meet flood damage prevention code requirements for structures located within the Coastal A Zone with moderate wave action for areas along the back bay unless the equipment is situated landward of the LiMWA (Limit of Moderate Wave Action) line. As with any proposed pump station improvement project, the consideration for the elevated pump station equipment and associated platforms need to be carefully considered including style, location, aesthetics, screening, visual impacts to lines of sight for viewsheds, existing overhead and underground utilities, and accessibility for maintenance, repair, and monitoring. Typically, a back-up emergency generator would not be feasible for a stormwater pump station within the Borough due to the need for an elevated building to enclose the generator from the existing adjacent residential structures. Therefore, portable back-up generators would be utilized for the pump stations with manual transfer switches (MTS) and receptacles provided within the elevated electrical panels. The need for human intervention, the availability of portable back-up generators, diesel fuel supply for portable back-up generators, and the potential hazardous condition of placing and installing the portable generators on grade below the BFE within the low areas of any pump station are all negative criteria for the reliance on portable back-up generators.

The stormwater collection sewerage within the Borough is divided into two (2) major systems, the municipal system which collects and conveys runoff from the municipal public rights-of-way and the New Jersey Department of Transportation (NJDOT) system which collects the runoff from the Route 35 (Ocean Avenue) highway corridor. A third smaller stormwater collection system is also located within the public right-of-way in Mantoloking for the Herbert Street improvements and is under the jurisdiction of Ocean County. In the past, the NJDOT storm sewerage had conveyed stormwater by gravity which utilized hydraulic gradients to transport water from the pipe network along Route 35 to various individual outfalls that drained to the Barnegat Bay. The previously abandoned outfalls were located throughout the Borough and ran through public rights-of-way, as well as on private property through dedicated easements. The NJDOT has since

implemented a new stormwater management approach for the runoff affiliated with Route 35 which includes the utilization of two (2) pump stations within the Borough. To satisfy the funding requirements of the Federal Highway Administration (FHWA) associated with the reconstruction project for Route 35, the NJDOT was required to design a system that conveys a 25-year event from the State highway storm sewer system. The pump stations have been installed within the municipal rights-of-way at the western street ends of Downer Avenue and Lyman Street. Mantoloking has recently submitted a formal written request to the New Jersey Department of Transportation to allow for the interconnection of municipal storm sewer piping to the existing NJDOT stormwater facilities on Downer Avenue and Lyman Street, which are upstream of the NJDOT stormwater pump stations. A response from the NJDOT in regard to the Borough's request for municipal storm sewer interconnections is still pending.

2. Bulkheads:

The Borough's two-mile bayside shoreline is separated from the mainland by the Barnegat Bay. Over most of its length, this water body is approximately one-half mile wide which is large enough that a fetch, an area of surface water over which the wind blows in an essentially constant direction that can produce wave action, will be generated. This wave action causes bay waters to inundate inland areas adjacent to the bay. To resist flooding from the bay, measures can be placed along the bayfront to armor the shoreline in the form of either revetment or bulkheads. Bulkheads and revetment are hardened structures placed at the bayfront shoreline to protect landward property from the erosive forces of tides and wave action that initiate the flooding conditions. Bayfront protection is common throughout the Borough primarily by bulkheads along private property and revetment at the Borough street ends.

Flooding during storms and high tidal conditions originate primarily from the back bay. With the bulkhead system as the main barrier between the mainland and the bay, it was determined that an analysis of this system should be initiated in efforts to mitigate this flooding. This analysis was stalled based on the resistance experienced at the time of its inception. However, it was recently determined that this action should be moved forward on an acceptable schedule. Some actions that will be necessary to advance this program include the review of the stillwater elevation along the bayside to determine an acceptable height of new bulkheads; prepare a draft bulkhead ordinance so the improvements can be regulated; and review of DCA and NJDEP codes which will support this effort. Another action that will need to be reviewed is the implementation of this regulated standard as most of the bulkheads reside on private property and can only be initiated by the owner on their schedule.

Inundation from the bay is likely occurring as most of the existing bulkheads were installed some in the past without specific design standards and are too low in elevation to address the anticipated common flood levels. In order to determine the height along the bay, a survey of bayfront properties was completed in 2014 where the top surface of the bulkheads and revetment structures were obtained. Over 550 points were collected with the following results:

Lowest Elevation 1.82 ft. (NAVD 1988);

Highest Elevation 6.69 ft. (NAVD 1988);

Mean Elevation 3.26 ft. (NAVD 1988).

Stillwater elevations are the projected elevation of floodwaters in the absence of waves resulting from wind or storm related effects. In accordance with FEMA's Flood Insurance Study, Preliminary 2014, the stillwater elevations for the Barnegat Bay in the region of Mantoloking are 3.9', 6.4', 7.5' and 10.1' (NAVD 1988) for the 10% (10-year), 2% (50-year), 1% (100-year), 0.2% (500-year) events, respectively; or the percent chance of that event occurring in one-years' time. Based on the data obtained for the elevations for the top of the existing bulkheads within the Borough, the elevations for the more frequent events are well above those of the bulkheads.

The replacement of deteriorated bulkheads with new, higher bulkheads improves protection from flooding from the back bay. Accordingly, it should be encouraged that the analysis of this system should be reinstated and that owners of properties along the back bay to replace their bulkheads to a regulated elevation or, where feasible, to increase the height of their bulkheads to the required height that is proposed.

3. Stormwater Collection System:

Stormwater runoff is generally precipitation that moves across the land surface by gravity and does not infiltrate into the soils. The Borough's storm sewer infrastructure is designed to collect and convey runoff from impervious surfaces such as paved streets, parking lots, sidewalks, and roofs and discharge the stormwater directly to the Barnegat Bay. The subcomponents of the system vary in size and complexity and consists inclusively of over 130 inlets, a dozen manholes, miles of sewer piping, and almost 20 outfall structures. The Borough's storm sewer system relies on gravity and head pressure to transport water from the ground surface to existing outfalls. Several cross drains along East Avenue are inverted siphons which rely on head pressure to move the water under the roadway.

As in most coastal communities, the low-lying nature of the Borough creates stormwater management challenges with coastal flooding matters adding to the adverse conditions. Since gravity is the preferred means of moving water through the system, flat topography greatly inhibits this action and is further compromised by partially or fully submerged outfalls. This prohibits the rain event from being evacuated through the storm sewer system and exasperating the flooding condition with surcharging at the storm inlet structures, which is compounded with the high bay water from winds and tides. When abnormally high tides occur during times of heavy or intense rain, the elevated back bay waters inhibit the free discharge of stormwater runoff from the Borough's many back bay outfalls, resulting in increased flood depths and greater areas of inundation. The Borough has addressed storm sewer improvements for alleviating these matters by implementing a best management practices in the

design, development, and maintenance of the stormwater sewer collection system for greater watertight storm sewer piping and collection structures.

In general, the Borough's stormwater collection and conveyance system is in good condition and functioning as designed. However, where deficiencies are revealed, or when infrastructure is being improved on local streets, the stormwater system is evaluated and replaced accordingly. With few exceptions, the benefits of upgrading the Borough's stormwater system exceed the cost. However, the cost-effectiveness for individual projects will be determined prior to proceeding with their implementation.

4. Check Valves:

Within a coastal community it is common to dispose of stormwater to the bay through outfalls. These outfalls are at elevations that as the sea level increases at high tides or storm events, bay water begins to surcharge through the storm inlets and create sunny-day flooding at low points within the stormwater collection system. When high tide coincides with rain events, major flooding can occur. This back flow is prevented or mitigated by installing mechanical check valves at these outfalls. Check valves are a device inserted in the stormwater sewer pipe that prevents waters from flowing back into the collection system controlling tidewater. The concern about these devices is that once engaged, the mechanism prohibits water to flow to the bay unless there is sufficient head pressure resulting in potential inundation of areas upstream of the stormwater collection system.

As a precautionary measure to aid in flood mitigation, the Borough enacted a program to have certain outfalls to be fitted with these devices. The program necessitates the continued analysis and evaluation of these devices, as well as the outfalls themselves, and the formulation of appropriate replacement locations as required. It is advised that the Borough continues to review the status of their check valves and update them or repair them as needed. As new technology advances the usefulness of these products, it would then be considered that such products be incorporated into the overall replacement program.

5. Roadway Elevations:

Another practice of flood mitigation is the attempt to increase the surface elevation of roadways above the floodwater conditions. The intent is to raise the road surface elevation above the back bay flood level in the inundation areas. The Borough has implemented this method of mitigation where possible during roadway capital projects. Due to the overall costs that have to be considered when improving roadways which include upgrades to existing utilities and improving sidewalks and curbs, a systematic approach for roadway improvements are project specific. In addition, any specific stormwater conveyance problems that can be remedied in conjunction with this program are included. Roadways are improved based on the amount of funds available and the associated cost benefit for such an improvement. The actual elevation of the roadway when constructed is limited to the surrounding elevations of yards and first floor and garage elevations of residential structures.

6. Dredging.

Dredging is the removal of sediment, mud, debris, or other materials from the bottoms of open waters and rivers, and dredging is typically used to ensure proper depths in navigable channels, moorings at private docks, and berthing locations for vessels. The deposition of dredged materials always needs to be carefully considered for environmental impacts on marsh areas, sedge islands, and floodplain locations. The goal of dredging to accomplish flood mitigation with the creation of available storage volume requires the removal of the dredged material from the flood plain. Dredging a waterway wider than the preconstruction conditions will have the potential to create greater fetch which in turn attributes to increased wave action in an open waterbody such as the Barnegat Bay during storm events. Dredging the Barnegat Bay does not appear to be effective in preventing the frequent back bay inundation flooding as the overall volume increase from the dredging activities would be fairly insignificant for the tidally influenced large body of water. The restoration of shoreline marshes, wetlands, and living coastlines with dredged materials to reduce wave action impacts and wave crest heights does not appear applicable for the Borough of Mantoloking as the majority of the municipality contains bulkheads or rock revetment, and the restoration of these living shorelines would not assist with mitigating the frequent sunny-day flooding events along the Borough's back bay areas. Additionally, considering the amount of dredging necessary to achieve even minimal lowering of potential flood events for the typical sunny-day inundation events makes it impractical and not technically and financially achievable as a flood mitigation measure for the sunny-day flooding conditions.

As part of the recovery effort for Superstorm Sandy, the Barnegat Bay was dredged to remove that vast amount of sediment and debris that was deposited into the bay by the storm event. The dredged material along the Borough was sifted and any material that was designated as beneficial for use was incorporated into the Borough's beach and dune system as part of the storm recovery activities. During the dredging of the Barnegat Bay for the post-Sandy recovery work, the shoaling in and around the municipal stormwater outfalls were removed. Since the dredging work was completed, the Mantoloking Department of Public Works (DPW) has implemented a program for inspecting the stormwater outfalls on a yearly basis, before and after a significant storm event, or after a complaint has been registered with the Borough. As a function of this outfall monitoring program, the outfalls are generally free of any obstructions from sediment build-up allowing for a discharge of the full pipe condition under a tailwater effect. As such, it is not recommended to implement a dredging program as a flood mitigation measure for addressing the sunny-day flooding conditions.

There are many benefits to the implementation of the above mitigation efforts to aid in the resistance of flooding. However, there are concerns and deterrents that hinder the utilization of such actions for certain situations and scenarios. A matrix has been attached to aid in the understating of the advantages and disadvantages of the above described mitigation efforts.

The implementation of water quality Best Management Practices (BMPs) in addition to flood mitigation measures can be incorporated into certain flood mitigation improvements. As a primary treatment measure, a bar screen, sediment forebay, and/or baffles can be included in the design of a stormwater pump station. But inherently, as primary treatment improvements are added to a stormwater pump station, the construction cost for the pump station will increase. A manufactured treatment device (MTD) can also be included upstream of a pump station to address water quality as both a primary and secondary treatment measure with the use of filter cartridges, filtration media, or hydrodynamic separation. MTDs can remove larger pollutants and floatable debris, similar to other primary treatment BMPs, and also can separate and remove oils, greases, and total suspended solids (TSS). Routine maintenance is required for both primary BMPs and for MTDs that act as secondary treatment to ensure long-term functionality of the BMPs. The Borough has debris retention castings on all their storm sewer inlets and catch basins. Debris retention grates are designed in accordance with State requirements to act as a primary BMP to capture and prevent large floatable debris from entering the storm sewer system. All debris retention castings have educational messages permanently cast into the surface of the grate or top of the curb piece informing the general public not to dump waste and that the system drains to a surface water body. The implementation of water quality BMPs as part of the storm sewer series typically requires a storm sewer system that is empty or dry in between storm events and not submerged. As most of the storm sewer system in the Borough is typically submerged, the implementation of water quality BMPs are not usually applicable as their functions are compromised. Therefore, in addition to the existing debris retention castings on the stormwater collection structures, a stormwater pump station would be the best flood mitigation measure to incorporate water quality BMPs in the Borough.

The use of vegetation could be beneficial to a limited extent for the reduction of sunny-day flooding events. The use of vegetation which rely on tree and shrub root uptake to assist with flood mitigation could be a supplemental control measure for any application of improvements within the Borough. However, the sole use of vegetation alone to control and mitigate sunny-day flooding events within the Borough would not be practicable or successful due to the volume of water from the back bay and the lack of available land for vegetated flood buffers. Any attempt at using vegetated buffers for flood mitigation would require permanent conservation easements on private land or restrictions on public property. Vegetation also provides a water quality benefit with the absorption, attenuation, and interception of stormwater runoff. The use of vegetation is more advantageous and applicable for a riverine floodplain environment and not as much for a back bay inundation flooding condition, as experienced within Mantoloking.

A regional planning approach could be a supplemental planning and implementation tool in addition to the individual municipal work. The ability to join or merge adjoining municipalities and common stakeholders in a consolidated effort could be a potential advantage for addressing the sunny-day flooding events, as flood waters typically overlap municipal boundaries. The collaboration of multiple municipalities as a regional approach to flood mitigation may have some disadvantages as well due to differences in specific project goals and objectives with the benefits from single projects only being achieved within the limits of one municipality based on the project locations. Also, the cost sharing for projects will need to be established for any joint

ventures between municipalities. From a planning and potentially from a grant application stand-point, the regional approach may have greater benefits than the actual physical implementation of projects, which more commonly would have direct benefits only to individual municipalities.

The use of on-line web based planning tools are also made available from various state and regional environmental groups, including the Getting to Resilience – A Community Planning Evaluation Tool and the NJ Flood Mapper. The Prepare Your Community web site actually links the NJ Flood Mapper through their site. The NJ Flood Mapper provides modeling scenarios for various storm events, and the site allows the user to create site specific mapping for selected areas of concern for flooding. However, the NJ Flood Mapper does not take into consideration wind driven flood surge. So, the flood conditions on these maps generated for the Borough with this tool may actually at times be slightly inaccurate if certain flooding events coincide or are the result of wind fetch and prolonged, sustained south / southwest winds for the surcharging conditions experienced in the Borough.

Conceptual Mitigation Measures

The seven (7) locations identified in the Study which are experiencing sunny-day flooding have been individually reviewed in this section to determine a site specific conceptual means and methodology to mitigate the flooding conditions. For this conceptual level of design, the below mitigation measures have not taken into account the level of effort or cost for environmental permitting, outside agency approvals, potential restrictions due to threatened and endangered species or habitats, relocation of existing utilities, and/or acquisition of easement rights that may be required to accomplish any new flood mitigation improvement. The following methods are conceptual and a subsequent detailed design for any proposed implemented mitigation measure would be necessary prior to final construction.

As an overview for a capital project's life from concept to completion, the project almost always commences with sound planning. This Report will act as a planning tool to assist the Borough in development of capital projects related to flood mitigation along the back bay. To further develop or advance a project after the planning stage, the design stage includes several phases with the initial task for data acquisition. An existing conditions survey, title search, utility as-built requests, field reconnaissance, exploratory excavation, and stakeholder meetings can all be part of proper due diligence for acquiring data and information for a project. Once base mapping is created from the efforts of data acquisition with topography, easements, elevations of structures, utilities, and all physical improvements within an area of work, a design can commence at the desktop. During the desktop design, subsequent field investigations typically continue to occur to reinspect certain critical components, to verify certain elements, and/or meet with various individuals, including utility company representatives, residents within the proposed limits of work, and DPW staff. The design phase will entail the preparation of Contract Documents, including Contract Specifications and Drawings. Bids are solicited for capital projects with the quote process or the closed-bid process depending on the cost and thresholds established by Local Public Contracts Law with increased quote and bid thresholds for the Borough with their Qualified Purchasing Agent (QPA). The municipality will award a Contract to the lowest responsive and responsible bidder for construction. The Contract Documents will dictate the duration for the construction period, special

conditions or provisions for each project, and establish the scope of work to be completed. The New Jersey Department of Transportation (NJDOT) Local Aid and Economic Development office administers various grant programs for municipal infrastructure improvements projects including roadway betterments. The New Jersey Office of Emergency Management (NJOEM) have issued Notices of Funding Opportunity (NOFO) in the past for Federal Emergency Management Agency (FEMA) Flood Mitigation Assistance (FMA) and Pre-Disaster Mitigation (PDM) Grant Programs. The US Department of Housing and Urban Development (HUD) has also provided funding grants to the NJ Department of Community Affairs (DCA) as Community Development Block Grants (CDBG), which may also be administered by the NJDEP. Typically, any grant application package requires concept level construction documents, technical calculations and support information, general location maps, cost estimates, narrative descriptions of the project as it relates to the subject grant program for eligibility, and an executed application form with supporting resolution from the governing body. For grants from a federal funding source, a Benefit-Cost Analysis (BCA) is typically required to justify the project expenditures, as part of the grant application package.

The below cost estimates associated with each location are only conceptual construction costs, and the below conceptual estimates do not include other various project costs that are generally required for capital improvement projects such as environmental permitting, potential existing utility relocations, surveying, attorney fees, design costs, bidding, and construction inspection and administration services.

Location 1 – Albertson Street (bay side)

The subject area is situated in the southern portion of the Borough and intersects with Runyon Lane. The site is experiencing street flooding from the inundation of back bay waters in the areas of low elevations which at times is compounded with sheet flow runoff conditions from the upstream drainage area. The current stormwater collection system is a small spillway or curb penetration culvert to convey surface water runoff from the east to the west and into the Barnegat Bay. The elevation of the street end, which consists of rock revetment, is at an elevation of 2.20' (NAVD '88) which is significantly low compared to the stillwater elevation of the more frequent storm events while the immediate surrounding areas have bulkheads at elevations of 3.93' (NAVD '88) and higher. Also, rock revetment does not impede the back bay waters from inundating the landward areas, and rock revetment is typically installed as a shoreline stabilization method to prevent or control bank erosion. The conceptual flood mitigation measure for this location would be a combination of elements including modifications to the street end from revetment to a bulkhead, installation of a watertight stormwater collection system with a check valve on a new outfall, and raising the roadway surface elevation approximately 12" – 18". The conceptual construction cost for the Location 1 concept flood mitigation measures is a range between \$127,000 and \$190,500.

Location 2 – Bay Avenue (from Princeton Avenue to Arnold Street)

To supplement recent flood mitigation measures which included raising the roadway surface, lining the existing outfall pipe to correct groundwater

infiltration from open joints, installing vacant conduit for a potential future stormwater pump station, and purchasing a new check valve, other measures can be implemented to mitigate on-going sunny-day flooding conditions. The installation of a stormwater pump station would be another flood mitigation measure for this subject location. If a pump station is constructed, improvements to the street ends and bulkheads that are situated within the limits of this location will also have to be upgraded. Currently the street ends of Princeton Avenue and Arnold Street consist of rock revetment at elevations 2.69' and 1.70' (NAVD '88), respectively, and with the bulkhead for Outfall No.22 at 2.60' (NAVD '88). Since the stillwater elevation for the 10-year storm event is 3.90' (NAVD '88), it would be recommended for this site that modifications to the street ends be considered for the installation of bulkheads. In addition, it was observed that the privately owned bulkheads elevations along this portion of Bay Avenue ranges from 2.08' to 2.66' (NAVD '88). With the stillwater elevation for the 10-year storm event at 3.9', it is strongly recommended that the bulkheads be raised on the private property. Since these bulkheads are privately owned, such raising activities will need to be conducted by the individual property owner. The residential properties that do not have bulkheads have stone revetment at elevations 3.31' to 3.59' (NAVD '88). The potential for conditions of back bay surcharging of the pump station wet well would still exist and shall be considered for conveyance of the larger storm events and not just for frequent sunny-day flooding conveyance. The installation of new storm sewer collection system for Arnold Street would be a consideration with the installation of a new stormwater pump station on Bay Avenue with the abandonment of the existing outfall on Arnold Street. Again, the concern with a new storm sewer network on Arnold Street connected to a pump station on Bay Avenue would be the potential for flooding surcharge from the Barnegat Bay from the residential properties without bulkheads. The conceptual construction cost for the Location 2 concept flood mitigation measures is a range between \$938,000 and \$1,407,000.

For Location 2, the location of the pump equipment and associated panels would probably be located at the western unimproved end of Princeton Avenue within the public right-of-way, and the planning for the proposed location will need to be considered to avoid conflicting with the existing 48" diameter force main discharge line from the Ocean County Utilities Authority (OCUA) treatment plant in Brick Township.

Location 3 – Old Bridge Street (at the intersection of Bay Avenue)

The intersection of Old Bridge Street and Bay Avenue still experiences sunny-day flooding conditions with the surcharging of the storm sewer structures from high bay waters, which does at times get compounded with the runoff to these low points from coinciding rain events. The storm water collection system shall be reconstructed with a direct replacement of watertight sewer or lined to create a watertight system, and a new check valve should be installed to replace the existing outfall check valve. The roadway surface elevation in this location had been raised in the past through the Borough's roadway improvement program. The conceptual construction costs for the Location 3 concept flood mitigation measures are ranges

between \$164,000 and \$246,000 for direct replacement of the storm sewer system or between \$133,000 and \$200,000 for lining the existing storm sewer system.

Locations 2 and 3 - Combined

As mentioned previously, the NJDOT has installed stormwater pump stations at the westerly street ends of both Downer Avenue and Lyman Street to collect runoff from State Highway 35 (Ocean Avenue). With the Downer Avenue pump station situated between Locations 2 and 3 of the Study, the existing storm sewer for Arnold Street and for the intersection of Old Bridge Street and Bay Avenue could potentially be realigned, reconstructed, and connected to the NJDOT storm sewer system within the municipal right-of-way on Downer Avenue upstream of the NJDOT pump station. As previously indicated, a letter has been submitted to the NJDOT for review and approval to allow for municipal storm sewer interconnections to the NJDOT storm sewer infrastructure in Downer Avenue and Lyman Street. The existing outfalls at Old Bridge Street and Arnold Street would be abandoned. The conceptual construction cost for the combined Locations 2 and 3 concept flood mitigation measures is a range between \$388,000 and \$582,000.

As indicated above, the concern with a new storm sewer network on Arnold Street connected to the existing NJDOT pump station on Downer Avenue would be the potential for flooding surcharge from the Barnegat Bay from the residential properties without bulkheads.

If technically and financially feasible, the overall objective for this conceptual project would be to capture the drainage area tributary to Outfall No. 22 on Bay Avenue located between Arnold Street and Princeton Avenue for an interconnection to the NJDOT pump station on Downer Avenue. The low point on Bay Avenue for Outfall No. 22 is approximately 1,000 linear feet from the Bay Avenue and Downer Avenue intersection. The above conceptual cost estimate for combined Locations 2 and 3 does not include the storm sewer improvement costs that would be required from the Bay Avenue low point for Outfall No. 22 to the existing storm sewer on Downer Avenue for the interconnection improvements. The concern for this interconnection work would be the depth of the storm sewer with adequate cover over the top of the storm sewer from the low point on Bay Avenue for Outfall No. 22 to the Downer Avenue infrastructure with the crossing of the other existing topographic low point on Arnold Street. The storm sewer extension for this proposed interconnection would need to cross and/or run parallel to several existing utilities within the public right-of-way, including a natural gas transmission main recently drilled under the Barnegat Bay at Arnold Street, the municipal gravity sanitary sewer main, the municipal sanitary sewer force main, a water transmission line for the booster pump station on Bay Avenue, gas main distribution lines, sanitary sewer laterals for residential homes, and water main distribution lines, and the conceptual storm sewer interconnection would require significant dewatering activities, temporary shoring and protection of trenches, temporary shoring and protection of existing utility poles for overhead lines, and major roadway restoration for pavements, curbing, sidewalks, driveways, hardscaping, fencing, lawns, stone mulch,

etc. If the NJDOT approves the Borough's request for the storm sewer interconnection, this option for connecting the drainage area tributary to Outfall No. 22 on Bay Avenue to the NJDOT system on Downer Avenue will be reviewed and investigated further to determine the scope of work and feasibility for this project along with a more detailed cost estimate.

Location 4 – Barnegat Lane (from Bergen Avenue into the Borough of Bay Head)

Sunny-day flooding occurs along the northern portion of Barnegat Lane and into the Borough of Bay Head due to the low-lying topography of the area and the surcharging of storm sewer structures within the municipal public roadways. Similar to all the subject flood locations within the Borough, rain events coinciding with high back bay waters greater even greater flooding conditions. A stormwater pump station at this location may be problematic at this time due to the jurisdictional complications with the flooding occurring on the municipal boundary with Bay Head. As indicated in other sections of this Study, the raising of existing bulkheads is typically a common improvement associated with any proposed stormwater pump station to minimize the impacts of back bay surcharging conditions on the pump station wet well. In addition, it was observed that the elevations of the bulkheads along this portion of Barnegat Lane ranges from 1.84' to 2.60' (NAVD '88) in elevation. Since the stillwater elevation for the 10-year storm event is 3.90' (NAVD '88), it is strongly recommended that the bulkheads be raised. Since these bulkheads are privately owned, such raising activities will need to be conducted by the individual property owner. An NJDOT grant has been procured from the NJDOT Fiscal Year 2019 Municipal Aid Program to assist with implementing flood mitigation measures including storm collection improvements, check valve installation, and raising the surface of the roadway to the greatest elevation technically feasible. The potential for a stormwater pump station will be evaluated during the design phase of the capital improvement project, including the implementation of any potential improvements to incorporate a future pump station will be completed under the capital project as a phased approach to the mitigation measures along with the planning for siting the associated elevated panels and utility platform. The conceptual construction cost for the Location 4 concept flood mitigation measures is a range between \$400,000 and \$600,000.

With an NJDOT stormwater pump station situated on Goetze Street in the Borough of Bay Head, the existing storm sewer for the low area at the municipal boundary with Bay Head and Mantoloking at the transition from Barnegat Lane to Clayton Avenue could potentially be realigned, reconstructed, and connected to the NJDOT storm sewer system within the municipal right-of-way on Goetze upstream of the NJDOT pump station. As previously indicated, a letter has been submitted to the NJDOT for review and approval to allow for municipal storm sewer interconnections to the NJDOT storm sewer infrastructure in Mantoloking. If the Borough is successful in their request to the NJDOT for a municipal interconnection, an interconnection for the NJDOT storm sewer system in Bay Head may be possible. The existing outfall at the transition location from Barnegat Lane to Clayton Avenue would be abandoned. The wet well for the Goetze Street

NJDOT pump station is approximately 1,350 linear feet from the low area of sunny-day flooding on Barnegat Lane and, subject to the NJDOT approval, this potential mitigation measure would require further detailed investigation as a feasible alternative option.

Location 5 - Bergen Avenue (from the causeway to Lagoon Lane)

The intersection of Bergen Avenue, Lagoon Lane, and Channel Lane experiences sunny-day flooding from the surcharging of the storm sewer system which has an existing stormwater outfall in South Lagoon. The existing storm sewer upstream of an existing check valve on the outfall may contain leaking joints or pipe sections allowing water from South Lagoon to bypass the check valve or the existing may need to be replaced. Reconstruction of the existing storm sewer with internal lining or direct replacement is the mitigation measure for this location to mitigate sunny-day flooding along with replacement of the existing check valve. The existing check valve is a TF-1 style valve located on the downstream end of the pipe within South Lagoon. The replacement check valve should be an in-line style valve located within the storm sewer structure in the subject intersection of Bergen Avenue, Lagoon Lane, and Channel Lane. The in-line style check valve should also assist with addressing any bypass conditions with the storm sewer downstream of the valve along with eliminating the potential for shoaling around the check valve within South Lagoon which interferes with the performance of the valve. Existing storm sewer structures, such as the catch basins or storm inlets, would need replacement to ensure a watertight construction. Bulkhead could also be installed at the beaches of North Lagoon and South Lagoon, but the beaches at the Lagoons are listed as a "recreational water access point" on the Borough's Municipal Public Access Plan and improvements to this area may be limited so that such access is maintained. The conceptual construction costs for the Location 5 concept flood mitigation measures are ranges between \$280,000 and \$420,000 for direct replacement of the storm sewer system or between \$250,00 and \$375,000 for lining the existing storm sewer system.

Location 6 - Lagoon Lane (northern section)

The north end of Lagoon Lane still experiences sunny-day flooding conditions with the surcharging of the storm sewer structures from high bay waters, which does at times get compounded with the runoff to these low points from coinciding rain events. The storm water collection system shall be reconstructed or lined to create a watertight system, and a new check valve should be installed to replace the existing outfall check valve. The roadway surface elevation in this location had been raised in the past through the Borough's roadway improvement program. The conceptual construction costs for the Location 6 concept flood mitigation measures are ranges between \$45,000 and \$67,500 for direct replacement of the storm sewer system or between \$27,000 and \$40,500 for lining the existing storm sewer system.

Location 7 – Channel Lane (at the cul-de-sac bulb)

The cul-de-sac bulb on Channel Lane still experiences sunny-day flooding conditions with the surcharging of the storm sewer structures from high bay waters, which does at times get compounded with the runoff to these low points from coinciding rain events. The storm water collection system shall be lined to create a watertight system, and a new check valve should be installed to replace the existing outfall check valve. The location and alignment of the existing storm sewer outfall under the private property of 222 and 226 Channel Lane (Block 17, Lots 15 and 16.03, respectively) does not allow for the direct replacement and reconstruction of the existing storm sewer system. The roadway surface elevation in this location had been raised in the past through the Borough's roadway improvement program. The conceptual construction cost for the Location 7 concept flood mitigation measures is a range between \$40,000 and \$60,000.

Locations 5, 6, and 7 - Combined

Due to all the locations experiencing similar surcharging conditions of inundation and with the areas of concern within proximity to the intersection of Channel Lane, Bergen Avenue, and Lagoon Lane (subject intersection), a stormwater pump station to mitigate flooding could potentially be installed at the subject intersection. A new stormwater pump station will require bulkheads at the Bergen Avenue causeway between North Lagoon and South Lagoon and will also require new watertight storm sewer improvements to collect the runoff from the Channel Lane cul-de-sac and from the north end of Lagoon Lane and convey the stormwater to the pump station wet well located at the subject intersection. The existing outfalls at Bergen Avenue, Channel Lane, and North Lagoon Lane would be abandoned. The conceptual construction cost for the combined Locations 5, 6, and 7 concept flood mitigation measures is a range between \$1,455,000 and \$2,183,000.

For the combined mitigation measures for Locations 5, 6, and 7, the location of the pump equipment and associated panels would probably be located at the open space area within the public right-of-way at the Bergen Avenue causeway between the South Lagoon and North Lagoon waterbodies, and the planning for the proposed location will need to be considered to avoid conflicting with the Borough's Municipal Public Access Plan for NJDEP approved access location points for the Borough's open waters.

The Borough will need to select projects in the future for the implementation of flood mitigation measures to address the frequent sunny-day flooding conditions along the back bay areas of the municipality. The ranking of projects for determining the order for constructing the improvements and advancing with project designs can be accomplished with a system for prioritization. The system can be based on available funding; concerns and complaints from the general public; interference to evacuation routes for health and safety; environmental permitting process duration; estimated construction duration; number of residents impacted; number of repetitive loss insurance claims for public and private improvements; eligibility and receipt of grants; project dependence on off-site improvements by private residents; NJDOT response

for storm sewer interconnections; or by the severity of flooding. The methodology for prioritization is a policy decision for the Borough and can be based on the above criteria, a combination of the above ranking classifications, or any other criteria established by the Borough. A ranking system with an established point or rating classification value may provide justification for the selection of a certain project in the sequence of project implementation.

Summary

Excessive flooding over time even through minor events can negatively change how people live and how the community operates. It is important that the various Borough departments work together with the general public when collaborating improvements to ensure the proper strategies are implemented to achieve the end goal of improving everyday daily life. Because flooding is a complex problem, a great deal of consideration and time is required when strategizing, planning, and implementing mitigation efforts. As Mantoloking is vulnerable to flooding from the back bay, whether from large scale events or the impacts of sunny-day flooding, an adequate system of defense against it may not be from one specific project or mitigation activity but perhaps a multi-systematic approach which incorporates a combination of mitigation measures. Back bay flooding is a frequent occurrence that warrants continued study, analysis, and the implementation of flood mitigation measures.

If you have any questions or comments regarding this report, please feel free to contact our office to discuss.

Truly yours,

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Borough of Mantoloking
Flood Strategy Committee
Flood Mitigation Plan-
Back Bay Flooding

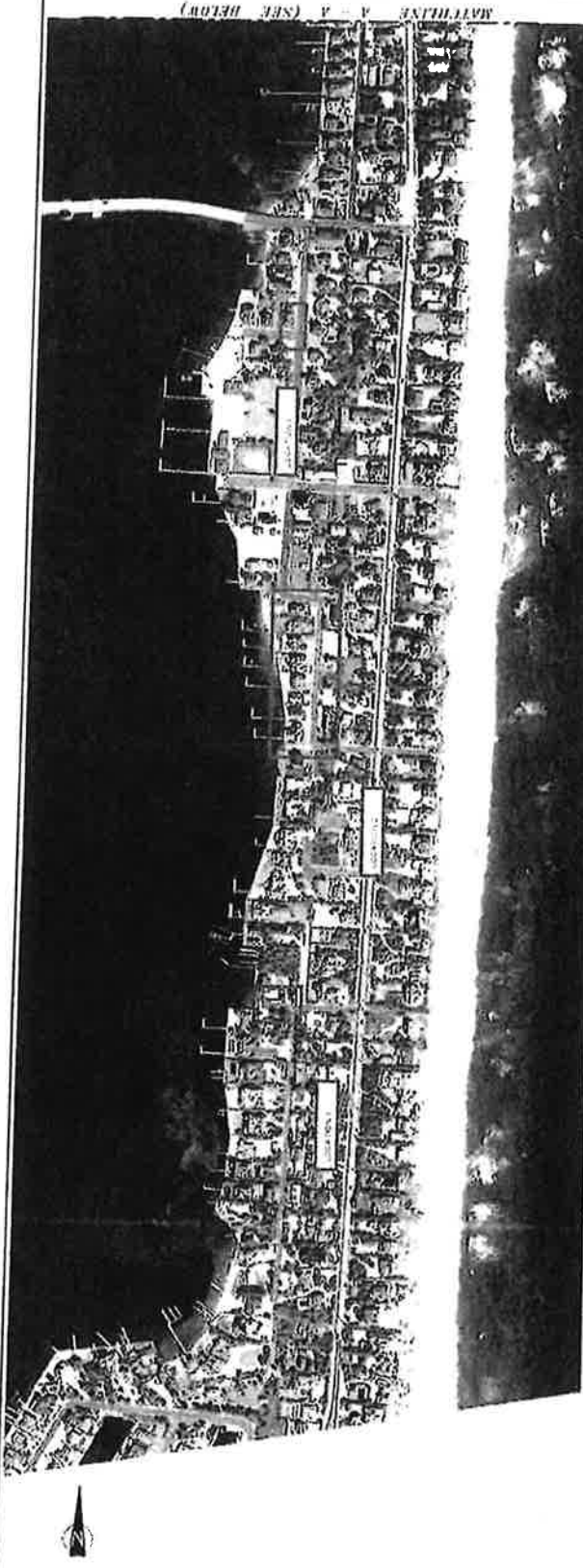
Advantages and Disadvantages for Mitigation Strategies Provided in Study

	Disadvantages	Advantages
Stormwater Pump Station	<p>Loss of property value due to the installation of the station;</p> <p>Noise nuisance during operations;</p> <p>Obtaining site location for its installation;</p> <p>Determining acceptable elevation of controls to reduce negative aesthetics/loss of views;</p> <p>Constant maintenance to keep the station functioning properly, cost;</p> <p>Implementing a system to operate when power is lost, measures in place if back-up system fails;</p> <p>Costs associated with the design and construction of the station;</p> <p>Employment of a staff capable of operating the station.</p>	<p>Alleviates flooding from surrounding areas;</p> <p>Moves large amounts of water at a time;</p> <p>Moves water against negative grades;</p> <p>Conveys stormwater into Barnegat Bay under pressure during high bay back water conditions;</p> <p>Ability to incorporate water quality treatment measures as part of the pump station system.</p>
Bulkheads	<p>Loss of views due to height of structure;</p> <p>Loss of yard functions due to installation of structure;</p> <p>Limits access to bay for recreational activities;</p> <p>Requires height to be consistent with adjacent neighbors to function properly;</p> <p>Regulating installation to ensure proper elevation;</p> <p>Implementing improvements on private property.</p>	<p>Impedes inundation from bay;</p> <p>Cost effective installation;</p> <p>Minor maintenance once installed;</p> <p>Long lasting (when maintained properly).</p>
Stormwater Collection System	<p>Costs associated with the design and construction of the system;</p> <p>Subject to clogging/failure due to debris;</p> <p>Required to be maintained/cleaned regularly to function properly;</p> <p>Capacity limited to space available;</p> <p>Costly repairs (if needed) as system is primarily under roadways;</p> <p>Limited conveyance capacity with tailwater effect from bay waters and limited pipe size and slope;</p> <p>Limited pitch due to low-lying coastal topography causing longer time for system to drain.</p>	<p>Collection system for run off;</p> <p>Long lasting (when maintained properly);</p> <p>Incorporates debris retention castings for the storm collection structures for primary treatment for water quality measure.</p>
Check Valves	<p>Reliability;</p> <p>Constant maintenance to keep the devices functioning properly, cost;</p> <p>Bypass concerns for poor outfall pipe conditions;</p> <p>When activated, prevents natural discharge of drainage system through outfalls.</p>	<p>Prevents surcharge of bay water into collection system;</p> <p>Easy replacement (if needed).</p>
Roadway Elevation	<p>Elevation limited to surrounding yards and structures (first floor, garages, etc.);</p> <p>Costs associated with the design and construction of the roadway improvement;</p> <p>Sheet flow or run off of stormwater with flat road grades.</p>	<p>As flood waters rise, surrounding areas are not inundated;</p> <p>Passive improvement once completed;</p> <p>General maintenance once installed.</p>
Dredging	<p>Utilized more for navigation purposes, not mitigation;</p> <p>Increases fetch with widening of waterbodies for potential increase in storm surge and wave action during major events;</p> <p>To achieve even minimal lowering of flood elevations, the level of effort to accomplish mitigation is impractical.</p>	<p>There are no current advantages to this activity as the outfalls are typically free of debris due to the current routine maintenance schedule.</p>

Map
 M
 100' = 1" (1:12,500)
 100' = 1" (1:12,500)
 100' = 1" (1:12,500)



MATCHLINE A - A (SEE ABOVE)



MATCHLINE A - A (SEE BELOW)