



Borough of Spring Lake *Annual Drinking Water Quality Report*

PWS ID #1352005

Borough of Spring Lake Water and Sewer Utility

For the Year 2020, Results from the Year 2019



We are pleased to present to you this year's Annual Drinking Water Quality Report. This report is designed to inform you about the quality water and services we deliver to you every day. We have three wells and we purchase water from the New Jersey Water Supply Authority, Manasquan Reservoir Water Supply System. Our wells draw their water from the Englishtown Aquifer and are approximately 700 feet deep. The Manasquan Water Treatment Plant, located on Hospital Road in the Allenwood section of Wall Township, is owned by the Monmouth County Improvement Authority and is operated by the New Jersey Water Supply Authority. The Manasquan Water Treatment Plant takes its water from the Manasquan River in Wall Township and the Manasquan Reservoir in Howell Township.

The New Jersey Department of Environmental Protection (NJDEP) has completed and issued the Source Water Assessment Report and Summary for this public water system, which is available at WWW.state.nj.us/dep/swap or by contacting NJDEP's Bureau of Safe Drinking Water at (609) 292-5550. You may also contact your public water system to obtain information regarding your water system's Source Water Assessment. The source water susceptibility ratings and a list of potential contaminant sources for these water systems is included.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by *Cryptosporidium* and other microbiological contaminants are available from the Safe Drinking Water Hotline (800-426-4791).

The Spring Lake Borough Water and Sewer Utility and the Manasquan Water Supply System routinely monitor for contaminants in your drinking water according to Federal and State laws. The table shows the results of our monitoring for the period of January 1st to December 31st, 2019. The state allows us to monitor for some contaminants less than once per year because the concentrations of these contaminants do not change frequently. Some of our data, though representative, are more than one year old.

Spring Lake Borough Test Results						
Contaminant	Violation Y/N	Level Detected	Units of Measure -ment	MC LG	MCL	Likely Source of Contamination
Radioactive Contaminants:						
Combined Radium 228 & 226 Test results Yr. 2018	N	3.39	pCi/1	0	N/A	Erosion of natural deposits
Gross Alpha Test results Yr. 2018	N	3.39	pCi/1	0	15	Erosion of natural deposits
Inorganic Contaminants:						
Copper Test results Yr. 2018 Result at 90 th Percentile	N	0.1 No samples exceeded the action level.	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits
Lead Test results Yr. 2018 Result at 90 th Percentile	N	ND No samples exceeded the action level.	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
Disinfection Byproducts:						
TTHM Total Trihalomethanes Test results Yr. 2019	N	Range = 15 - 46 Highest LRAA = 38	ppb	N/A	80	By-product of drinking water disinfection
HAA5	N	Range = 13 - 36	ppb	N/A	60	By-product of drinking

Haloacetic Acids Test results Yr. 2019		Highest LRAA = 25				water disinfection
Regulated Disinfectants		Level Detected		MRDL		MRDLG
Chlorine Test results Yr. 2019		Range = 0.6 – 2.0 Average = 1.1 ppm		4.0 ppm		4.0 ppm

Chlorine: Water additive used to control microbes.

Secondary Contaminant	Level Detected	Units of Measurement	RUL
Sodium Test results Yr. 2018	35 - 58	ppm	50

We slightly **exceeded** the **Recommended Upper Limit (RUL)** for Sodium at one of our wells. For healthy individuals, the sodium intake from water is not important, because a much greater of sodium takes place from salt in the diet. However, sodium levels above the **Recommended Upper Limit (RUL)** may be of concern to individuals on a sodium restricted diet.

Secondary Contaminant- Substances that do not have an impact on health. Secondary Contaminants affect aesthetic qualities such as odor, taste or appearance. Secondary standards are recommendations, not mandates.

Recommended Upper Limit (RUL) – Recommended maximum concentration of secondary contaminants. These reflect aesthetic qualities such as odor, taste or appearance. RUL's are recommendations, not mandates.

HAA5 and TTHM compliance is based on a Locational Running Annual Average (LRAA), calculated at each monitoring location. The LRAA calculation is based on four completed quarters of monitoring results.

Lead: If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. The Borough of Spring Lake Water & Sewer Utility and the Manasquan Water Supply System are responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 second to 2 minutes before using water for drinking and cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water hotline or at <http://www.epa.gov/safewater/lead>.

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity.

Contaminants that may be present in source water include:

- Microbial contaminants, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.
- Inorganic contaminants, such as salts and metals, which can be naturally-occurring or result from urban storm water runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming.
- Pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm water runoff, and residential uses.
- Organic chemical contaminants, including synthetic and volatile organic chemicals, which are byproducts of industrial processes and petroleum production, and can, also come from gas stations, urban storm water runoff, and septic systems.
- Radioactive contaminants which can be naturally occurring or be the result of oil and gas production and mining activities.

In order to ensure that tap water is safe to drink, EPA prescribes regulations which limit the amount of certain

contaminants in water provided by public water systems. Food and Drug Administration regulations establish limits for contaminants in bottled water, which must provide the same protection for public health.

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-4791.

DEFINITIONS

In the "Test Results" tables you may find some terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

Non-Detects (ND) - laboratory analysis indicates that the constituent is not present.

Parts per million (ppm) or Milligrams per liter (mg/l) - one part per million corresponds to one minute in two years or a single penny in \$10,000.

Parts per billion (ppb) or Micrograms per liter - one part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

Parts per trillion (ppt) or nanogram per liter - one part per trillion corresponds to one minute in 20,000 years, or a single penny in \$100,000,000.

Picocuries per liter (pCi/L) - picocuries per liter is a measure of the radioactivity in water.

Action Level - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Maximum Contaminant Level - The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Maximum Contaminant Level Goal -The "Goal"(MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Secondary Contaminant- Substances that do not have an impact on health. Secondary Contaminants affect aesthetic qualities such as odor, taste or appearance. Secondary standards are recommendations, not mandates.

Recommended Upper Limit (RUL) – Recommended maximum concentration of secondary contaminants. These reflect aesthetic qualities such as odor, taste or appearance. RUL's are recommendations, not mandates.

Maximum Residual Disinfectant Level (MRDL) - The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

Maximum Residual Disinfectant Level Goal (MRDLG): - The level of a drinking water disinfectant, below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contamination.

Nephelometric Turbidity Unit (NTU) - nephelometric turbidity unit is a measure of the clarity of water. Turbidity in excess of 5 NTU is just noticeable to the average person.

Total Organic Carbon (TOC) - We are required to remove a certain percentage of (TOC) from our drinking water on a monthly basis. Total Organic Carbon has no adverse health effects. However, TOC provides a medium for the formation of disinfection byproducts.

Turbidity – A measure of the particulate matter or "cloudiness" of the water. High turbidity can hinder the effectiveness of disinfectants.

If you have any questions about this report or concerning your water utility, please contact Matthew Gerrity at 732-904-5943. We want our valued customers to be informed about their water utility. If you want to learn more, please attend any of our regularly scheduled Borough Council meetings at Borough Hall, Fifth and Warren Aves. Meetings are held every other Monday at 8:00 p.m.

Unregulated Contaminants for Which EPA Requires Monitoring

The Borough of Spring Lake Water & Sewer Utility participated in monitoring for unregulated contaminants under the Unregulated Contaminant Monitoring Rule (UCMR) in 2019. Unregulated contaminants are those for which the EPA has not established drinking water standards. The purpose of unregulated contaminant monitoring is to assist the EPA in determining the occurrence of unregulated contaminants in drinking water and whether regulation is warranted. Our results are available upon request. We found the substances listed below.

Contaminant	Level Detected	Units of Measurement	Likely source
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Manganese	0.72	ppb	Manganese is an essential nutrient, and toxicity is not expected from levels which would be encountered in drinking water.
Dibromoacetic Acid	Range = 1.3 Average = 1.3	ppb	By-product of drinking water disinfection
Dichloroacetic Acid	Range = 4.2 – 4.8 Average = 4.5	ppb	By-product of drinking water disinfection
Bromochloroacetic Acid	Range = 3.0 – 3.2 Average = 3.1	ppb	By-product of drinking water disinfection
Chlorodibromoacetic Acid	Range = 1.8 – 1.9 Average = 1.9	ppb	By-product of drinking water disinfection
Bromodichloroacetic Acid	Range = 2.2 – 2.3 Average = 2.3	ppb	By-product of drinking water disinfection
Trichloroacetic Acid	Range = 2.5 – 2.8 Average = 2.6	ppb	By-product of drinking water disinfection
Monobromoacetic Acid	Range = ND – 0.3 Average = 0.2	ppb	By-product of drinking water disinfection

Cryptosporidium

Cryptosporidium is a microbial pathogen found in surface water throughout the U.S. Cryptosporidium is usually removed through the filtration process and inactivated by other treatment processes such as ozonation. In order to check for the presence of Cryptosporidium, the USEPA issued the Long Term Enhanced Surface Water Treatment Rule in January 2006. As part of this rule, the Manasquan System began monthly sampling and testing for Cryptosporidium in October 2016 and this testing continued through its completion in September 2018. The sample results did not show any presence of Cryptosporidium.

Unregulated Contaminant Monitoring: The Manasquan Water Supply monitored for the following unregulated contaminants. Unregulated contaminants are those for which the US Environmental Protection Agency (EPA) or the New Jersey Department of Environmental Protection (NJDEP) has not established drinking water standards. The purpose of unregulated contaminant monitoring is to assist the EPA and NJDEP in determining the occurrence of unregulated contaminants in drinking water and whether regulation is warranted. Per- and polyfluoroalkyl substances (PFAS) are widely found in the environment. EPA has identified a health advisory level for two PFAS analytes, PFOA and PFOS 0.070 ppb either singly or combined, and NJDEP has proposed new drinking water standards (Maximum Contaminant Levels (MCLs)) for PFOA and PFOS of 14 ng/L (0.014 ppb) and 13 ng/L (0.013 ppb), respectively. It is likely that NJDEP will adopt a final rule regarding the new MCLs before the end of 2020. The detected levels of PFOA and PFOS found are below DEP's proposed MCL.

Contaminant	Level Detected	Units of Measurement	Likely source
(PFOS) Perfluorooctane Sulfonate	Range = 0.003 – 0.006	ppb	Used in the manufacture of fluoropolymers.
(PFOA) Perfluorooctanoic Acid	Range = 0.004 – 0.006	ppb	Used in the manufacture of fluoropolymers.

What are PFOA and PFOS?

Perfluorooctanoic acid (PFOA) and perfluorooctane sulfonate (PFOS) are per- and polyfluoroalkyl substances (PFAS), previously referred to as perfluorinated compounds, or PFCs, that are man-made and used in industrial and commercial applications. PFOA was used as a processing aid in the manufacture of fluoropolymers used in non-stick cookware and other products, as well as other commercial and industrial uses based on its resistance to harsh chemicals and high temperatures. PFOS is used in metal plating and finishing as well as in various commercial products. PFOS was previously used as a major ingredient in aqueous film forming foams for firefighting and training, and PFOA and PFOS are found in consumer products such as stain resistant coatings for upholstery and carpets, water resistant outdoor clothing, and grease proof food packaging. Although the use of PFOA and PFOS has decreased substantially, contamination is expected to continue indefinitely because these substances are extremely persistent in the environment and are soluble and mobile in water. More information can be found at: [https://www.state.nj.us/dep/wms/bears/docs/2019-4-15-FAQs_PFOS-PFOA-websites-OLA%204-24-19SDM-\(003\).pdf](https://www.state.nj.us/dep/wms/bears/docs/2019-4-15-FAQs_PFOS-PFOA-websites-OLA%204-24-19SDM-(003).pdf)

Manasquan Water Supply 2019 Test Results PWSID # NJ1352005						
Contaminant	Violation Y/N	Level Detected	Units of Measure- ment	MC LG	MCL	Likely Source of Contamination
Microbiological Contaminants:						
Turbidity	N	Range = 0.02 – 0.17 100% < 0.3 NTU	NTU	N/A	TT 95% of monthly samples < 0.3 NTU	Soil runoff
Total Organ Carbon (TOC)	N	Range = 29 - 51 Avg. Removal = 42%	%	N/A	TT 35% - 45% removal	Soil runoff
Inorganic Contaminants:						
Copper Result at 90 th Percentile	N	1.27 1 sample out of 5 exceeded the action level.	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits
Lead Result at 90th Percentile	Y	132 2 samples out of 5 exceeded the action level.	ppb	0	AI=15	Corrosion of household plumbing systems; erosion of natural deposits
Cyanide	N	Range = ND – 2.7 Highest detect = 2.7	ppb	200	200	Discharge from steel/metal factories; discharge from plastic and fertilizer factories
Fluoride	N	Range = 0.08 – 0.15 Highest detect = 0.15	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
Nitrate (as Nitrogen)	N	0.16	ppm	10	10	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Disinfection Byproducts:						
TTHM Total Trihalomethanes	N	Range = 22 – 36 Highest detect = 36	ppb	N/A	80	By-product of drinking water disinfection
HAA5 Haloacetic Acids	N	Range = 25 - 27 Highest detect = 27	ppb	N/A	60	By-product of drinking water disinfection
Regulated Disinfectants		Level Detected		MRDL		MRDLG
Chlorine		Range = 1.2 – 1.4 Average = 1.2 ppm		4.0 ppm		4.0 ppm

Chlorine: Water additive used to control microbes.

Synthetic Organic Contaminants:						
PFNA Perfluorononanoic Acid Test results Yr. 2019	N	Range = ND – 3 Highest detect = 3	ppt	N/A	13	Used in the manufacture of fluoropolymers.

Please note: The New Jersey Water Supply Authority is not responsible for lead testing within the customer communities. Consult the Consumer Confidence Report of your community water system for lead results. The lead results in the table above are from faucets at the buildings on the Water Treatment facilities property. Lead and copper levels were detected in some samples taken at the water treatment plant and tested in 2019. The NJWSA adds a corrosion control chemical and adjusts the pH of the water leaving the Water Treatment plant in order to improve the corrosivity of the water and to achieve the regulatory level for these chemical elements.

Borough of Spring Lake - PWSID # NJ1348001

Borough of Spring Lake is a public community water system consisting of 3 wells.

This system's source water comes from the following aquifer: Englishtown Aquifer System

This system can purchase water from the following water systems: Belmar water Department, NJ Water Supply Authority, Spring Lake Heights Water Department

Susceptibility Ratings for Borough of Spring Lake Sources

The table below illustrates the susceptibility ratings for the seven contaminant categories (and radon) for each source in the system. The table provides the number of wells and intakes that rated high (H), medium (M), or low (L) for each contaminant category. For susceptibility ratings of purchased water, refer to the specific water system's source water assessment report.

The seven contaminant categories are defined at the bottom of this page. DEP considered all surface water highly susceptible to pathogens, therefore all intakes received a high rating for the pathogen category. For the purpose of Source Water Assessment Program, radionuclides are more of a concern for ground water than surface water. As a result, surface water intakes' susceptibility to radionuclides was not determined and they all received a low rating.

If a system is rated highly susceptible for a contaminant category, it does not mean a customer is or will be consuming contaminated drinking water. The rating reflects the potential for contamination of source water, not the existence of contamination. Public water systems are required to monitor for regulated contaminants and to install treatment if any contaminants are detected at frequencies and concentrations above allowable levels. As a result of the assessments, DEP may customize (change existing) monitoring schedules based on the susceptibility ratings.

	Pathogens			Nutrients			Pesticides			Volatile Organic Compounds			Inorganics			Radionuclides			Radon			Disinfection Byproduct Precursors		
Sources	H	M	L	H	M	L	H	M	L	H	M	L	H	M	L	H	M	L	H	M	L	H	M	L
Wells - 3			3			3			3			3		3				3			3		3	

NJ Water Supply Authority – Manasquan Water Supply System - PWSID # NJ1352005

NJ Water Supply Authority - Manasquan System is a public community water system consisting of 2 surface water intakes.

This system's source water comes from the following surface water bodies: Manasquan Reservoir, Manasquan River

Susceptibility Ratings for NJ Water Supply Authority - Manasquan Water Supply System Sources

The table below illustrates the susceptibility ratings for the seven contaminant categories (and radon) for each source in the system. The table provides the number of wells and intakes that rated high (H), medium (M), or low (L) for each contaminant category. For susceptibility ratings of purchased water, refer to the specific water system's source water assessment report.

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	Pathogens	Nutrients	Pesticides	Volatile Organic Compounds	Inorganics	Radionuclides	Radon	Disinfection Byproduct Precursors
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Sources	H	M	L	H	M	L	H	M	L	H	M	L	H	M	L	H	M	L	H	M	L	H	M	L
Surface water intakes - 2	2				2			2			2			2				2			2	2		

Pathogens: Disease-causing organisms such as bacteria and viruses. Common sources are animal and human fecal wastes.

Nutrients: Compounds, minerals and elements that aid growth, that are both naturally occurring and man-made. Examples include nitrogen and phosphorus.

Volatile Organic Compounds: Man-made chemicals used as solvents, degreasers, and gasoline components. Examples include benzene, methyl tertiary butyl ether (MTBE), and vinyl chloride.

Pesticides: Man-made chemicals used to control pests, weeds and fungus. Common sources include land application and manufacturing centers of pesticides. Examples include herbicides such as atrazine, and insecticides such as chlordane.

Inorganics: Mineral-based compounds that are both naturally occurring and man-made. Examples include arsenic, asbestos, copper, lead, and nitrate.

Radionuclides: Radioactive substances that are both naturally occurring and man-made. Examples include radium and uranium.

Radon: Colorless, odorless, cancer-causing gas that occurs naturally in the environment. For more information go to <http://www.nj.gov/dep/rpp/radon/index.htm> or call (800) 648-0394.

Disinfection Byproduct Precursors: A common source is naturally occurring organic matter in surface water. Disinfection byproducts are formed when the disinfectants (usually chlorine) used to kill pathogens react with dissolved organic material (for example leaves) present in surface water.

BOROUGH OF SPRING LAKE- FLOOD INFORMATION

The Borough of Spring Lake is participating with the Federal Insurance Agency in the "Community Rating System" which may result in the reduction of Federal flood insurance premiums for all Borough policyholders. We are required to notify all homeowners of this program and of the flooding potential in the Borough of Spring Lake.

Flood Hazards

The Federal Emergency Management Agency has classified some areas of the Borough of Spring Lake as a special flood hazard area, otherwise known as the 100-Year Flood Plain. As required by FEMA, flood maps have been developed for the Borough of Spring Lake. The maps show flood zones and the predicted elevations that a 100-year storm could reach or exceed.

Oceanfront properties are vulnerable to storm damage during severe northeasters and hurricane conditions. Flooding can come with little warning. Even though they appear to move slowly (three feet per second) a flood two feet deep can knock a man off his feet and float a car. Our dunes are considered important. They are our first line of defense against the onslaught of the incoming seas. Preserving those dunes is of the utmost importance. The Borough of Spring Lake maintains strict standards for dune restoration and preservation. Other properties that are susceptible border on the shores of Wreck Pond, Spring Lake and Lake Como. During the 1992 Northeaster certain streets at the southeast end of town experienced flooding over two feet, which did not completely dissipate for 48 hours.

Flood Insurance

Approximately fifteen percent of the Borough of Spring Lake homeowners carry Federal flood insurance. Keep in mind that the standard homeowner's insurance policy does not cover flood losses. In the regular Federal flood insurance programs, coverage of up to \$185,000 is available for single-family dwellings and up to \$250,000 for other residential dwellings. Up to \$60,000 contents coverage is available for the above. All homeowners are strongly urged to carry Federal flood insurance. Information on flood insurance may be obtained from your local insurance agent, or call the National Flood Insurance Program at 1-800-638-6620.

Flood Proofing

The best way to minimize storm damage to your home is to raise it on pilings so that the lowest habitable floor is at or above your base flood elevation. Current cost estimates for this varies from \$20,000 to \$25,000 and your flood insurance premiums could be significantly reduced. Another approach is to make your walls waterproof and place watertight closures over the doorways. This method is not recommended for houses with basements or if water will get over two feet deep. The inexpensive and easy task of installing flood vents in your home can also reduce storm damage. You may contact Albert Ratz, Jr., Construction Official at 732-449-0800.

Flood Services

The first thing you should do is check your flood hazard. The Spring Lake Library has publications dealing with flood-related topics, such as, flood proofing, elevated structures, flood maps, flood emergency and flood insurance. This information can be helpful if you are in a floodplain or have experienced a flood, drainage or sewer backup problem. You may call the Construction Official, Albert Ratz, Jr. if you have a question or need additional information.

What Can You Do?

Spring Lake depends on your cooperation and assistance. Please remember the Borough of Spring Lake has ordinances, which prohibit the disposal of litter upon any public or private property other than in a litter receptacle. It is also unlawful for a person to sweep into or deposit in any gutter, street, catch basin or other public place any accumulation of litter from any public or private sidewalk or driveway.

Always check with the Building Department before you build on, alter, re-grade or fill on your property to ensure that projects do not cause problems on other properties and to ascertain whether a permit is needed for work.

Flood Warning

When severe storms are forecast for the Borough of Spring Lake, radio stations WADB (95.9 FM) and WJLK (1310 AM-94.3 FM) and Monmouth Cable TV will broadcast emergency information. The AM Alert Radio Station 1640 will operate 24 hours a day and continuously broadcast NOAA weather radio updates. If evacuation is required an Emergency Network message will be sent and emergency personnel will use the P.A. systems on all emergency vehicles to alert and instruct residents. The Borough of Spring Lake has an Emergency Management Plan, which is under the supervision of Police Chief Edward Kerr.

Flood Safety

If someone in your home would need to be evacuated by ambulance, please notify the Health Department in advance. In an emergency, contact the Police if the Health Department does not have you on file. Knowing how high your property is

above mean sea level will give you an idea how vulnerable your property is to storm damage. Your FLOOD ELEVATION CERTIFICATE or property survey may have this information.

The Federal Insurance Administration suggests the following action when coastal storms or hurricanes are imminent:

1. **Turn off all electrical power at panel** - Some appliances such as television sets, keep electrical charges even after they have been unplugged. Don't use appliances or motors that have gotten wet unless they have been taken apart, cleaned and dried.
2. **Close main gas valve** - Be alert for gas leaks. Use a flashlight to inspect for damage. Don't smoke or use candles, lanterns, or open flames unless you know the gas has been turned off and the area has been ventilated.
3. **Move household items to the highest level you can** - Also cardboard boxes and newspapers, as these materials disintegrate and will clog drains and vents
4. **Keep a full tank of gas**
5. **Do not walk through flowing water** - Drowning is the number one cause of flood deaths, mostly during flash floods. Currents can be deceptive; six inches of moving water can knock you off your feet.
6. **Stay away from power lines and electrical wires** - The number two flood killer after drowning is electrocution. Electrical current can travel through water. Report downed power lines to power company.

If you evacuate your home, here are some essential items you should take: First Aid Supplies, Cell Phone, Prescription Medication, Supply of Non-Perishable Food, Batteries (Hearing aid, flashlight), Battery-operated Portable Radio, Blankets, Dry Clothing - Especially Shoes and Socks, Important Papers, Bank and Check Books, Valuable and Cherished Items, Games for Children and Adults.

The ASBURY PARK PRESS reported that eighty percent of those living on the coast had never experienced a hurricane. DO NOT BE COMPLACENT. Resolve to make your emergency plans now, and evacuate as soon as you are told.

For further information on this subject, the construction department may be reached at 732-449-0800 ext. 608.