



# NEPTUNE TOWNSHIP EMERGENCY SERVICES NEWS

MICHAEL J. BASCOM, CEM  
OEM Coordinator

DONALD COLARUSSO  
Editor

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## January-February a Cold Snow-Filled Month for Neptune area



It has been a cold and snowy start to 2015. Neptune has seen an incredible amount of snow fall and frigid temperatures.

However, these challenges were met with a planned and organized response by Neptune Township.

Neptune DPW handled snow removal in a timely

manner. New technology allowed management to track the progress of street clearing with up-to-date information.

In addition to assisting motorists, responding to calls, and routine patrol duties, the Neptune Police Department efficiently cleared the roadways to allow for the passage of snowplows.

Fire and EMS staffed their stations and were able to immediately respond to emergencies in spite of difficult road conditions.

Neptune OEM also staffed their station and supported all Township emergency services and requests for assistance.

For several events, the Neptune OEM Emergency Operations Center (EOC) was staffed and in full operation [see photo].

## Firefighters Battle Devastating Fire in Ocean Grove

On February 6 at approximately 3:30 PM, the Ocean Grove Fire Department was dispatched to 50 Main Avenue for a reported structure fire.

Upon arrival, firefighters found a working fire on the second floor of the Bella Vista. This building is home to 4 business and 7 apartments.

Firefighters aggressively stretched hose lines and attacked the fire, however, the fire had quickly advanced and had extended to multiple areas of the building.

Mutual Aid was requested and the fire quickly elevated to a third alarm.

In addition to area fire departments assisting, a "pipeline" was requested in order to pull water from Fletcher Lake.



Firefighters, EMTs, Police, and Emergency Management worked into the night and the next day.

The building was completely destroyed.

Three firefighters were injured and transported to Jersey Shore University Medical Center.



## MAB-2 seeing action in Neptune and beyond

The Shark River Hills First Aid Squad, in cooperation with the Monmouth County Sheriff's Office-EMS Division operates MAB-2, a Medical Ambulance Bus assigned to the county by the NJ EMS Task Force.

MAB2 is a 41 foot Thomasville bus converted for patient care and responder rehab. The bus can manage up to 18 supine patients, 24 seated patients, 10 wheelchairs or a combination of these patients

The unit carries Bluetooth wireless vital sign monitors, coolers of water for hydration, medical supplies and monitoring equipment, portable litters, a 2500lb winch, and a 25kw generator.

Such responses have included many fire scenes, major motor vehicle crashes such as the recent crash on the NJ Turnpike, the Dietz and Watson and Seaside Boardwalk fires and medical facility evacuations during Hurricane Irene and Superstorm Sandy.

MAB2 has been on 140+ emergency call-outs since going in service in 2011.

So far, in 2015, MAB2 has responded to numerous calls in Neptune Township, Wall Township, Jackson Township, Freehold Township, Monmouth Beach, Toms River, and a mass casualty / serious auto accident on the New Jersey Turnpike.



When fully staffed, MAB-2 can perform duties that would have previously required a dozen ambulances.



## Fire Department: House Fire in Shark River Hills

On January 25 at 10:46 PM, the Neptune Fire Department was dispatched to 104 Melrose Avenue for a reported structure fire.

Upon arrival, firefighters found a single family home with heavy fire throughout.

All four Neptune Fire Companies were on scene and battled the fire, along with mutual aid from Tinton Falls Fire

Department.

The fire was brought under control after 30 minutes.

Also on scene was Neptune Police, OEM and EMS.

The fire is under investigation by the Neptune Fire Marshal and the Monmouth County Fire Marshal's Office.

## Neptune's First Responders participate in Active Threat Response program

In February, forty first responders from the Neptune Police Department, Emergency Medical Services, Fire Department, and Office of Emergency Management participated in a Tactical Medicine training program that provides our responders with the skills and knowledge needed to rescue victims of violent attacks in a safe and rapid manner.

The class was developed to meet the national standards of Tactical Combat Casualty Care.

Participants received intensive medical training, along with basic tactical skills, and an in depth study of best practices from events that have occurred around the world.

Our responders spent hours practicing their newly developed tactical response skills by participating in several different realistic scenarios throughout the training.



## Special Operations: Partial Roof Collapse at 81 Highway 35

The Neptune Special Operations Team was dispatched to 81 State Highway 35—Living Word Church—on January 28 at 1:46 PM for a reported roof collapse.

Upon arrival, Special Ops Team members found a partial wall collapse on the south side of the building.

The Neptune Building Department responded and assessed the damage.

The building and property was closed, until the property owner could have an engineer inspect the damage.

There were no injuries.

Units that make up the Special Operations Team and responded include:

Neptune Emergency Management

Neptune Fire Department

Neptune Police

Neptune Emergency Medical Services

Neptune Building Department



## Neptune’s C.E.R.T. members complete basic training

Members of Neptune’s new Community Emergency Response Team recently graduated from the basic C.E.R.T. training program.

The training class is a 24 hour program that covers topics such as CERT Basic Concepts, Terrorism, Fire Safety, Basic Rescue, Emergency Medical, Disaster

Psychology and more.

The program was pleased to welcome instructors from the Police Department, EMS, OEM, Fire Department and Special Operations Team.

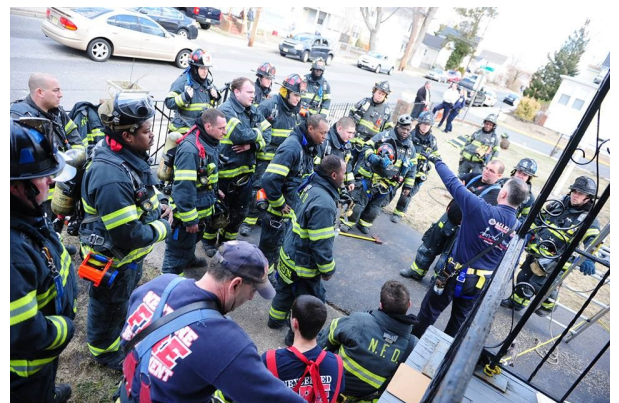
Requests for the C.E.R.T. can be made through Neptune OEM.

## Training News

Neptune Emergency Services is in the process of creating a Joint Emergency Services Training Council. This new group will be made up of all organizations in Neptune and Ocean Grove, including OEM, EMS, Fire, Police, DPW, CERT and others.

The group will focus on the various training needs including Compliance Training, Hazardous Materials, Leadership, Continuing Education, Firefighting and more.

This is an exciting new program that will enhance Neptune’s Emergency Service community.



## Shelter & Evacuation Team Trains for Emergencies

The employees of Neptune Township Department of Senior Services and Senior Center are trained first responders as the shelter team for Neptune Township. The Senior Center, and other locations in the township, are designated to serve as shelters, evacuation sites, or reception and transportation centers in the event of an emergency or catastrophic event in Neptune Township.

As part of their ongoing training, the Neptune Senior Center shelter team will participate in a training class entitled, "Psychological First Aid". This training is designed to help expand the team's skills in assisting seniors and/or their family members in times of emergency evacuations. The goal of this training is to educate our first responders on how to help reduce stress for evacuees and to teach evacuees how they can cope in the aftermath of disaster, terrorism and



other crisis events.

Neptune Senior Center's Case Manager and Transportation Coordinator also recently received training for "Register Ready". Register Ready is New Jersey's special needs online registry for disasters. It allows residents with functional needs and their families and/or friends an opportunity to provide personal information to emergency response agencies. This emergency information enables first responders to better serve frail and

isolated residents in a disaster or other emergency.

All personal information collected for Register Ready is kept confidential and is not available for public information. The information is stored securely and only used for emergency response personnel, their planning and emergency response needs.

These trainings are great assets for the team that is responsible for providing essential services and running an evacuation site or shelter for the



## Injured Worker Rescued from Construction Site

On February 11 at 5:30 PM, EMS was called to 305 Jumping Brook Road—the construction site where the new 3-story apartment buildings are being built near Highway 66.

A worker had fallen from the very top of the truss roof and landed on the third floor decking.

Upon arrival of EMS, they discovered that the worker had multiple injuries as a result of the fall.

The unfinished site posed a challenge for removing the worker.

Hamilton and Unexcelled Fire Companies responded with their tower ladder trucks, along with OEM and members of Neptune's Special Operations Team.

The worker was stabilized and packed onto a backboard and Stokes basket. We was transferred to the tower ladder bucket and lowered to an awaiting ambulance.

A great job by all emergency services

## Neptune Sewerage Authority Preparedness: Equipment Upgrades

Prior to experiencing the devastating effects of Superstorm Sandy that hit Neptune Township with a vengeance in October 2012, the Township of Neptune Sewerage Authority (TNSA) has taken proactive approaches towards focusing on mitigating the frequency of wastewater surcharge occurrences at the Authority's remote Laird Avenue pump station. The pump station receives a significant volume of wastewater flow during major storm events from several customer towns which include Neptune Township, Bradley Beach, Avon by the Sea, Neptune City, Ocean Grove and Seaview Island as a result of inflow and infiltration. Additionally, in efforts to maintain operational integrity of the Authority's wastewater treatment plant, TNSA has made several equipment upgrades within various treatment plant process systems by replacing existing mechanical equipment that have exceeded their useful life with new and energy efficient equipment.

At the Laird Avenue Pump Station, TNSA replaced two out of three existing pumps in 2010 and replaced the remaining existing third pump in 2011 with three 250 horsepower Fairbanks Morse Dry Pit Submersible Pumps. Additionally, in efforts to reduce pump maintenance and increase pump station reliability, TNSA also installed a new channel mounted grinder manufactured by JWC in the station's

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SEWERAGE AUTHORITY**

**TNSA**



influent channel to shred paper material that is conveyed in the wastewater prior to pumping. The installation of the new pumping units increased the pump station's conveyance capability from 8 million gallons per day to 13 million gallons per day. As a result of the installation of the new pumping units, the frequency of wastewater surcharge occurrences during major storm events has been significantly reduced. To further address the reduction of wastewater surcharge events at the pump station, TNSA also conducted meetings with the customer towns listed above to discuss and help mitigate the Infiltration and Inflow (I&I) problems.

In addition to the upgrades at the Laird Avenue pump station, TNSA has also made several mechanical equipment upgrades at the wastewater treatment plant facility. These upgrades included the purchase and installation of new Horizontal Chopper Sludge Re-circulation Pumps, new Rotary Lobe Sludge Transfer Pumps, new energy efficient turbo blower for the

Stabilization Pond Aeration System, new Trickling Filter Re-circulation Pumps, new waste gas burner to comply with current NJDEP air emission permit requirements, new dry pit submersible pumps located in the Chlorine Contact Tank Number 1 and Intermediate and Outfall Pump Station Buildings and new grit conveyance pumps for Grit Chamber Numbers 1 and 2.

TNSA received reimbursement funds from FEMA based upon emergency generator run times at the Laird Avenue pump station and wastewater treatment plant which also covered labor costs for overtime expenses associated with Superstorm Sandy.

TNSA is a 24/7 operation that continues to be ready for emergency situations on a regular basis either from weather related events or equipment failures. We believe these equipment upgrades along with the knowledgeable and dedicated plant staff will position TNSA to be able to satisfactorily respond to major events.

## Neptune Engineering & Planning: Behind the Scenes

### Evacuation Map

The Township of Neptune Engineering Department is working with the Office of Emergency Management on an evacuation map. The map identifies major roadways, local, county and state. The map identifies major evacuation routes to take in the event of flooding or other emergencies. The map identifies those major roadways that are higher in elevation and will be cleared and passable as a priority for evacuation purposes. Depending on where you are located within Neptune Township, certain routes will be highlighted for evacuation purposes to get the individual to higher ground. This map is available on the website.



### Flood Zone Map

As everyone should be aware, the Flood Insurance Rate Maps (FIRMS) are currently in the update process. The Township of Neptune is receiving the most up-to-date information and posting updates on the website as they are available. The Neptune Township Flood Plain Manager utilizes the most current available data when reviewing new construction plans. The Township is working on implementing the newest FIRM data with the parcels (block and lot) maps. This interactive map would allow an individual property owner to select his parcel and be able to know the flood zone and elevation associated with the parcel. Stay tuned for this map release through the website.

### Flood Mitigation

The Township of Neptune Engineering Department works together with both Administration and the Office of Emergency on various Flood Mitigation Projects as funded through FEMA.

Recently the Township of Neptune completed the new bulkhead, tideflex valves and mitigation project at the Shark River Municipal Marina. The Township of Neptune has also received funding for some mitigation along the South Concourse and West Concourse area of North Island. The plans are being completed, and we have applied for the necessary permits from NJDEP. The scope of work includes mitigation by raising portions of the roadway, installing bulkhead where it no longer exists, upgrading drainage and installing Tideflex Valves to prevent backflow in the drainage system. Recently the Township of Neptune was successful in receiving two (2) new grants. One for the installation of generators at critical facilities. These generators are needed as backups for critical facilities in order to keep and maintain the facilities during emergency events. The other grant was for improvements to Alberta Lake and the associated drainage system. This has been a long standing problem with respect to runoff, rainfall and drainage. Several areas downstream impact both property owners and the housing authority and require evacuation during storm events. This grant will allow for the upgrading of the valves and draining of the lake prior to storm or runoff events and also upgrade the storm water system downstream to increase capacity which will alleviate the amount of displacement of residents as well as property damage expense.

