

Collection of Storm Related Debris

Debris resulting from a level 1 or level 2 hurricane will be relatively minimal and may be deposited at the Charlestown Recovery & Recycling Center under the rules, regulations and fee structure set forth by Town Ordinance. The Charlestown Department of Public Works will remove and transport all accumulated debris from Town maintained roads and municipal owned properties. Homeowners and Homeowner Associations must arrange for removal and transportation of debris from private roads and properties.

Owners of private properties are responsible for the removal of debris from their properties including transport to a collection-staging site and separation of debris at such site according to rules set forth within the Debris Management Plan. Trees that have fallen on homes or are threatening homes, may be removed under contract with the property owner, following the execution of a right-of-way property entry agreement and approval by a FEMA Public Assistance Officer. Private property owner applicants for this service will be required to seek recovery of contract costs from their insurance company, and reimburse FEMA.

Debris removal following a high level hurricane can be a monumental task requiring a long period of time, requiring the establishment of priorities and demanding the attention, cooperation and understanding of all residents.

Hurricane Category Number	Sustained Winds (MPH)	Damage
1	74-95	Minimal: Unanchored mobile homes, vegetation and signs.
2	96-110	Moderate: All mobile homes, roofs, small crafts, flooding.
3	111-130	Extensive: Small buildings, low-lying roads cut off.
4	131-155	Extreme: Roofs destroyed, trees down, roads cut off, mobile homes destroyed. Beach homes flooded.
5	155+	Catastrophic: Most buildings destroyed. Vegetation destroyed. Major roads cut off. Homes flooded.

**Home Health Care
and Homebound Persons
SEE FORM ON PG 7**

Related Storm links...



"I counted bodies—row upon sickening row of them—stretched out in the old town high school after all the city's morgues were filled. When I left (Westerly) at four o'clock this morning, there were 74 dead and almost 100 missing..."

Bob Crawley,
Westerly Sun Reporter—'38 Hurricane

Center Disease Control Printable Chart	http://www.emergency.cdc.gov/disasters/hurricanes/
National Buoy System	http://www.nhc.noaa.gov/AT_Track_chart.pdf
USCG Storm Center	http://www.ndbc.noaa.gov/index.shtml
FEMA	http://www.uscg.mil/news/stormcenter/
FEMA for kids	http://www.fema.gov/
FEMA/ Hurricanes	http://www.fema.gov/kids/
CEMA	http://www.fema.gov/areyouready/hurricanes.shtm
	http://www.charlestownri.org/
CERT	(Then Click – Civil Preparedness Tab)
RI Weather Alerts	https://www.citizencorps.gov/cert/
American Red Cross/RI	http://www.weather.gov/alerts/ri.html
RIDART (Animals)	http://www.riredcross.org/
Special Needs (RI)	http://www.orgsites.com/ri/ridart/
Charlestown Evacuation Map	https://kidsnet.health.ri.gov/emregistry/form.html
	http://www.riema.ri.gov/preparedness/evacuation/Hevac_charlestown.pdf

THE TOWN HALL PIPELINE

Charlestown Town Hall
4540 South County Trail
Charlestown, RI 02813

**2010 HURRICANE
EDITION**

THE PIPELINE

July 2010 Volume 14, No. 2

From the Town Administrator:

This edition of *The Pipeline* presents information on hurricane preparedness. Rhode Island Emergency Management Agency has predicted an active hurricane season. As a coastal community it is important for all of us to be prepared in the event of a hurricane. Continuing with weather concerns, the Town Council Chambers, the Community Room at the Charlestown Police Station and the Senior Center will be cooling centers during the days when temperatures reach the nineties and a heat advisory has been called.

This summer, the Town Council has continued with its pledge of open government. Beginning in September, the Council will have video streaming of the monthly Town Council meetings through the Town's website; www.charlestownri.org. The Council meeting agenda will provide a link to video of the Town Council meeting and currently all documents included in the Council information package are available through Clerk Base on the Town Website.

I maintain an open door policy. Feel free to visit me anytime and have a great summer!

Bill DiLibero
Town Administrator

New Flood Regulations

FEMA has revised the Flood Insurance Rate Maps (FIRM) and the Flood Insurance Study (FIS) for Washington County. The Town of Charlestown as a member of the National Flood Insurance Program (NFIP), is required to adopt the new Maps, the Insurance Study and update their Flood Plain Ordinance by October 19, 2010 to remain a member of the NFIP.

The new maps are aerial photos with the Flood zones shown. This will make it easier to locate properties, roads etc. than the current maps. In recent years, the National Geodetic Survey has moved from a national vertical control network, based on National Geodetic Vertical Datum of 1929 (NGVD 29) to NAVD 88 data. To remain in agreement with the national standard, FEMA has converted its data to NAVD 88. What you will see in comparing the old and new maps is the elevations are different by approximately a foot but this is due to using a new datum for reference. As an example, the old map would reference a coastal zone as V13 (18) and the new maps VE (17). The

A washing machine is all that remains of this coastal cottage after the '38 hurricane.



New Flood Regulations continued....

one foot difference is only due to the different datum being used not an actual change in elevations. The boundaries between different flood zones have remained relatively the same.

The Town Council will be having a hearing to adopt the new Flood Ordinance, which will incorporate the new maps and insurance study, on August 9, 2010. The Revised Flood Ordinance is available for review at the Town Clerks office. The new mapping and insurance study is available at the Building and Zoning Office. More information concerning coastal areas is available at www.fema.gov or www.floodsmart.gov. All questions concerning insurance coverage should be directed to your local insurance agent.

Survival Tear Sheets

Disaster Supply Kit

- Water** – at least 1 gallon daily per person for 3 to 7 days
- Food** – at least enough for 3 to 7 days
 - non-perishable packaged or canned food/juices
 - foods for infants or the elderly
 - snack foods, i.e. candy, gum, etc.
 - non-electric can opener
 - cooking tools/fuel
 - paper plates/plastic utensils
- Blankets/Pillows, etc.**
- Clothing** – change of seasonal clothing/rain gear/sturdy shoes
- First Aid Kit/Medicines (pain aids, vitamins)/Prescription Drugs**
- Personal Hygiene items** – toilet paper/towelettes, soap
- Special Items** – for babies (diapers, etc.) and the elderly
- Flashlight/Batteries**
- Radio** – Battery operated and NOAA weather radio
- Telephones** – Fully charged cell phone with extra battery and a traditional (not cordless) telephone set.
- Cash** (with some small bills) and Credit Cards – Banks and ATMs may not be available for extended periods.
- Keys**
- Toys, Books, Games and Cards**
- Important Documents** – in a waterproof container or water-tight resealable plastic bag.
 - Insurance, medical records, bank account numbers, Social Security card, etc.
- Tools** – keep a set with you during the storm
 - Duct tape
- Cleaning Supplies** – Unscented household bleach, liquid detergent
- Vehicle fuel tanks filled**

For your safety...

- ◆ Avoid downed and dangling wires when clearing debris and fallen trees. Treat all lines as if they were energized.
- ◆ Beware of standing water; it may contain power lines, contamination or other dangers.
- ◆ Be careful with fire. Avoid candles. Use battery powered flashlight and lanterns.
- ◆ Check for gas leaks. Open windows and doors to ventilate and dry your home.
- ◆ Use your telephone for emergencies only.
- ◆ If there has been flooding, have an electrician inspect your home or office before turning on the breaker.
- ◆ Use grills outdoors in a well-ventilated area.
- ◆ Do not use power tools that you are unfamiliar with.
- ◆ Do not connect portable generators to building wiring (this could cause injury or death to neighbors or lineman trying to restore power). Plug appliances directly into the generator.
- ◆ Portable generators must be run in only well ventilated areas and never inside a garage or other areas connected to the main portion of your house.

First Aid Kit

- Adhesive bandages in assorted sizes
- 2-inch sterile gauze pads (4 – 6)
- 4-inch sterile gauze pads (4 – 6)
- Hypoallergenic adhesive tapes
- Triangular bandages (3)
- 2-inch sterile roller bandages (3 rolls)
- 3-inch sterile roller bandages (3 rolls)
- Scissors
- Tweezers
- Needle
- Moistened Towelettes
- Antiseptic
- Thermometer
- Tongue depressors (2)
- Tube of petroleum jelly or other lubricant
- Assorted sizes of safety pins
- Cleansing agent/soap
- Latex gloves (2 pair)
- Sunscreen
- Anti-bacterial ointment
- Aspirin or non-aspirin pain reliever
- Cold pack
- Antacid

Pet Info and Survival Kit

Make prior arrangements with boarding facilities for sheltering your pets, as most shelters do not accept animals. Make sure all paperwork is in order and your pets are well identified (microchips, tags, etc.).

- Pet care items**
 - proper identification/immunization records/medicines
 - ample supply of food and water
 - a carrier or cage
 - muzzle and leash
 - cat litter
 - toys and/or blanket
 - treats
 - cleaning supplies (newspaper, plastic bags with ties, paper towels, disinfectant)

RIDART (Animals) <http://www.orgsites.com/ri/ridart/>
 RISPCA <http://www.rispca.com/ridart.html>

Flood Insurance

If you live in a designated flood inundation area or an area susceptible to serious flooding, be sure you have flood insurance and that the policy is in effect. Review and understand any stated deductibles or exclusions.



Rhode Island Special Needs Emergency Registry

For people with disabilities, chronic conditions, and special healthcare needs



The Rhode Island Department of Health (HEALTH) and the Rhode Island Emergency Management Agency (RIEMA) have developed a registry for **Rhode Island residents with disabilities, chronic conditions, and special healthcare needs**. By filling out this form, you will permit EMA and HEALTH to share your information with local and state emergency responders, such as your town/city police or fire department. The information that you provide may help emergency responders meet your needs during an emergency.

Instructions: To be included in this registry, please fill out one form, sign it, and send it to **RIEMA, Database Manager, 645 New London Ave, Cranston, RI 02920** OR register online at www.health.ri.gov/emregistry. If you have questions, please call 401-946-9996 (voice) or RI Relay 711 (TTY). If you cannot fill out this form on your own, please have a family member or caregiver complete the form, sign it, and send it in on your behalf.

Fields marked with an asterisk (*) are mandatory.

- New Registration Updated Registration

General Information	
NAME* (Last, First, Middle): _____	SEX: <input type="checkbox"/> Male <input type="checkbox"/> Female Year of Birth: _____
STREET ADDRESS*: _____	APARTMENT/UNIT or FLOOR: _____
CITY/TOWN*: _____	ZIP CODE*: _____
HOME TELEPHONE*: _____	TDD/TTY: _____
LANGUAGE: In what language do you prefer to receive emergency communications or assistance?	
<input type="checkbox"/> English	<input type="checkbox"/> Spanish <input type="checkbox"/> Portuguese <input type="checkbox"/> French <input type="checkbox"/> Vietnamese
<input type="checkbox"/> Chinese	<input type="checkbox"/> Hmong <input type="checkbox"/> Cambodian <input type="checkbox"/> Lao <input type="checkbox"/> Other _____
ETHNICITY: Do you consider yourself Hispanic or Latino? <input type="checkbox"/> Yes <input type="checkbox"/> No	
RACE: Check all that apply	
<input type="checkbox"/> White	<input type="checkbox"/> American Indian/Alaskan Native <input type="checkbox"/> African American/Black
<input type="checkbox"/> Asian	<input type="checkbox"/> Native Hawaiian/Pacific Islander <input type="checkbox"/> Other _____

Mobility	
Are you confined to bed?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Can you walk without assistance?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Which of the following do you use? (Check all that apply)	
<input type="checkbox"/> Wheelchair/Mobility Vehicle	<input type="checkbox"/> Walker/Cane <input type="checkbox"/> Prosthesis
<input type="checkbox"/> Crutches	<input type="checkbox"/> Other: _____
<input type="checkbox"/> Assistive Animal	<input type="checkbox"/> None of the above

Vision, Hearing, Speech, and Other Disabilities	
Are you...(Check all that apply)	
<input type="checkbox"/> Visually impaired	<input type="checkbox"/> Non-verbal
<input type="checkbox"/> Legally blind	<input type="checkbox"/> Cognitively/Developmentally delayed
<input type="checkbox"/> Hard of hearing	<input type="checkbox"/> Other: _____
<input type="checkbox"/> Deaf	<input type="checkbox"/> None of the above
<input type="checkbox"/> Speech impaired	

Life Support Systems	
Which of the following life support systems do you use? (Check all that apply)	
<input type="checkbox"/> Oxygen	<input type="checkbox"/> Respirator/Ventilator
<input type="checkbox"/> Dialysis	<input type="checkbox"/> Electrical (Pacemaker, Defibrillator)
<input type="checkbox"/> Other: _____	
<input type="checkbox"/> None of the above	
Are you insulin-dependent? <input type="checkbox"/> Yes <input type="checkbox"/> No	

NOTE: By signing this form and submitting it to the RIEMA, I agree to permit my information to be shared with local and state emergency responders. I understand that while RIEMA will share this information in order to better assist me during an emergency, they cannot guarantee assistance in **all** cases. I also understand that this is a **voluntary program**.

Signature of _____ Date: _____
 person filling out form: _____

Important Phone Numbers to Place by Phone

Charlestown Ambulance Rescue (401-364-3742 for routine calls)	401-346-7744	National Grid (electricity)	401-465-1212
Charlestown Animal Shelter	401-364-1211	Police —Charlestown Automated Information System	401-213-6920
Charlestown Building Inspector	401-364-1215	Police —Charlestown	401-364-1212
Charlestown DPW	401-364-1230	Police —RI State	401-539-2323
Charlestown Transfer Station	401-364-1220	RI Dept. of Health Office of Drinking Water Quality	401-222-6867
Charlestown Town Hall	401-364-1200	RI American Rd Cross	401-831-7700 or 800-842-1122
Cox Cable Company	401-383-2000	RI Dept. of Health Office of Drinking Water Quality	401-831-7700 x 120 or x 110
Hospital —South County	401-782-8000	Special Needs Emergency Registry Questions or RI Relay	401-946-9996 (voice) or 711 (TTY)
Hospital —Westerly	401-596-6000	Verizon Phone Co. Repair	1-800-837-4966

Family Emergency Planning Card

Use this card as a guide as you develop your family's emergency plan and make a **photocopy** for each household member.

Family Emergency Contact Information

Contact Information for each family member.

Work Number(s):

School Numbers(s):

Childcare Provider Number(s):

Cell Phone Number(s):

Out-of-State Emergency Contact Information

An out-of-state contact can help you stay in touch with other family members if you are separated during an emergency.

Name:

Phone Number 1:

Phone Number 2:

Emergency Meeting Place(s)

Choose one location outside your neighborhood and one outside Rhode Island.

Address 1:

Address 2:

Before a Hurricane

To prepare for a hurricane, you should take the following measures:

- Make plans to secure your property. Permanent storm shutters offer the best protection for windows. A second option is to board up windows with plywood cut to fit and ready to install.
- Be sure trees and shrubs around your home are well trimmed.
- Clear loose and clogged rain gutters and downspouts.
- Determine how and where to secure your boat.
- Become informed about hazards and emergencies that may affect you and your family.
- Collect and assemble disaster and medical supply kits.
- Learn where to seek shelter from all types of hazards.
- Identify the community warning systems and evacuation routes.
- Designate a family meeting place.
- Designate an emergency contact outside of your area.
- Teach your children how and when to use 911.
- Post important phone numbers by all phones.
- Prepare in advance how to care for pets when disaster strikes.
- Store extra food and water for family members as well as pets.
- Plan for utility shut-offs. If you are sure you have time, shut off water, gas, and electricity if evacuating.
- Make a record of your personal property for insurance purposes. Take photos or a video of the interior and exterior of your home. Include personal belongings in your inventory.
- Keep important documents and medical information in a waterproof container. Secure vital records off premises or include as part of a disaster supply kit.
- Have cash readily available with small bills (banks and ATM machines may not be available)
- Fill all medical prescriptions.
- Fill fuel tanks for all vehicles and generators.

During a Hurricane

- Monitor local media for emergency instructions
- Stay indoors. Stay away from doors and windows. Locate a safe room or area in the interior of your home.
- Do not go outside in the calm of the hurricane "eye". In the "eye" winds and rain may stop for a few minutes or more than an hour. Beware—winds will return with greater intensity from the opposite direction.
- Call 911 ONLY for emergencies. Avoid using the telephone unless necessary.

Are you prepared?



American Red Cross Pre-Packed Disaster Kits

and First Aid Kits may be purchased on-line at www.redcross.org

or

by calling 401-831-7700 x120 or x110 or by contacting the company of your choice.

Evacuation Procedures Routes & Signage



The Charlestown Emergency Management Agency will commence tracking of any hurricane with the potential of taking a path along the Atlantic coastline five days prior to a potential arrival here in the Northeast. Should technology and advisories from the National Weather Service and the National Hurricane Center indicate a path that could pose a threat in this area, our local Emergency Operations

Center will be staffed 24/7 and closely monitor the storm's path, wind velocity and potential for storm surge. Should conditions and advisories warrant, mandatory evacuation of Charlestown coastal areas will be ordered and commence no later than (32) hours prior to anticipated storm arrival. Following is some vital information regarding evacuation procedures, routes and posted signage:

If ordered to evacuate, you should leave right away and have provisions in place for lodging, food and personal care at a designated destination.

When leaving the area, use the State established community evacuation routes, which will lead you directly away from the coastline to the closest major highway of travel (I-95). The routing for Charlestown is as follows:

- ◆ Residents leaving via West Beach Rd. or any Rd. west (south) of West Beach Rd. will be directed onto Rt. 216 and to I-95.
- ◆ All other Charlestown residents will be directed onto Rt. 2, then onto Rt. 112 to Rt. 138 and onto I-95.
- ◆ To view evacuation routing, visit the State website at www.riema.ri.gov/ and click on Hazards. Scroll down to Rhode Island Hurricane Evacuation Maps. Click on Charlestown or any other community to view.
- ◆ Note the blue evacuation signs that are installed within coastal areas and the designated evacuation routes. By following the signage, people not familiar with local roads will be aided in leaving the area via the most direct route.
- ◆ Routes within each Rhode Island community have been designated so as not to impact the evacuation of adjoining communities. Please cooperate.

Plan to leave the area and have a definite destination. It is recommended that you travel to a local hurricane certified shelter where you will receive lodging, food and water. Under these conditions, further travel is not advised since other serious problems might be incurred. A certified managed shelter will provide you with a high degree of safety and security and remove much of the stress that might result from possibly being stranded on a highway.

If you go to a Shelter...

Charlestown residents, renters and tourists should be advised that the designated hurricane certified shelter is the Chariho Middle School located on Switch Rd. in Richmond. To reach the shelter, take Rt. 2 onto Rt. 112 and make a left onto Rt. 91. Travel west on Rt. 91 for approximately (3) miles and go right onto Switch Rd. The Chariho School Campus is located on the left about (1) mile from Rt. 91. The Middle School is located at the rear of the Campus. A limited number of directional shelter signs have been installed along the major routes. These can be observed with a red cross (+) in the middle of the sign.

Although the Charlestown Elementary School might suffice under other states of emergency, it does not meet wind sheer requirements and thus does not qualify as a Red Cross hurricane certified shelter. The Chariho Middle School offers excellent facilities to accommodate shelter requirements for an extended period of time that might involve a number of days. Shelter Team volunteers are trained in areas of registration, administering of CPR/AED, basic first aid, mass care including food and dormitory lodging, communications and security. Shelter patients will be encouraged to volunteer their services in areas where assistance may be needed.

Basic shelter supplies are stored within the community and will be available at the time of shelter opening. Arrangements are in place to utilize school food inventories, kitchen facilities and cafeteria areas. In addition, the Middle School offers excellent male and female locker room areas with ample bathroom and shower facilities. In addition to being a safe structure, the facility offers a lot of comfort opportunities for all age groups. Residents should not envision this facility as being similar to some of those that were depicted along the Gulf Coast following hurricane Katrina.

Charlestown is continuing to recruit and build its Shelter Team staffing. Please see volunteer information on front page of this newsletter.

After the Storm

RENTERS MAY NOT BE ALLOWED BACK INTO RENTAL PROPERTIES

After a disaster, you may be without power, water, food or any of the services and businesses we rely on. Immediate response may not be possible, so residents must be prepared to be self-reliant for days.

- ◆ Continue listening to local radio/TV for information.
- ◆ If you evacuated, return home only after local officials tell you it is safe.
- ◆ Stay away from floodwaters.
- ◆ Help those who may need special assistance and give first aid where appropriate.

WHAT TO BRING TO A SHELTER: (Refer to complete Disaster Kit List on Page 2)

- Personal hygiene items
- Bedding such as sleeping bags, air mattresses and pillows for your own use (blankets and cots will be provided)
- Non-perishable snacks and personal meals
- Extra change of clothing
- Personal items (medications, eyeglasses, hearing aid, flashlights, toothbrushes, battery-operated radio, special diet foods, if appropriate)
- Baby supplies; ample amounts of baby food, formula, juice, diapers and wipes, and a stroller, portable crib or playpen
- Driver's license, other identification
- Cash, traveler's checks
- Important documents
- First Aid Kit
- Cards, Games, Books

WHAT NOT TO BRING TO A SHELTER:

- Weapons or explosive devices
- Intoxicating beverages
- Illegal drugs

After the Storm continued...

- ◆ Stay on firm ground and avoid disaster areas.
- ◆ Avoid loose or dangling power lines and report them to the Power Company, police or fire department.
- ◆ Enter your home or any building with caution.
- ◆ Wear sturdy shoes and do not enter if there is water around the building.
- ◆ Use flashlights to examine walls, floors, doors, staircases and windows. Inspect foundations for cracks and make sure the building is not in danger of collapsing.
- ◆ Look for fire hazards such as flooded electrical circuits or submerged furnaces and appliances.
- ◆ Check for gas leaks. If you smell gas or hear a hissing noise, open a window and leave quickly. Turn off gas at the outside main valve, or propane tank, and call the gas company from a neighbor's home.
- ◆ Look for electrical system damage. If you see sparks or frayed wires, turn off the electricity at the main fuse box or circuit breaker. If you have to step in water to get to the fuse box or circuit breaker, call an electrician first for advice.
- ◆ Check for septic and well contamination damage. If you think sewage lines are damaged, don't use toilets and call a plumber. If water pipes are damaged, don't use tap water.
- ◆ Watch out for animals/poisonous snakes that may have entered the building with floodwaters.
- ◆ Take pictures of the damage for insurance claims.
- ◆ Avoid drinking or preparing food with tap water until officials tell you it is not contaminated.
- ◆ Open windows and doors to dry and ventilate your home.

Re-entry Into Evacuated Areas

RENTERS MAY NOT BE ALLOWED BACK INTO RENTAL PROPERTIES

Following evacuation, all roads leading into those areas will be blocked off by Police, Fire or Military personnel until such time that it is determined that re-entry by residents or contractors is deemed to be safe and advisable. To the extent possible, security for all of these areas will be provided. In order to assure for public safety and security concerns, a re-entry policy has been put in place. Residents, renters and contractors should make note of the following procedures to be followed to gain re-entry into evacuated areas:

Status for re-entry into evacuated areas will be made available to the public as part of periodic news releases made through various media resources.

Residents will be required to appear at Town Hall with photo identification and obtain a re-entry pass following confirmation of ownership for a particular property. Re-entry passes will be issued at the Tax Assessor's office area within Town Hall.

Contractors seeking re-entry must be duly licensed in Rhode Island, present a copy of a contract or notarized letter from the property owner authorizing access to the owner's property and subsequently obtain a re-entry pass.

Re-entry passes are stamped, dated and contain an expiration date. Passes are not transferable to any other parties.

Only after public safety and security are deemed to be under control within the community by the Charlestown Police Department and the Charlestown Emergency Management Agency, will the re-entry requirements be removed.

Structure Status:

- A. **UNSAFE (Red Card)** - Do Not Enter or Occupy
- B. **RESTRICTED USE (Yellow Card)** - Restriction Listed on Card
- C. **INSPECTED (Green Card)** - Lawful Occupancy Permitted



Repairs

- ◆ Take video or photos of all damage before repairs and keep receipts for insurance purposes.
- ◆ Contact your insurance company. Have your policy readily available so you can refer to the extent of your coverage.
- ◆ Make temporary repairs to correct safety hazards and minimize further damage. This may include covering holes in the roof, walls or windows and debris removal.
- ◆ Protect yourself from contractor fraud. Only hire licensed contractors to do repairs. Check with your local building department. Phone 401-364-1215.
- ◆ Contact your local building department to obtain required permits for demolition or repairs 401-364-1215.

DISINFECTION OF WELLS

1. Pour two cups of household bleach (5.25%) or a proportionately smaller amount of a stronger solution mixed with two gallons of water down along the well casing. This is adequate for a typical well (100' deep & 4" diameter). For deeper/shallower or wider/narrower wells, use proportionately different amounts.
2. Operate the well pump until the piping system is full of chlorinated water from within the well indicated by a chlorine odor from each faucet.
3. Allow chlorine to remain in the well and piping system overnight.
4. Pump the water to waste or use for non-consumptive purposes until no odor of chlorine is detected.
5. Allowing time for conditions to stabilize, arrange for a bacterial examination with the appropriate state agency or a HEALTH licensed laboratory to ensure the disinfection procedure was successful. Contact the HEALTH Office of Drinking Water Quality at 401-222-6867 if you have any questions.

HEAT DISINFECTION

1. Strain cloudy water through a clean cloth into a container to remove any sediment or floating matter. If water is clear, omit the step.
2. Boil the water vigorously (rolling boil) for at least one full minute.
3. After allowing the water to cool, it is ready to use. To improve taste, add a pinch of salt to each quart of boiled water or pour it back and forth from one clean container to another several times.

CHEMICAL DISINFECTION

Use fragrance—or additive-free bleach.
Read the label to find the % chlorine.

% Chlorine	Drops added per quart	
	Clear Water	Cloudy Water
4 to 6%	2	4
7 to 10%	1	2
Unknown	10	20

1 teaspoon equals approximately 100 drops.

1. Mix thoroughly by stirring or shaking the water in the container.
2. Let water stand 30 minutes.
3. A slight chlorine odor should be present in the water. If not, repeat the dosage and let stand an additional 15 minutes.
4. Water is now safe to use.

**Police Automated
Information System
401-213-6920**