



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

T +1 (732) 780 6565
F +1 (732) 577 0551
www.mottmac.com

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, it 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 other 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 convey 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,

Mott MacDonald, LLC



Larry Plevier, PE, CME
Borough Engineer
T 732.780.6565 F 732.577.0551
larry.plevier@mottmac.com

cc: Mayor E. Laurence White
Beverly Konopada, RMC, CMR
Flood Strategy Committee Members
Francis X. Bruton, CFM

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; Noise nuisance during operations; Obtaining site location for its installation; Determining acceptable elevation of controls to reduce negative aesthetics/loss of views; Constant maintenance to keep the station functioning properly, cost; Implementing a system to operate when power is lost, measures in place if back-up system fails; Costs associated with the design and construction of the station; Employment of a staff capable of operating the station.</p>	<p>Alleviates flooding from surrounding areas; Moves large amounts of water at a time; Moves water against negative grades; Conveys stormwater into Barnegat Bay under pressure during high bay back water conditions; 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; Loss of yard functions due to installation of structure; Limits access to bay for recreational activities; Requires height to be consistent with adjacent neighbors to function properly; Regulating installation to ensure proper elevation; Implementing improvements on private property.</p>	<p>Impedes inundation from bay; Cost effective installation; Minor maintenance once installed; Long lasting (when maintained properly).</p>
Stormwater Collection System	<p>Costs associated with the design and construction of the system; Subject to clogging/failure due to debris; Required to be maintained/cleaned regularly to function properly; Capacity limited to space available; Costly repairs (if needed) as system is primarily under roadways; Limited conveyance capacity with tailwater effect from bay waters and limited pipe size and slope; Limited pitch due to low-lying coastal topography causing longer time for system to drain.</p>	<p>Collection system for run off; Long lasting (when maintained properly); Incorporates debris retention castings for the storm collection structures for primary treatment for water quality measure.</p>
Check Valves	<p>Reliability; Constant maintenance to keep the devices functioning properly, cost; Bypass concerns for poor outfall pipe conditions; When activated, prevents natural discharge of drainage system through outfalls.</p>	<p>Prevents surcharge of bay water into collection system; Easy replacement (if needed).</p>
Roadway Elevation	<p>Elevation limited to surrounding yards and structures (first floor, garages, etc.); Costs associated with the design and construction of the roadway improvement; Sheet flow or run off of stormwater with flat road grades.</p>	<p>As flood waters rise, surrounding areas are not inundated; Passive improvement once completed; General maintenance once installed.</p>
Dredging	<p>Utilized more for navigation purposes, not mitigation; Increases fetch with widening of waterbodies for potential increase in storm surge and wave action during major events; 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>

NO	1	1	1
NO	1	1	1

BOROUGH OF MANTOLOKING
 OCEAN COUNTY, NEW JERSEY
 FLOOD STRATEGY COMMITTEE
 FLOOD MITIGATION FEASIBILITY STUDY

M
 MOTT
 MACDONALD
 CONSULTANTS, INC.
 26428916000
 3000 W. 10th St.
 Mantoloking, NJ 07728

DATE	DESCRIPTION

NO	1	1	1
NO	1	1	1



MATCHLINE A - A (SEE ABOVE)



MATCHLINE A - A (SEE BELOW)

BOROUGH OF MANTOLOKING
Financial Report for the Month of July 31, 2020
Status of the Budget on July 31, 2020

FUND	APPROPRIATION	CURRENT BALANCE	EXPENDED DURING MONTH	EXPENDED YEAR TO DATE	ENCUMBERED BALANCE	APPROPRIATION BALANCE
2020 ADOPTED BUDGET	\$5,662,952	\$2,813,720	\$556,066	\$3,405,298	\$40,265	\$2,217,389
2019 RESERVE BUDGET- CURRENT	\$5,283,897	\$372,858	\$250	\$283,664	\$750	\$371,858
2020 CAPITAL FUND	\$1,543,000	\$1,109,840	\$8,821	\$309,607	\$132,374	\$1,101,019
SANDY EMERGENCY FUNDS	\$146,568	\$139,968	\$0	\$0	\$0	\$139,968
TOTAL	\$12,636,417	\$4,436,386	\$565,137	\$3,998,569	\$173,389	\$3,830,233

(Subcategory of Capital Fund)	APPROPRIATION	CURRENT BALANCE	EXPENDED DURING MONTH	EXPENDED YEAR TO DATE	ENCUMBERED BALANCE	APPROPRIATION BALANCE
Construction-Municipal Building	\$890,832	\$605,386	\$17,405	\$171,911	\$130,941	\$587,981

Receipts, Disbursements and Changes in Cash Balance During the Month of JULY 31, 2020

FUND	CASH BALANCE JANUARY 1, 2020	CASH BALANCE BEGINNING OF MONTH	CASH RECEIVED	CASH DISBURSED	CASH BALANCE END OF MONTH
2020 CURRENT FUND	\$3,326,063	\$2,782,031	\$1,378,140	\$2,163,589	\$1,996,582
CAPITAL FUND	\$2,567,262	\$2,293,058	\$100	\$35,404	\$2,257,754
ANIMAL CONTROL FUND	\$223	\$235	\$10	\$0	\$246
OTHER TRUST FUNDS	\$524,694	\$560,499	\$140	\$119	\$560,520
PAYROLL ACCOUNT	\$56,176	\$77,628	\$264,141	\$273,865	\$67,904
UNEMPLOYMENT ACCOUNT	\$34,091	\$34,114	\$5,001	\$0	\$39,115
LAW ENFORCEMENT TRUST	\$2,848	\$2,850	\$0	\$0	\$2,850
TOTAL	\$6,511,358	\$5,750,415	\$1,647,533	\$2,472,977	\$4,924,972

BOROUGH OF MANTOLOKING
CASH RECEIPTS
July 31, 2020

<u>REVENUE SOURCE</u>	<u>REVENUE THIS</u> <u>MONTH</u>	<u>YEAR TO DATE</u>	<u>2020</u> <u>AMOUNT</u>
SURPLUS		0.00	
MUNICIPAL COURT FINES	973.64	8,522.29 0.00	0.00
INT & COST ON TAXES	1,234.76	11,747.75	0.00
INT ON INVESTMENTS	252.04	4,751.46	0.00
SEWER REVENUE	61,079.31	133,345.28	0.00
STATE AID:			
LEG INT BLK GRANT		0.00	0.00
CMPTRA		0.00	0.00
ENERGY TAX	6,555.00	6,555.00	0.00
SUPPL ENERGY TAX		0.00	0.00
FEMA		0.00	
HOMESTEAD REBATE		0.00	0.00
CONSTRUCTION CODE	6,496.00	68,303.00	0.00
CONSTRUCTION CODE FINES		0.00	
DCA FEES	164.00	2,830.00	
ZONING	1,075.00	6,925.00	
BEACH BADGES	58,430.70	250,144.23	0.00
GRANTS:			
RECYCLING TONNAGE		0.00	0.00
DRUNK DRIVING ENF		0.00	0.00
CLEAN COMMUNITIES		4,000.00	0.00
BODY ARMOR		1,339.35	0.00
SEA WALL GRANT (STATE AGREEMENT)		0.00	0.00
ALC REHAB		500.12	0.00
SUSTAINABLE NEW JERSEY GRANT		1,096.80	0.00
DISTRACTED DRIVER GRANT		0.00	0.00
DOT		0.00	0.00
ZONING GRANT		0.00	0.00
BULLET-PROOF VESTS		0.00	0.00
FEMA-BEACH PUSH		0.00	0.00
DRIVE SOBER OR GET PULLED OVER-HOLIDAY		0.00	0.00
HAZARD MITIGATION GRANT		0.00	0.00
CLICK IT OR TICKET		0.00	0.00
CAPITAL SURPLUS		0.00	0.00
PETTY CASH		0.00	
RESERVE FOR PAYMENT OF BOND ANTIC NOTES		0.00	0.00
RESERVE FOR INSURANCE PROCEEDS		0.00	0.00
RES FOR SALE OF MUN ASSETS			0.00

**BOROUGH OF MANTOLOKING
CASH RECEIPTS
July 31, 2020**

<u>REVENUE SOURCE</u>	<u>REVENUE THIS</u>	<u>YEAR TO DATE</u>	<u>2020</u>
	<u>MONTH</u>		<u>AMOUNT</u>
RECEIPT FROM			
DELINQUENT TAXES		38,139.72	0.00
CURRENT TAXES RECEIVABLE	1,171,459.30	6,032,278.35	0.00
VETS & SR		0.00	0.00
PREPAID TAXES	58,803.88	58,803.88	0.00
M.R.N.A.:			
COPIES	50.00	81.31	0.00
CABLE TV FRANCHISE		5,607.65	0.00
INSURANCE		0.00	0.00
MISC.	131.75	1,582.15	0.00
PLANNING		0.00	0.00
FEEES AND PERMITS	415.00	3,410.00	0.00
BUDGET REFUNDS	10,959.48	76,856.68	0.00
FLAGS		0.00	0.00
POLICE	60.00	115.00	0.00
SALE OF MUN ASSETS		0.00	0.00
RECYCLING		0.00	0.00
MAR LICENSE		38.00	0.00
LEA		209.95	0.00
MrNA - Off Duty		454.72	0.00
Due to Capital - FEMA		0.00	0.00
MOTOR VEHICLE FINES		0.00	0.00
OPRA		36.00	0.00
			0.00
INTERFUND		0.00	0.00
INVESTMENT		0.00	0.00
RESERVE FOR DEBT SERVICE		0.00	0.00
RESERVE		0.00	0.00
SPECIAL EMERGENCY NOTE		0.00	0.00
TOTAL REVENUE	1,378,139.86	6,717,673.69	0.00

BOROUGH OF MANTOLOKING
 CAPITAL IMPROVEMENTS
 AS OF JULY 30, 2020

ORD # ORD NAME	BALANCE AS OF 1/1/2019	2014 AUTH/ CANCELLED	ENCUMBERED	PAID TO DATE	BALANCE	BAL FUNDED	BAL UNFUNDED
#518 FLAP VALVE	66.73	0.00	0.00	0.00	66.73	66.73	0.00
#534 BORO GARAGE	48,347.90	0.00	0.00	10,830.87	37,517.03	37,517.03	0.00
#551 SANITARY FORCE MAI	12,462.94	0.00	0.00	0.00	12,462.94	12,462.94	0.00
#566 SOLAR PANELS	0.20	0.00	0.00	0.00	0.20	0.20	0.00
#569 SANITARY SEWERS	54,671.12	0.00	0.00	0.00	54,671.12	54,671.12	0.00
#581 BERGEN LAGOON LAN	444.86	0.00	0.00	0.00	444.86	444.86	0.00
#582 SANITARY FORCE MAI	190.33	0.00	190.33	0.00	0.00	0.00	0.00
#583 STORM SEWER INSPEC	4,778.18	0.00	0.00	0.00	4,778.18	4,778.18	0.00
#585 FLAP VALVE PROGRAI	0.00	0.00	0.00	0.00	0.00	0.00	0.00
#586 BERGEN CHANNEL	553.75	0.00	0.00	0.00	553.75	553.75	0.00
#595 OLD BRIDGE/BAY AVE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
#597 FIREHOUSE APRON	0.45	0.00	0.00	0.00	0.45	0.45	0.00
#598 BTMUA IMPROVEMEN	546.58	0.00	0.00	0.00	546.58	546.58	0.00
#599 FLAP VALVE PROGRAI	0.75	0.00	0.00	0.00	0.75	0.75	0.00
#600 ADA WALKWAY#4	0.65	0.00	0.00	0.00	0.65	0.65	0.00
#601 E.M. RADIOS	1,490.10	0.00	0.00	0.00	1,490.10	1,490.10	0.00

BOROUGH OF MANTOLOKING
 CAPITAL IMPROVEMENTS
 AS OF JULY 30, 2020

ORD # ORD NAME	BALANCE AS OF 1/1/2019	2014 AUTH/ CANCELLED	ENCUMBERED	PAID TO DATE	BALANCE	BAL FUNDED	BAL UNFUNDED
#607 OLD BRIDGE/BAY AVE	755.09	0.00	0.00	0.00	755.09	755.09	0.00
#608 REPLACE FIREHOUSE]	758.34	0.00	0.00	0.00	758.34	758.34	0.00
#609 POLICE CAMERAS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
#610 BAY AVE DRAINAGE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
#611 WALKWAY #4	0.94	0.00	0.00	0.00	0.94	0.94	0.00
#612 LYMAN ST WALKWAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00
#626 HERBERT ST PUMP ST.	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	50,898.22	0.00
#634 STREET SWEEPER	0.00	0.00	0.00	0.00	0.00	0.00	0.00
#639 ROADS & SIDEWALK IMPROVEMENTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
#640 PRELIMINARY EXPENS MUNICIPAL BLDG	10,429.37	0.00	0.00		10,429.37	10,429.37	0.00
#643 POLICE SPORTS UTILITIES VEHICLES	0.00	0.00	0.00	0.00	0.00	0.00	0.00
#644 VARIOUS CAPITAL IMPROVEMENTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
#654 BEACH PROTECTION	31,112.59	0.00	0.00	0.00	31,112.59	31,112.59	0.00

BOROUGH OF MANTOLOKING
 CAPITAL IMPROVEMENTS
 AS OF JULY 30, 2020

ORD #	BALANCE AS OF	2014 AUTH/		PAID TO		BAL	BAL
ORD NAME	1/1/2019	CANCELLED	ENCUMBERED	DATE	BALANCE	FUNDED	UNFUNDED
#655							
CONSTR. MUNI BLDG	890,832.45	0.00	130,940.51	171,910.92	587,981.02	160,693.02	427,288.00
#659 BEACH REPLEN.	68,348.70	0.00	0.00	0.00	68,348.70	68,348.70	
#658							
VARIOUS CAP IMPROV	28,729.72	0.00	1,242.82	0.00	27,486.90	27,486.90	
#698	128,000.00	0.00	0.00	126,865.72	1,134.28	1,134.28	
TOTAL	1,542,999.85	0.00	132,373.66	309,607.51	1,101,018.68	464,150.79	636,867.89

BOROUGH OF MANTOLOKING

2019 RESERVE YEAR APPROPRIATIONS

FOR THE MONTH OF : JULY 31, 2020

<u>APPROP TITLE</u>	<u>2019 RESERVE BUDGET</u>	<u>EXPENDED YEAR TO DATE</u>	<u>ENCUMBERED</u>	<u>BALANCE</u>
MUNICIPAL CLERK				
SALARY & WAGES	2,399.80	2,289.80	0.00	110.00
OTHER EXPENSES	12,823.24	-10,921.55	0.00	1,901.69
FINANCE				
SALARY & WAGES	15,503.83	14,829.90	0.00	673.93
OTHER EXPENSES	28,363.95	5,130.50	750.00	22,483.45
AUDITING				
OTHER EXPENSES	4,600.00	0.00	0.00	4,600.00
TAX COLLECTOR				
SALARY & WAGES	0.00	0.00	0.00	0.00
OTHER EXPENSES	1,558.67	1,500.00	0.00	58.67
TAX ASSESSOR				
SALARY & WAGES	49.96	-167.00	0.00	216.96
OTHER EXPENSES	1,971.15	1,500.00	0.00	471.15
LEGAL				
OTHER EXPENSES	115,429.89	39,771.74	0.00	75,658.15
LEGAL OE OUTSIDE CAP:	0.00	0.00	0.00	0.00
ENGINEERING				
OTHER EXPENSES	51,658.35	31,271.09	0.00	20,387.26
PLANNING				
SALARY & WAGES	492.99	-1,530.00	0.00	2,022.99
OTHER EXPENSES	22,673.63	1,007.08	0.00	21,666.55
CONSTRUCTION				
SALARY & WAGES	4,684.38	1,970.00	0.00	2,714.38
OTHER EXPENSES	5,724.04	3,500.00	0.00	2,224.04
PLUMBING SUB-CODE				
SALARY & WAGES	1,500.00	0.00	0.00	1,500.00

BOROUGH OF MANTOLOKING

2019 RESERVE YEAR APPROPRIATIONS

FOR THE MONTH OF : JULY 31, 2020

<u>APPROP TITLE</u>	<u>2019 RESERVE BUDGET</u>	<u>EXPENDED YEAR TO DATE</u>	<u>ENCUMBERED</u>	<u>BALANCE</u>
PLUMBING SUB-CODE				
SALARY & WAGE O/S	0.00	0.00	0.00	0.00
OTHER EXPENSES	0.00	0.00	0.00	0.00
FIRE SUB-CODE				
SALARY & WAGES	2,333.82	0.00	0.00	2,333.82
SALARY & WAGE O/S	0.00	0.00	0.00	0.00
OTHER EXPENSES	0.00	0.00	0.00	0.00
ELECTRICAL SUB-CODE				
SALARY & WAGES	1,613.75	0.00	0.00	1,613.75
SALARY & WAGES O/S	0.00	0.00	0.00	0.00
LIABILITY INS				
OTHER EXPENSES	9,271.10	5,100.00	0.00	4,171.10
WORKMENS COMP				
OTHER EXPENSES	959.00	0.00	0.00	959.00
GROUP HEALTH				
OTHER EXPENSES	13,939.95	0.00	0.00	13,939.95
O/S CAP	0.00	0.00	0.00	0.00
GROUP HLTH WAIVERS	0.00	0.00	0.00	0.00
POLICE				
SALARY & WAGES	88,644.58	18,896.49	0.00	69,748.09
OTHER EXPENSES	6,954.88	4,111.59	0.00	2,843.29
EMERG MNGMT				
SALARY & WAGE	0.00	0.00	0.00	0.00
EMERG MNGMT				
OTHER EXPENSES	1,498.57	490.00	0.00	1,008.57
FIRST AID				
OTHER EXPENSES	0.00	0.00	0.00	0.00
FIRE				

BOROUGH OF MANTOLOKING

2019 RESERVE YEAR APPROPRIATIONS

FOR THE MONTH OF : JULY 31, 2020

<u>APPROP TITLE</u>	<u>2019 RESERVE BUDGET</u>	<u>EXPENDED YEAR TO DATE</u>	<u>ENCUMBERED</u>	<u>BALANCE</u>
OTHER EXPENSES	13,000.00	13,000.00	0.00	0.00
UNIFORM FIRE SAFETY				
SALARY & WAGES	330.08	0.00	0.00	330.08
MUNICIPAL PROSECUTOR				
OTHER EXPENSES	0.00	0.00	0.00	0.00
ROAD REPAIR				
SALARY & WAGES	18,221.58	16,335.05	0.00	1,886.53
OTHER EXPENSES	30,059.92	9,918.32	0.00	20,141.60
O/S CAPS	0.00	0.00	0.00	0.00
GARBAGE				
OTHER EXPENSES	324.71	0.00	0.00	324.71
RECYCLING				
OTHER EXPENSES	0.00	0.00	0.00	0.00
BLDGS & GROUNDS				
OTHER EXPENSES	16,255.33	4,680.00	0.00	11,575.33
OTHER EXP O/S CAP	0.00	0.00	0.00	0.00
SEWER				
OTHER EXPENSES	9,649.74	0.00	0.00	9,649.74
BOARD OF HLTH				
SALARY & WAGES	0.00	0.00	0.00	0.00
DOG ACCOUNT				
OTHER EXPENSE	71.00	0.00	0.00	71.00
SICK LEAVE				
OTHER EXPENSES	35,000.00	35,000.00	0.00	0.00
AID TO POINT HOSP				
OTHER EXPENSES	0.00	0.00	0.00	0.00
ADMIN OF BEACH ACCESS				
SALARY & WAGES	2,553.69	0.00	0.00	2,553.69

BOROUGH OF MANTOLOKING

2019 RESERVE YEAR APPROPRIATIONS

FOR THE MONTH OF : JULY 31, 2020

<u>APPROP TITLE</u>	<u>2019 RESERVE BUDGET</u>	<u>EXPENDED YEAR TO DATE</u>	<u>ENCUMBERED</u>	<u>BALANCE</u>
OTHER EXPENSES	42,281.11	29,771.85	0.00	12,509.26
BEACH MAINTENANCE				
OTHER EXPENSES	28,592.90	9,229.17	0.00	19,363.73
BEACH MAINT-O/CAP				
OTHER EXPENSES	0.00	0.00	0.00	0.00
PUBLIC EVENTS	0.00	0.00	0.00	0.00
UTILITIES:				
ELECTRIC	1,776.46	-398.02	0.00	2,174.48
TELEPHONE	872.51	268.89	0.00	603.62
WATER	1,635.56	0.00	0.00	1,635.56
FIRE HYDRANT	339.07	0.00	0.00	339.07
NATURAL GAS	4,386.12	928.10	0.00	3,458.02
GASOLINE	13,664.13	6,499.30	0.00	7,164.83
GASOLINE O/S CAP	0.00	0.00	0.00	0.00
OC UTILITY AUTH	8,830.00	8,260.88	0.00	569.12
OTHER EXPENSES	0.00	0.00	0.00	0.00
DCRP	7,965.39	585.57	0.00	7,379.82
PERS	3,187.50	0.00	0.00	3,187.50
SOCIAL SECURITY	5,344.17	5,227.82	0.00	116.35
PFRS	1,110.00		0.00	1,110.00
JUDGEMENTS	0.00	0.00	0.00	0.00
GRANTS:				
ALCH REHAB	0.00	0.00	0.00	0.00
BODY ARMOR	0.00	0.00	0.00	0.00
RECYCLING TONNAGE	0.00	0.00	0.00	0.00
DRUNK DRIVING	9,977.84	0.00	0.00	9,977.84
CLEAN COMMUNITIES	0.00	0.00	0.00	0.00
FEMA-BEACH PUSH GRA	0.00	0.00	0.00	0.00
CLICK IT OR TICKET	0.00	0.00	0.00	0.00

BOROUGH OF MANTOLOKING

2019 RESERVE YEAR APPROPRIATIONS

FOR THE MONTH OF : JULY 31, 2020

<u>APPROP TITLE</u>	<u>2019 RESERVE BUDGET</u>	<u>EXPENDED YEAR TO DATE</u>	<u>ENCUMBERED</u>	<u>BALANCE</u>
MUNICIPAL COURT				
SALARY & WAGES	1,480.00	1,214.00	0.00	266.00
OTHER EXPENSES	3,706.48	1,650.00	0.00	2,056.48
PUBLIC DEFENDER				
OTHER EXPENSES	1,000.00	900.00	0.00	100.00
CIF- POLICE SUV				
OTHER EXPENSES	0.00	0.00	0.00	0.00
CIF- BOROUGH WEBSITE				
OTHER EXPENSES	0.00	0.00	0.00	0.00
CIF- FINGERPRINT				
OTHER EXPENSES	0.00	0.00	0.00	0.00
CIF- BEACH EQUIPMENT				
OTHER EXPENSES	6.64	0.00	0.00	6.64
DEBT SERVICE:				
NOTE PRINCIPAL	0.00	0.00	0.00	0.00
NOTE INTEREST	0.00	0.00	0.00	0.00
BOND INTEREST	0.00	0.00	0.00	0.00
SPECIAL EMERGENCY	0.00	0.00	0.00	0.00
RESERVE FOR UNCOLLECTED TAX	0.00	0.00	0.00	0.00
GRAND TOTAL	656,271.46	283,663.67	750.00	371,857.79

BOROUGH OF MANTOLOKING
 CAPITAL IMPROVEMENTS
 AS OF JULY 30, 2020

ORD # ORD NAME	BALANCE AS OF 1/1/2019	2014 AUTH/ CANCELLED	ENCUMBERED	PAID TO DATE	BALANCE	BAL FUNDED	BAL UNFUNDED
#518 FLAP VALVE	66.73	0.00	0.00	0.00	66.73	66.73	0.00
#534 BORO GARAGE	48,347.90	0.00	0.00	10,830.87	37,517.03	37,517.03	0.00
#551 SANITARY FORCE MAI	12,462.94	0.00	0.00	0.00	12,462.94	12,462.94	0.00
#566 SOLAR PANELS	0.20	0.00	0.00	0.00	0.20	0.20	0.00
#569 SANITARY SEWERS	54,671.12	0.00	0.00	0.00	54,671.12	54,671.12	0.00
#581 BERGEN LAGOON LAN	444.86	0.00	0.00	0.00	444.86	444.86	0.00
#582 SANITARY FORCE MAI	190.33	0.00	190.33	0.00	0.00	0.00	0.00
#583 STORM SEWER INSPEC	4,778.18	0.00	0.00	0.00	4,778.18	4,778.18	0.00
#585 FLAP VALVE PROGRAI	0.00	0.00	0.00	0.00	0.00	0.00	0.00
#586 BERGEN CHANNEL	553.75	0.00	0.00	0.00	553.75	553.75	0.00
#595 OLD BRIDGE/BAY AVE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
#597 FIREHOUSE APRON	0.45	0.00	0.00	0.00	0.45	0.45	0.00
#598 BTMUA IMPROVEMEN	546.58	0.00	0.00	0.00	546.58	546.58	0.00
#599 FLAP VALVE PROGRAI	0.75	0.00	0.00	0.00	0.75	0.75	0.00
#600 ADA WALKWAY#4	0.65	0.00	0.00	0.00	0.65	0.65	0.00
#601 E.M. RADIOS	1,490.10	0.00	0.00	0.00	1,490.10	1,490.10	0.00

BOROUGH OF MANTOLOKING
 CAPITAL IMPROVEMENTS
 AS OF JULY 30, 2020

ORD # ORD NAME	BALANCE AS OF 1/1/2019	2014 AUTH/ CANCELLED	ENCUMBERED	PAID TO DATE	BALANCE	BAL FUNDED	BAL UNFUNDED
#607 OLD BRIDGE/BAY AVE	755.09	0.00	0.00	0.00	755.09	755.09	0.00
#608 REPLACE FIREHOUSE	758.34	0.00	0.00	0.00	758.34	758.34	0.00
#609 POLICE CAMERAS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
#610 BAY AVE DRAINAGE	0.00	0.00	0.00	0.00	0.00	0.00	0.00
#611 WALKWAY #4	0.94	0.00	0.00	0.00	0.94	0.94	0.00
#612 LYMAN ST WALKWAY	0.00	0.00	0.00	0.00	0.00	0.00	0.00
#626 HERBERT ST PUMP ST.	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	50,898.22	0.00
#634 STREET SWEEPER	0.00	0.00	0.00	0.00	0.00	0.00	0.00
#639 ROADS & SIDEWALK IMPROVEMENTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
#640 PRELIMINARY EXPENSE MUNICIPAL BLDG	10,429.37	0.00	0.00		10,429.37	10,429.37	0.00
#643 POLICE SPORTS UTILITIES VEHICLES	0.00	0.00	0.00	0.00	0.00	0.00	0.00
#644 VARIOUS CAPITAL IMPROVEMENTS	0.00	0.00	0.00	0.00	0.00	0.00	0.00
#654 BEACH PROTECTION	31,112.59	0.00	0.00	0.00	31,112.59	31,112.59	0.00

BOROUGH OF MANTOLOKING
 CAPITAL IMPROVEMENTS
 AS OF JULY 30, 2020

ORD #	BALANCE AS OF	2014 AUTH/		PAID TO		BAL	BAL
ORD NAME	1/1/2019	CANCELLED	ENCUMBERED	DATE	BALANCE	FUNDED	UNFUNDED
#655							
CONSTR. MUNI BLDG	890,832.45	0.00	130,940.51	171,910.92	587,981.02	160,693.02	427,288.00
#659 BEACH REPLEN.	68,348.70	0.00	0.00	0.00	68,348.70	68,348.70	
#658							
VARIOUS CAP IMPROV	28,729.72	0.00	1,242.82	0.00	27,486.90	27,486.90	
#698	128,000.00	0.00	0.00	126,865.72	1,134.28	1,134.28	
TOTAL	1,542,999.85	0.00	132,373.66	309,607.51	1,101,018.68	464,150.79	636,867.89

BOROUGH OF MANTOLOKING

2020 CURRENT YEAR APPROPRIATIONS

AS OF JULY 31, 2020

<u>APPROP TITLE</u>	<u>2020 ADOPTED BUDGET</u>	<u>EXPENDED</u>	<u>ENCUMBERED</u>	<u>BALANCE</u>	<u>% EXPEND</u>
MUNICIPAL CLERK					
SALARY & WAGES	167,723.00	97,180.20	0.00	70,542.80	0.58
OTHER EXPENSES	90,012.00	35,580.60	3,798.35	50,633.05	0.44
FINANCE					
SALARY & WAGES	153,365.00	86,546.18	0.00	66,818.82	0.56
OTHER EXPENSES	45,700.00	20,706.97	265.90	24,727.13	0.46
AUDITING					
OTHER EXPENSES	29,500.00	10,600.00	0.00	18,900.00	0.36
TAX COLLECTOR					
SALARY & WAGES	3,150.00	1,837.50	0.00	1,312.50	0.00
OTHER EXPENSES	2,500.00	0.00	0.00	2,500.00	0.00
TAX ASSESSOR					
SALARY & WAGES	20,100.00	11,705.12	0.00	8,394.88	0.58
OTHER EXPENSES	4,000.00	131.87	0.00	3,868.13	0.03
LEGAL					
OTHER EXPENSES (Note 1)	182,500.00	94,061.75	0.00	88,438.25	0.52
OE-OUTSIDE CAPS	0.00	0.00	0.00	0.00	0.00
ENGINEERING					
OTHER EXPENSES	164,000.00	60,014.80	0.00	103,985.20	0.37
PLANNING					
SALARY & WAGES	20,610.00	12,013.59	0.00	8,596.41	0.58
OTHER EXPENSES	31,500.00	11,301.29	2,697.08	17,501.63	0.44
SW-OUTSIDE CAPS	0.00	0.00	0.00	0.00	0.00
CONSTRUCTION					
SALARY & WAGES	128,372.00	64,061.18	0.00	64,310.82	0.50
OTHER EXPENSES	15,000.00	5,242.76	30.35	9,726.89	0.35
PLUMBING SUB-CODE					
SALARY & WAGES	9,009.00	5,255.32	0.00	3,753.68	0.58
S&W-OUTSIDE CAPS	0.00	0.00	0.00	0.00	0.00

BOROUGH OF MANTOLOKING

2020 CURRENT YEAR APPROPRIATIONS

AS OF JULY 31, 2020

<u>APPROP TITLE</u>	<u>2020 ADOPTED BUDGET</u>	<u>EXPENDED</u>	<u>ENCUMBERED</u>	<u>BALANCE</u>	<u>% EXPEND</u>
FIRE SUB-CODE					
SALARY & WAGES	9,200.00	3,140.48	0.00	6,059.52	0.34
S&W-OUTSIDE CAPS	0.00	0.00	0.00	0.00	0.00
ELECTRICAL SUB-CODE					
SALARY & WAGES	9,009.00	5,255.32	0.00	3,753.68	0.58
S&W-OUTSIDE CAPS	0.00	0.00	0.00	0.00	0.00
LIABILITY INS					
OTHER EXPENSES	127,825.00	117,823.79	0.00	10,001.21	0.92
WORKMENS COMP					
OTHER EXPENSES	74,827.00	74,827.00	0.00	0.00	1.00
GROUP HEALTH					
OTHER EXPENSES	287,010.00	154,541.62	1,809.27	130,659.11	0.54
OUTSIDE CAPS	0.00	0.00	0.00	0.00	0.00
HEALTH WAIVERS	10,000.00	0.00	0.00	10,000.00	0.00
POLICE					
SALARY & WAGES	1,238,743.00	685,884.17	0.00	552,858.83	0.55
OTHER EXPENSES	126,400.00	68,320.38	11,186.51	46,893.11	0.63
EMERG MNGMT					
SALARY & WAGES	5,000.00	1,512.50	0.00	3,487.50	0.00
OTHER EXPENSES	9,480.00	3,625.39	472.35	5,382.26	0.43
FIRST AID					
OTHER EXPENSES	5,000.00	0.00	0.00	5,000.00	0.00
FIRE					
OTHER EXPENSES	26,000.00	0.00	0.00	26,000.00	0.00
UNIFORM FIRE SAFETY					
SALARY & WAGES	4,992.00	2,468.62	0.00	2,523.38	0.49
MUNICIPAL PROSECUTOR					
OTHER EXPENSES	7,500.00	3,125.00	625.00	3,750.00	0.50
ROAD REPAIR					
SALARY & WAGES	238,643.00	121,331.63	0.00	117,311.37	0.51
OTHER EXPENSES	45,000.00	11,852.68	0.00	33,147.32	0.26

BOROUGH OF MANTOLOKING

2020 CURRENT YEAR APPROPRIATIONS

AS OF JULY 31, 2020

<u>APPROP TITLE</u>	<u>2020 ADOPTED BUDGET</u>	<u>EXPENDED</u>	<u>ENCUMBERED</u>	<u>BALANCE</u>	<u>% EXPEND</u>
GARBAGE					
OTHER EXPENSES	160,000.00	83,448.19	0.00	76,551.81	0.52
BLDGS & GROUNDS					
OTHER EXPENSES	60,250.00	14,970.30	3,529.17	41,750.53	0.31
OE-OUTSIDE	0.00	0.00	0.00	0.00	0.00
SEWER					
OTHER EXPENSES	17,500.00	16,680.04	123.96	696.00	0.96
BOARD OF HLTH					
SALARY & WAGES	0.00	0.00	0.00	0.00	#DIV/0!
DOG ACCOUNT					
OTHER EXPENSES	4,250.00	2,100.00	339.00	1,811.00	0.57
MUNICIPAL ALLIANCE					
OTHER EXPENSES	0.00	0.00	0.00	0.00	0.00
AID TO POINT HOSP					
OTHER EXPENSES	0.00	0.00	0.00	0.00	0.00
ADMIN OF BEACH ACCESS					
SALARY & WAGES	215,375.00	86,130.90	0.00	129,244.10	0.00
OTHER EXPENSES Note 2	24,252.00	17,169.59	3,831.58	3,250.83	0.87
BEACH MAINTENANCE					
OTHER EXPENSES	122,000.00	30,783.42	0.00	91,216.58	0.25
BEACH MAINT-O/CAP					
OTHER EXPENSES	14,000.00	0.00	0.00	14,000.00	0.00
UTILITIES:					
ELECTRIC	47,000.00	19,959.58	0.00	27,040.42	0.42
TELEPHONE	31,500.00	18,484.13	0.00	13,015.87	0.59
WATER	5,500.00	2,442.50	0.00	3,057.50	0.44
FIRE HYDRANT	35,000.00	15,456.00	0.00	19,544.00	0.44
NATURAL GAS	17,500.00	7,700.33	0.00	9,799.67	0.44
GASOLINE	35,000.00	9,326.19	0.00	25,673.81	0.27
GASOLINE-OUTSIDE CAPS	0.00	0.00	0.00	0.00	0.00

BOROUGH OF MANTOLOKING**2020 CURRENT YEAR APPROPRIATIONS****AS OF JULY 31, 2020**

<u>APPROP TITLE</u>	<u>2020 ADOPTED BUDGET</u>	<u>EXPENDED</u>	<u>ENCUMBERED</u>	<u>BALANCE</u>	<u>% EXPEND</u>
OC UTILITY AUTH OTHER EXPENSES	149,100.00	90,877.50	0.00	58,222.50	0.61
SICK LEAVE TRUST	0.00	0.00	0.00	0.00	0.00
PERS	72,846.00	70,846.00	0.00	2,000.00	0.97
SOCIAL SECURITY	99,500.00	53,314.81	0.00	46,185.19	0.54
PFRS	258,078.00	256,078.00	0.00	2,000.00	0.99
DCRP	10,000.00	1,333.79	0.00	8,666.21	0.13
UNEMPLOYMENT INSURANC	0.00	0.00	0.00	0.00	0.00
GRANTS:					
BODY ARMOR	1,319.00	1,319.00	0.00	0.00	0.00
RECYCLING TONNAGE	608.00	608.00	0.00	0.00	0.00
DRUNK DRIVING	0.00	0.00	0.00	0.00	0.00
CLEAN COMMUNITIES	8,000.00	8,000.00	0.00	0.00	0.00
SUSTAINABLE NEW JERSEY	1,096.80	1,096.80	0.00	0.00	0.00
ALC REHAB	482.00	482.00	0.00	0.00	0.00
CLICK IT OR TICKET	0.00	0.00	0.00	0.00	0.00
2015 PEDESTRIAN SAFETY	0.00	0.00	0.00	0.00	0.00
DRIVE SOBER	0.00	0.00	0.00	0.00	0.00
NJ DOT TRUST	0.00	0.00	0.00	0.00	0.00
POLICE VEST GRANT	0.00	0.00	0.00	0.00	0.00
MUNICIPAL COURT					
SALARY & WAGES	46,137.00	25,363.32	0.00	20,773.68	0.55
OTHER EXPENSES	3,660.00	110.50	249.00	3,300.50	0.10
PUBLIC DEFENDER					
OTHER EXPENSES	1,000.00	600.00	0.00	400.00	0.60
CAPITAL IMPROVEMENT					
CAPITAL IMPR FUND	100.00	100.00	0.00	0.00	0.00
CIF-POLICE SUV	0.00	0.00	0.00	0.00	0.00
CIF-BEACH EQUIPMENT	0.00	0.00	0.00	0.00	0.00
CIF-POLICE ATV	0.00	0.00	0.00	0.00	0.00
CIF-BOROUGH WEBSITE	10,000.00	0.00	10,000.00	0.00	0.00
CIF-AUDIO VISUAL EQUIPMENT	0.00	0.00	0.00	0.00	0.00
CORONAVIRUS COST- ST EMERC	30,000.00	6,582.20	1,307.49	22,110.31	0.00

BOROUGH OF MANTOLOKING

2020 CURRENT YEAR APPROPRIATIONS

AS OF JULY 31, 2020

<u>APPROP TITLE</u>	<u>2020 ADOPTED BUDGET</u>	<u>EXPENDED</u>	<u>ENCUMBERED</u>	<u>BALANCE</u>	<u>% EXPEND</u>
JUDGMENTS	40,000.00	21,159.06	0.00	18,840.94	0.00
DEBT SERVICE:					
BOND INTEREST	157,800.00	80,400.00	0.00	77,400.00	0.51
BOND PRINCIPAL	200,000.00	200,000.00	0.00	0.00	1.00
NOTE PRINCIPAL	0.00	0.00	0.00	0.00	0.00
NOTE INTEREST	0.00	0.00	0.00	0.00	0.00
DEFERRED CHARGES					
ORD 607	0.00	0.00	0.00	0.00	0.00
ORD 610	0.00	0.00	0.00	0.00	0.00
ORD 626	0.00	0.00	0.00	0.00	0.00
ORD 608	0.00	0.00	0.00	0.00	0.00
ORD 598			0.00	0.00	0.00
ORD 601			0.00	0.00	0.00
SPECIAL EMERGENCY I/S CAPS	59,561.00	59,561.00	0.00	0.00	0.00
SPECIAL EMERGENCY O/S CAPS	130,439.00	130,439.00	0.00	0.00	0.00
					0.00
5 YEAR EMERGENCY	0.00	0.00	0.00	0.00	0.00
RESERVE FOR UNCOLLECTED TAX	302,428.00	302,428.00	0.00	0.00	0.00
GRAND TOTAL	5,662,951.80	3,405,297.86	40,265.01	2,217,388.93	0.61

**BOROUGH OF MANTOLOKING
BILL LIST
SEPTEMBER 15, 2020**

INVOICES PAID THROUGH THE MEETING

	<u>AMOUNT</u>
2019 CURRENT FUND RESERVE	0.00
2020 CURRENT FUND	80,183.89
ANIMAL CONTROL ACCOUNT	2.40
PAYROLL ACCOUNT	11,282.49
GENERAL CAPITAL	8,188.82
TRUST OTHER	0.00
UNEMPLOYMENT TRUST	0.00
DEVELOPERS TRUST	0.00
INSURANCE PROCEEDS-CURRENT FUND REVENUE	0.00
TOTAL ALL FUNDS	<u>99,657.60</u>

MANUAL CHECKS

<u>VENDOR</u>	<u>DATE</u>	<u>CK#</u>	<u>AMOUNT</u>
CURRENT FUND - APPLE OFFICE FURNITURE	8/20/2020	31879	1,590.00
CURRENT FUND - COMCAST- XFINITY	8/20/2020	31880	99.62
CURRENT FUND - GREAT AMERICAN LEASING CORP	8/20/2020	31881	144.00
CURRENT FUND - JCP&L	8/20/2020	31882	2,920.76
CURRENT FUND - JCP&L STREET LIGHTING	8/20/2020	31883	733.57
CURRENT FUND - JOHNNY ON THE SPOT LLC DBA	8/20/2020	31884	1,564.98
CURRENT FUND - LOWES LAR ACCOUNT	8/20/2020	31885	500.16
CURRENT FUND - NJ NATURAL GAS CO	8/20/2020	31886	457.42
CURRENT FUND - WINDSTREAM COMMUNICATIONS, LL	8/20/2020	31887	825.90
CURRENT FUND - COMCAST- XFINITY	8/31/2020	31888	586.52
CURRENT FUND - JCP&L MASTER BILL ACCOUNT	8/31/2020	31889	282.24
CURRENT FUND - VERIZON	8/31/2020	31890	154.63
CURRENT FUND - VERIZON WIRELESS	8/31/2020	31891	424.89
CURRENT FUND - PRUDENTIAL RETIREMENT	8/31/2020	31892	569.48
PAYROLL FUND - PRUDENTIAL RETIREMENT	8/31/2020	2401	773.44
PAYROLL FUND - PAYROLL AUGUST 30, 2020	8/30/2020	WIRE	125,001.73
TOTAL			<u>136,629.34</u>
GRAND TOTAL			<u>236,286.94</u>

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
20-00157	02/25/20	w0053	WAGE WORKS	HEALTCARE BENEFIT: 2020	Open	100.00	0.00 B
20-00376	05/06/20	G0087	GALLS LLC	POLICE UNIFORMS	Open	26.71	0.00 B
20-00481	06/08/20	L0017	LONG'S AIR CONDITIONING	SUPPLY & INSTALL FIJITSU SYS	Open	5,800.00	0.00
20-00520	06/18/20	M0157	MOLOUGHNEY ARTHUR T/A	UTT POLICE/COURT TICKET BOOKS	Open	787.24	0.00
20-00550	06/29/20	M0155	MARINE RESCUE PRODUCTS INC	BATHING SUIT FOR LIFEGUARD	Open	41.00	0.00
20-00554	07/01/20	C0117	CEUnion	GREEN PURCHASING WEBINAR	Open	95.00	0.00
20-00571	07/08/20	E0054	EDC ELECTRIC T/A ELETRICAL	ELECTRIC FOR HANDICAP DOOR	Open	1,146.00	0.00
20-00600	07/20/20	F0023	FERGUSON ENTERPRISES, INC.	SUPPLIES	Open	57.99	0.00
20-00603	07/21/20	M0084	MPH INDUSTRIES INC	EQUIPMENT FOR POLICE SUV	Open	1,744.00	0.00
20-00629	07/24/20	V0022	KLBL INC	OIL FILTERS FOR BEACH BUGGIES	Open	30.69	0.00
20-00633	07/29/20	B0102	BLAZING VISUALS SIGN SHOP T/A	RECYCLE STICKERS	Open	326.54	0.00
20-00636	08/05/20	w0059	WB MASON	AUGUST SUPPLIES 2020	Open	134.10	0.00
20-00637	08/05/20	w0059	WB MASON	CONSTRUCTION RESUPPLIES	Open	577.08	0.00
20-00638	08/05/20	S0050	STAPLES ADVANTAGE	CONSTRUCTION SUPPLIES	Open	42.56	0.00
20-00642	08/07/20	S0130	SCHULER ROOFING & SIDING, INC.	ROOK SHINGLES	Open	1,500.00	0.00
20-00643	08/07/20	L0030	LOWES LAR ACCOUNT	CEILING TITLES	Open	81.86	0.00
20-00644	08/10/20	X0003	XTREME MACHINES	MULE ATV MAINTENANCE	Open	233.99	0.00
20-00675	08/11/20	w0059	WB MASON	TAX ASSESSOR PRINTER	Open	99.99	0.00
20-00682	08/12/20	A0215	AMAZON.COM SERVICES, INC.	WEED WACKER PART	Open	22.05	0.00
20-00683	08/12/20	w0059	WB MASON	POLICE SUPPLIES AUGUST 2020	Open	120.87	0.00 B
20-00686	08/14/20	M0107	MONTENEGRO, THOMPSON,	MANTO PLANNING BOARD: MATTHEWS	Open	1,012.08	0.00
20-00687	08/14/20	V012	VAN WICKLE AUTO SUPPLY	BEACH ATV MAINTENANCE	Open	33.75	0.00
20-00688	08/14/20	A0217	ACTION UNIFORM COMPANY, LLC.	SLEO UNIFORMS	Open	252.00	0.00
20-00689	08/14/20	B0042	BOLLINGER, INC. - DENTAL	DENTAL PREMIUM SEPTEMBER 2020	Open	1,978.93	0.00
20-00690	08/14/20	C0133	CANON SOLUTIONS AMERICA, INC.	MONTHLY PRINTER AUGUST 2020	Open	795.83	0.00
20-00691	08/14/20	T0066	TAYLOR OIL COMPANY	GASOLINE REFILL FOR TANKER	Open	1,658.83	0.00
20-00695	08/17/20	w0028	WATCHUNG SPRING WATER	WATER DELIVERY 7/16-8/12/2020	Open	787.23	0.00
20-00700	08/17/20	B0102	BLAZING VISUALS SIGN SHOP T/A	COVID ITEMS	Open	802.94	0.00
20-00702	08/17/20	V012	VAN WICKLE AUTO SUPPLY	BEACH VEHICLE MAINTENANCE	Open	16.11	0.00
20-00704	08/18/20	B0012	BILLS WORK CLOTHING, INC	UNIFORMS FOR PUBLIC WORKS	Open	145.00	0.00
20-00707	08/19/20	O0057	OCEAN COUNTY POWERSPORTS	AIR FILTERS FOR BEACH VEHICLES	Open	129.96	0.00
20-00709	08/20/20	L0030	LOWES LAR ACCOUNT	TOOLS AND TOTES	Open	238.84	0.00
20-00710	08/20/20	C0002	COSTCO COMPANY	AUGUST SUPPLIES 2020	Open	180.02	0.00
20-00711	08/21/20	B0102	BLAZING VISUALS SIGN SHOP T/A	LETTERING FOR VEHICLE #1904	Open	50.00	0.00
20-00712	08/21/20	P0098	PAUL DAVIS RESTORATION M&O	SERVICE FOR CONSTRUCTION LEAK	Open	1,899.86	0.00
20-00715	08/21/20	A0037	ALLIED FIRE & SAFETY CO. INC.	KITCHEN SYSTEM INSPECTION	Open	173.40	0.00
20-00716	08/21/20	F0001	FEDERAL EXPRESS CORP	FEDEX EXPRESS SERVICES	Open	39.29	0.00
20-00718	08/21/20	M0129	MANCHESTER TOWNSHIP POLICE	POLICE RANGE SERVICES	Open	200.00	0.00
20-00722	08/21/20	B0102	BLAZING VISUALS SIGN SHOP T/A	BASKET BADGE PVC SIGN	Open	49.18	0.00
20-00724	08/24/20	B0102	BLAZING VISUALS SIGN SHOP T/A	BUSINESS CARDS - MCCROSSAN	Open	65.00	0.00
20-00725	08/24/20	w0059	WB MASON	AUGUST 2020 SUPPLIES	Open	53.63	0.00
20-00727	08/24/20	R0006	RUTGERS, THE STATE UNIVERSITY	TAX COLLECTION 3	Open	1,154.00	0.00
20-00730	08/24/20	R0058	REPUBLIC SERVICES, INC	RESIDENTIAL SERVICE 9/01-9/30	Open	14,572.17	0.00
20-00734	08/27/20	T0066	TAYLOR OIL COMPANY	GASOLINE REFILL FOR TANKER	Open	342.88	0.00
20-00737	08/27/20	P0099	PINELANDS NURSERY INC	SUSTAINABLE NJ- PLANT ORDER	Open	319.00	0.00
20-00738	08/27/20	P0100	PLANTRA INC.	SUSTAINABLE NJ - PLANT ORDER	Open	404.10	0.00
20-00739	08/27/20	A0037	ALLIED FIRE & SAFETY CO. INC.	SPRINKLER SYSTEM INSPECTION	Open	472.50	0.00
20-00740	08/27/20	S0123	SHORE STORAGE	STORAGE UNITS 2072 & 3009	Open	421.00	0.00
20-00741	08/27/20	A0053	AFLAC - CV190	AFLAC PREMIUMS AUGUST 2020	Open	423.41	0.00
20-00742	08/27/20	P0066	PETERSON, BONNIE	INVOICE FOR AUGUST 2020	Open	625.00	0.00

PO #	PO Date	Vendor	PO Description	Status	Amount	Void Amount	PO Type	
20-00744	08/28/20	A0215	AMAZON.COM SERVICES, INC.	CONFERENCE SPEAKER	Open	129.99	0.00	
20-00748	08/31/20	U0015	ULINE, INC	DOG BAGS	Open	185.07	0.00	
20-00749	08/31/20	C0118	COMCAST - XFINITY	POLICE INTERNET 08/28-9/27	Open	67.28	0.00	
20-00750	08/31/20	E0004	EDMUNDS & ASSOCIATES	2020-2021 TAX BILLS	Open	310.00	0.00	
20-00752	08/31/20	M0144	MUSKRAT JACK ANIMAL SERVICES	SEPTEMBER ANIMAL CONTROL 2020	Open	300.00	0.00	
20-00753	08/31/20	P0071	POINT PLEASANT BEACH	POINT PLEAS BOE SEPT-DEC 2020	Open	7,402.30	0.00 B	
20-00754	08/31/20	O0013	OSPREY TECHNOLOGY	WEBSITE MAINT: AUGUST 2020	Open	140.00	0.00	
20-00755	08/31/20	E0026	EQUITABLE	DEFF COMP AUGUST 2020	Open	200.00	0.00	
20-00756	08/31/20	M0001	MANTOLOKING CURRENT FUND	AUGUST DEN & MEN REIMBURSE	Open	10,659.08	0.00	
20-00757	08/31/20	J0052	JPMONZO, MUNICIPAL CONSULTING	WEBINAR ON MUNICIPAL MONEY	Open	50.00	0.00	
20-00758	08/31/20	E0012	EXECUTIVE COMPUTER SYS., INC.	POWER SUPPLY AND BATTERY	Open	176.95	0.00	
20-00759	08/31/20	B0114	B SAFE, INC.	SERVICE CALL/INSPECTIONS	Open	833.02	0.00	
20-00760	08/31/20	B0001	BEAVER DAM HARDWARE, INC	SUPPLIES & MATERIALS	Open	99.85	0.00	
20-00764	09/01/20	V012	VAN WICKLE AUTO SUPPLY	VEHICLE MAINTENANCE	Open	48.55	0.00	
20-00766	09/01/20	C0136	COROANTO LAW	MANTOLOKING PLANNING BOARD	Open	577.00	0.00	
20-00767	09/01/20	B0111	BARNEGAT BAY MARINA LLC	BOAT FUEL AUGUST 2020	Open	1,815.00	0.00	
20-00768	09/01/20	M0148	MOTT MacDONALD LLC	PROFESSIONAL SERVICES	Open	17,468.94	0.00	
20-00770	09/02/20	T0003	TIRE CRAFT, INC	VEHICLE MAINT: PD VEHICLES	Open	619.12	0.00	
20-00771	09/02/20	N0051	NJ DEPT OF HLTH & SR SERVICES	DOG LICENSE FEES 2/3 QTRS 2020	Open	2.40	0.00	
20-00772	09/02/20	R0060	ROTHSTEIN, MANDELL, STROHM	LEGAL SERVICE 08-2020	Open	13,135.00	0.00	
20-00773	09/02/20	M0157	MOLOUGHNEY ARTHUR T/A	LABELS FOR COURT TICKET BOOKS	Open	205.00	0.00	
20-00775	09/08/20	N0003	NEW JERSEY AMERICAN WATER CO	56 HYDRANTS AUG 2020	Open	2,576.00	0.00	
20-00776	09/08/20	N0003	NEW JERSEY AMERICAN WATER CO	WATER SERVICE AUG 2020	Open	391.43	0.00	
20-00777	09/08/20	A0199	AT&T	OEM LONG DISTANCE SEPT 2020	Open	2.01	0.00	
Total Purchase Orders:		74	Total P.O. Line Items:	0	Total List Amount:	99,657.60	Total Void Amount:	0.00

Totals by Year-Fund							
Fund Description	Fund	Budget Rcvd	Budget Held	Budget Total	Revenue Total	G/L Total	Total
CURRENT FUND	0-01	80,183.89	0.00	80,183.89	0.00	0.00	80,183.89
	0-12	2.40	0.00	2.40	0.00	0.00	2.40
	0-14	<u>11,282.49</u>	<u>0.00</u>	<u>11,282.49</u>	<u>0.00</u>	<u>0.00</u>	<u>11,282.49</u>
	Year Total:	91,468.78	0.00	91,468.78	0.00	0.00	91,468.78
GENERAL CAPITAL I	C-04	8,188.82	0.00	8,188.82	0.00	0.00	8,188.82
Total of All Funds:		<u>99,657.60</u>	<u>0.00</u>	<u>99,657.60</u>	<u>0.00</u>	<u>0.00</u>	<u>99,657.60</u>

OFFICE OF CONSTRUCTION OFFICIAL

Construction Permit Activity Report

RANGE: 08/01/2020 To 08/31/2020

September 04, 2020 3:40:26PM

SUMMARY

CONSTRUCTION COSTS

COUNT

Cost Of Construction:	\$10,250.00	Cubic Footage:	0 Cu.ft	Permit Issued:	9
Cost Of Alteration:	\$162,290.00	Square Footage:	0 Sq.ft	Updates Issued:	7
Cost Of Demolition:	\$0.00			All Fees Waived:	1
Total Cost:	\$172,540.00			Municipal Fees Waived:	0

PERMIT FEES

ADMIN FEES

WAIVED FEES

TOTAL FEES

Building:	\$4,335.00	Building:	\$0.00	Building:	\$0.00	Building Fees:	\$4,335.00
Electrical:	\$610.00	Electrical:	\$0.00	Electrical:	\$75.00	Electrical Fees:	\$535.00
Fire :	\$250.00	Fire :	\$0.00	Fire :	\$0.00	Fire Fees:	\$250.00
Plumbing:	\$715.00	Plumbing:	\$0.00	Plumbing:	\$0.00	Plumbing Fees:	\$715.00
Elevator:	\$0.00	Elevator:	\$0.00	Elevator:	\$0.00	Elevator Fees:	\$0.00
Mechanical:	\$0.00	Mechanical:	\$0.00	Mechanical:	\$0.00	Mechanical Fees:	\$0.00
				* Total Waived:	\$75.00	Technical Fees:	\$5,835.00

DCA

	Calculated Fees	Waived Fees	Collected Fees
Volume Training Fee:	\$0.00	\$0.00	\$0.00
Alteration Training Fee:	\$318.00	\$2.00	\$316.00
DCA Minimum Fee:	\$0.00	\$0.00	\$0.00
Sub total Training Fee:	\$318.00	\$2.00	\$316.00

TECHNICAL ISSUES

Building Technical:	7
Electrical Technical:	5
Fire Protection Technical:	3
Plumbing Technical:	9
Elevator Technical:	
Mechanical Technical:	

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

CERTIFICATE ISSUES

Certificate of Occupancy:	1
Certificate of Approval:	7
Certificate of Continued Occupancy:	0

PERMIT FEES:	\$5,835.00
FEES:	\$316.00
CERTIFICATE FEES:	\$0.00
MIN FEES:	\$0.00
NET TOTAL FEES:	\$6,151.00
PENALTIES COLLECTED:	\$0.00
CCO FEES:	\$0.00
OTHER FEES:	\$0.00
GRAND TOTAL FEES:	\$6,151.00

* By State law (see N.J.S. 52:27D-126c): \$75.00

* By Municipality (see N.J.S. 52:27D-126b): \$0.00

OFFICE OF CONSTRUCTION OFFICIAL

Permit Activity Report

Mantoloking

Range From 08/01/2020 To 08/31/2020

September 04, 2020 3:40:27PM

Permit #	Permit Date	Census	Control #	Updates	Description Of Work										AltFee	CoFee	Cubic Feet					
Block & Lot	Costs	Use Group	Bldg	Waived Fees	Elec	Fire	Plmb	Elev	Mech	AltFee	CoFee	Cubic Feet	Work Site	Eadm	Fadm	Padm	VAdm	MAdm	VolFee	CcoFee	Square Feet	
Owner Name	Minimum Fees	Btotl	Ftotl	Etotl	Ftotl	Ptotl	Vtotl	Mtotl	DCA Min.	TFTotl	CertTotl	Total Fee										
20130663	8/31/2020	434	7416	7	Deck																	
21 19		\$12,000.00	R-5	\$360.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$23.00	\$0.00	\$0.00	974 Barneget Lane	\$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	\$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	\$0.00	0.00
Susan Lucas		\$0.00		\$360.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$23.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$383.00
20190021	8/14/2020	101	7393	6	Deck																	
8 11		\$8,950.00	R-5	\$210.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$13.00	\$0.00	\$0.00	954 East Ave.	\$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	\$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	\$0.00	0.00
LaManna Building & Land Co Inc.		\$0.00		\$210.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$13.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$223.00
20190075	8/10/2020	101	7314	3	add canopy roof over garage																	
37 15		\$2,500.00	R-5	\$75.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	6 CARPENTER LANE	\$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	\$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	\$0.00	0.00
Owens, Walter & Regina		\$0.00		\$75.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$75.00
20190075	8/10/2020	101	7333	4	Smoke Detectors																	
37 15		\$5,000.00	R-5	\$0.00	\$75.00	\$100.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	6 CARPENTER LANE	\$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	\$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	\$0.00	0.00
Owens, Walter & Regina		\$0.00		\$0.00	\$75.00	\$100.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$175.00
20190098	8/5/2020	101	7403	6	Lawn Sprinkler																	
14 7.01		\$250.00	R-5	\$0.00	\$0.00	\$75.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	917 BARNEGAT LANE	\$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	\$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	\$0.00	0.00
PARKER, ROBERT & CHRISTINE		\$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	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$75.00
20200040	8/5/2020	434	7394	0	Alterations																	
11 1		\$9,000.00	R-5	\$270.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$18.00	\$0.00	\$0.00	906 EAST AVENUE	\$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	\$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	\$0.00	0.00
Nugent, John & Christine		\$0.00		\$270.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$18.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$288.00
20200041	8/10/2020	434	7395	0	Water and Sewer Disconnect																	
39 6		\$800.00	R-5	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2.00	\$0.00	\$0.00	1520 Runyon Lane	\$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	\$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	\$0.00	0.00
Robbins, Ronald		\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$77.00

Permit #	Permit Date	Census	Control #	Updates	Description Of Work	Elec	Fire	Plmb	Elev	Mech	AltFee	CoFee	Cubic Feet
Block & Lot	Costs	Use Group	Bldg	Waived Fees	Badm	Eadm	Fadm	Padm	VAdm	MAdm	VolFee	CcoFee	Square Feet
Owner Name	Minimum Fees	Btotl	Etotl	Ftotl	Ptotl	Vtotl	Mtotl	DCA Min.	TFtotl	CertTotl	Total Fee	All Fees Wvd.	
20200042	8/14/2020	434	7406	0	Alterations	\$0.00	\$75.00	\$0.00	\$0.00	\$0.00	\$2.00	\$0.00	0.00
27 20		\$1,000.00	B	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00
202 DOWNER AVENUE													
BOROUGH OF MANTOLOKING	8/17/2020	434	7404	0	Lawn Sprinkler	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
20200043													
36 3		\$250.00	U	\$0.00		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1.00	\$0.00	0.00
1409 OCEAN AVE													
VAN CLEEF, NEIL	8/19/2020	434	7397	0	Inground Pool	\$0.00	\$0.00	\$75.00	\$0.00	\$0.00	\$1.00	\$0.00	\$0.00
20200044													
22 50		\$29,200.00	U	\$840.00		\$185.00	\$75.00	\$0.00	\$0.00	\$0.00	\$58.00	\$0.00	0.00
1116 BARNEGAT LANE													
KOVACS, William & Karen	8/19/2020	434	7399	1	Alterations	\$840.00	\$185.00	\$75.00	\$0.00	\$0.00	\$58.00	\$0.00	\$1,233.00
20200044													
22 50		\$1,200.00	U	\$0.00		\$0.00	\$0.00	\$95.00	\$0.00	\$0.00	\$3.00	\$0.00	0.00
1116 BARNEGAT LANE													
KOVACS, William & Karen	8/21/2020	434	7405	0	Air Conditioner	\$0.00	\$0.00	\$95.00	\$0.00	\$0.00	\$3.00	\$0.00	\$98.00
20200045													
36 7		\$6,890.00	R-5	\$0.00		\$75.00	\$0.00	\$75.00	\$0.00	\$0.00	\$14.00	\$0.00	0.00
1425 Ocean Avenue													
Frank Wlash	8/21/2020	434	7400	0	Inground Pool	\$0.00	\$75.00	\$75.00	\$0.00	\$0.00	\$14.00	\$0.00	\$164.00
20200046													
37 15		\$82,500.00	U	\$2,310.00		\$200.00	\$75.00	\$0.00	\$0.00	\$0.00	\$158.00	\$0.00	0.00
6 CARPENTER LANE													
Owens, Walter & Regina	8/21/2020	434	7401	1	pool heater	\$2,310.00	\$200.00	\$75.00	\$0.00	\$0.00	\$158.00	\$0.00	\$2,818.00
20200046													
37 15		\$1,500.00	U	\$0.00		\$0.00	\$0.00	\$95.00	\$0.00	\$0.00	\$3.00	\$0.00	0.00
6 CARPENTER LANE													
Owens, Walter & Regina	8/28/2020	434	7408	0	Water and Sewer Disconnect	\$0.00	\$0.00	\$95.00	\$0.00	\$0.00	\$3.00	\$0.00	\$98.00
20200047													
1 1		\$3,000.00	R-5	\$0.00		\$0.00	\$0.00	\$75.00	\$0.00	\$0.00	\$6.00	\$0.00	0.00
901 East Ave													
Stadler, Chris & Loretta													
		\$0.00		\$0.00		\$0.00	\$0.00	\$75.00	\$0.00	\$0.00	\$6.00	\$0.00	\$81.00

Permit #	Permit Date	Census	Control #	Updates	Description Of Work											
					Block & Lot	Work Site	Costs	Use Group	Bldg	Elec	Fire	Plmb	Elev	Mech	AltFee	CoFee
					Waived Fees	Badm	Eadm	Fadm	Padm	VAdm	MAdm	VolFee	CcoFee	Square Feet		
Owner Name					Minimum Fees	Btotl	Etotl	Ftotl	Ptotl	Vtotl	Mtotl	DCA Min.	CertTotl	Total Fee		
20200048	8/31/2020	434	7415	0 Alterations												
13 4		\$8,500.00	R-5	\$270.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$17.00	\$0.00	\$0.00		
936 Ocean Avenue			\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		
Hendricks, Peter & Joyce			\$0.00	\$270.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$17.00	\$0.00	\$287.00		
Grand Total		\$172,540.00	\$75.00	\$4,335.00	\$535.00	\$250.00	\$715.00	\$0.00	\$0.00	\$0.00	\$0.00	\$316.00	\$0.00	\$6,151.00		

Phone (732) 295-1401



Fax (732) 295-1469

MANTOLOKING POLICE DEPARTMENT

Chief of Police
Stacy S. Ferris

09/03/2020

Mayor & Council

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

OEM:

- NJ Covid - 19 information - <https://covid19.nj.gov>
- Indoor dining and gyms are permitted to open at 25% capacity.
- Face covers are **required** outdoors where social distancing is not able to be maintained.
- 500 people are allowed for outdoor gatherings; social distancing applies and masks must be worn when distancing is not possible. Direct family members and household members are permitted to be closer than 6 ft. Items that are used must be disinfected to CDC standards, when not used by family members' i.e.... Bathrooms, kitchens, tables
- Indoor capacity is limited to 25% of a building but no more than 150 people. Unless it is a funeral, religious service, political event, wedding or memorial services.
- Borough Hall; The lobby and police department are open 24/7. The 2nd floor Administration, Construction and Finance are available by appointment only. Phone number, extensions and emails for scheduling an appointment are available on the front door and Borough website.
- The Mayor, Chief of Police, OEM Director and Public Safety Chair will continue to meet to review our local emergency.

Dispatch Report:

- July of 2020 under a National, State, County & Local emergency we have responded to 545 incidents.
- Incidents include; 1 theft, 82 motor vehicle stops, 7 motor vehicle accidents, 8 first aid calls 53 parking problems, 54 property check, 18 alarms and 2 fires.
 - **Walk, run, bike on the side of the road to allow traffic to flow.**
 - **See something say something - ordinance violations & suspicious activity**

Directed Patrols:

- ❖ Social distancing
- ❖ Pedestrians blocking traffic on Barnegat Lane
- ❖ Property checks
- ❖ Boat traffic

2021 Summer Season:

- ❖ The police department is accepting applications for SLEO I & SLEO II positions for the 2021 season.
- ❖ Applications can be picked up at the police window in person.
- ❖ Applications must be returned by September 25th
- ❖ Interviews will be held in earlier October. (SLEO II academy starts in December)
- ❖ Badge checker / seller applications can be picked up or be requested by emailing policeservices@mantoloking.org. They must be returned by March 1st.

2020 Beach operations:

- ❖ We thank all beach staff members who helped us provide another great season; Lifeguards, checkers, sellers, social distancers, SLEO 1s and mobile checkers.
- ❖ As in the past Myself, Kelly and Wade will be creating a year end report to be made available to the Beach Committee.
- ❖ Anyone with suggestions for summer 2021, are asked to email; policeservices@mantoloking.org

Important Information

- ❖ **Please fill out a we care form prior to leaving town for the season.** Forms are available on the Borough website under police; they can be mailed or dropped off at any time. If dropping off after hours please place in an envelope mark police department and leave in a bin by the stairs.
- ❖ We have launched our new reverse 911 / communication system this month. The new system is Mantoloking Ready, residents can sign up for alerts from groups within the Borough that they would like to follow for example; beaches, public works, finance, Borough administration along with emergency notifications.
 - Flyers are next to the door with instructions to access and sign up for the new system.
 - Emergency notifications will go to everyone enrolled
 - OEM will be releasing dates for those who could use some assistance signing up.
 - <https://mantolokingready.regroup.com/signup>

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 AM to 4 PM, Monday thru Friday.

Fleet:

- ❖ Four of our six primary patrol vehicles are over 5 years old and have over seventy three thousand miles.
- ❖ We have spent through 80% of our vehicle maintenance budget

#	Year	Make / Model	Mileage	Mechanical / Logistics	Primary Use	
1900	2017	Ford / Explorer	10,689		Chief	
1901	2011	Chevy / Tahoe	73,850	Road jobs	Fleet / Admin	Preparing for auction
1902	2015	Chevy/ Tahoe	89,696	Dash board camera	Patrol	A & B Afternoon
1903	2020	Chevy/ Tahoe	5,915		Patrol	A & B Squad day
1904	2015	Chevy/Tahoe	96,734	Dash board camera	Patrol	SLEO IIs
1905	2016	Chevy / Caprice	85,718	Dash board camera	Patrol	SLEO IIs
1906	2017	Chevy/ Tahoe	57,511	Dash board camera	Patrol	A & B Afternoons
1908	2018	Chevy / Tahoe	50,723	Dash board camera	Patrol	A & B Squad night
1909	1995	Safe Boat		Saturday & Sunday	Summer	Trim motor broken
1914	2018	Polaris Ranger XP 1000			Beach	
1916 & 1922	2012	2- ATV		1 lifeguard / 1 patrol	Beach	7 days

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

9/1/20

Mayor & Council

During the month of August 2020 the Mantoloking Fire Company responded to 29 fire calls, held 4 drills and held our regularly scheduled business meeting. The table below provides a list of the calls for the month.

Date	Time	Location	Town	Incident Type
8/01/20	09:42	226 Dune Ave.	Brick	Fire Alarm
8/01/20	19:02	964 S. Lagoon Lane	Mantoloking	Fire Alarm
8/02/20	12:12	168 Squan Beach Dr.	Brick	Fire Alarm
8/03/20	19:32	345 Main Ave.	Bay Head	Fire Alarm
8/03/20	20:32	349 Tide Pond Rd.	Brick	Fire Alarm
8/04/20	06:15	309 Bay Blvd.	Brick	Fire Alarm
8/04/20	06:22	309 Bay Blvd.	Brick	Fire Alarm
8/04/20	11:45	78 Twilight Rd.	Bay Head	Arching Wires
8/04/20	13:46	104 Carrigan Pl.	Mantoloking	Wires Down
8/04/20	20:30	918 N. Lagoon Lane	Mantoloking	Fire Alarm
8/05/20	14:33	84 Bridge Ave.	Bay Head	Electrical Fire
8/06/20	16:50	357 Lake Ave.	Bay Head	Fire Alarm
8/7/20	15:23	220 Pointe Dr.	Brick	Fire Alarm
8/10/20	11:04	411 East Ave.	Bay Head	CO Alarm
8/14/20	20:31	138 Sunset Lane	Brick	Fire Alarm
8/15/20	08:08	Lyman & Barnegat	Mantoloking	Wires Arching

8/16/20	12:09	449 W. Lake Ave.	Bay Head	Fire Alarm
8/16/20	12:23	145 Osborne Ave.	Bay Head	CO Alarm
8/22/20	22:20	116 RT.35 N.	Brick	Grill Fire
8/24/20	15:40	919 N. Lagoon Lane	Mantoloking	Fire Alarm
8/24/20	16:41	1052 Barnegat Lane	Mantoloking	Fire Alarm
8/24/20	15:50	964 S. Lagoon Lane	Mantoloking	Fire Alarm
8/24/20	19:26	345 Main Ave.	Bay Head	Fire Alarm
8/27/20	09:45	521 East Ave.	Bay Head	Fire Alarm
8/28/20	10:16	108 Neptune CT.	Brick	Electrical Fire
8/28/20	21:10	Rt. 35 South	Brick	Arching Wires
8/29/20	16:15	257 Rt. 35 N	Brick	Arching Wires
8/30/20	07:46	438 Main Ave.	Bay Head	MVA

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: 9/08/20

Mayor and Council

Listed below are tasks undertaken by DPW during the month of August 2020.

1. Cleaned beaches
2. Swept streets
3. Cleaned up litter and garbage off roads and sidewalks.
4. Multiple mark outs
5. Oil changes and maintenance on beach ATVS.
6. Brought back all life guard stands to DPW yard.
7. Worked on clean up in building department after air conditioner problem.
8. Replaced ceiling tiles in building dept.
9. Worked with roofer on roof repairs at Boro Hall.
10. Cleaned up streets after flooding.
11. Carpet cleaned building department.
12. Removed large timbers from beach.
13. Cut grass on street ends and walkways.
14. Cleaned garbage on S. Bergen beach weekly.
15. Did generator tests at DPW garage and Borough Hall.
16. Changed air filters at borough hall.
17. Cleaned coils on AC unit at borough hall.
18. Prepped and installed Check Value on Bay Ave.
19. Attended weekly Mayors meetings.

Submitted by,

Scott Hulse