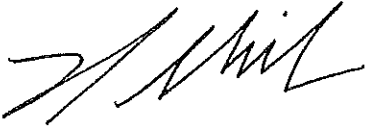




Eastern Highlands Health District

4 South Eagleville Road • Mansfield CT 06268 • Tel: (860) 429-3325 • Fax: (860) 429-3321 • Web: www.EHHD.org

Memo

To: Steven Werbner, Tolland Town Manager 
From: Robert L. Miller, MPH, RS, Director of Health
CC: Clem Langlois
Date: 9/23/2011
Re: Tolland NaCl Water Monitoring –Year Three - Final Report

Background

At the request of the Town of Tolland, this office developed and implemented a basic program to monitor sodium chloride (NaCl) influences to water quality in town. The program was prompted by concerns associated with changes in the Department of Public Work's snow and ice removal program. The program objective is to identify and characterize the impact of NaCl in surface water and groundwater, for those locations tested.

Method

A simple water quality survey approach was selected for the purposes of this project. Six surface water locations and two private well locations were selected for inclusion in the monitoring program. (Please see the attached Table I for the inventory of sampling locations, and Map I for the geographical locations.) Total sodium and chloride analyte data from each of the eight selected locations was obtained from direct environmental sampling by the Eastern Highlands Health District, or obtained from other data sources, such as the State Health Department, or Department of Environmental Protection. Baseline analyte data for Sodium and Chloride was obtained prior to the 2008/2009 winter season for each location, with post-winter data obtained annually for a three-year period. Upon completion of the three-year period, the program will be evaluated for possible changes that may include program continuation with modifications, or a cessation of program activities.

The eight data point locations selected have varying characteristics. Locations number 1 and 2 are larger water bodies with large watersheds. Location number 3 is a moderately sized water body. The road system within the watershed for location number 3 is predominately town roads. Locations 4 and 5 are private dug wells on properties fronting town roads. Locations 6 and 7 are small tributaries/streams in close proximity to town roads. The road system within the watersheds for locations 6 and 7 are predominately town roads. Location number 8 is the primary outfall for Tolland Marsh. This is a moderately sized water body. The road system within in the watershed for location number 8, while containing some town roads, predominately comprises State of Connecticut roads.

Results (Final Report)

The surface water baseline range for chloride is 18.5mg/l to 84mg/l, with a mean of 33.8 mg/l.

The surface water year three post-winter range for chloride is 21.6 mg/l to 91mg/l, with a mean of 57.7 mg/l.

The surface water baseline range for sodium is 1.8mg/l to 38.5 mg/l, with a mean of 16.2mg/l.

The surface water year three post-winter range for sodium is 12.9 mg/l to 100 mg/l, with a mean of 42.9 mg/l.

For the two private well locations the baseline chloride mean is 48 mg/l, with the year three post-winter chloride mean at 207 mg/l.

For the two private well locations the baseline sodium mean is 28.5 mg/l, with the year three post-winter sodium mean at 119.5 mg/l.

Please see attached Table I for the results of the two private well locations, and the balance of test results for the three year monitoring period.

Discussion

The third year data report increases of both sodium and chloride levels in post-winter testing results, as compared to baseline results at all monitoring locations. This data is consistent with the prior two years of testing. There is no public health standard for NaCl in surface water.

Of note, location 4 (a private well located on Old Stafford Road) exceeded the EPA Secondary Maximum Contaminant Level (MCL) for Chloride at the time of the April 5th testing. Follow up re-sample results taken on August 16th show a decrease in Chloride levels to below the EPA MCL. Site specific conditions such as the proximity of the well to both the town road, and road storm drainage, site topographical characteristics, corresponding elevated Na levels, and the timing of sampling suggest that road salt applications may be contributing to the NaCl levels in this water supply. However, the development of additional data would be appropriate before such a conclusion is made.

With few exceptions, surface water sampling locations influenced by larger watersheds have lower NaCl levels than sampling sites served by smaller watersheds in both baseline and post-winter testing. This notion is supported when comparing the data between the Crandall Pond location number 3 and the Tolland Marsh (Anderson Road) location number 8. (Crandall Pond is within the larger watershed that serves Tolland Marsh.) Additionally, the site served by the largest watersheds (Willimantic River) report out smaller levels of NaCl than either Tolland Marsh, or Crandall's Pond.

These results do show an increase in NaCl levels from baseline to post-winter periods. An increase from baseline to post-winter sampling is not unexpected, given the application of NaCl to town and state roads. **However, for each of the three post-winter periods tested the data demonstrates that dilution plays a critical role in mitigating the NaCl impact to surface water quality; and, will continue to do so. From a public health perspective, based on data currently available, the results do not suggest a community-wide condition that is considered detrimental to public health.**

Recommendations

- Based on the data currently available, continued monitoring of the surface water study sites is not warranted.

- Based on the data currently available, continued monitoring of the private well site on Grant Hill Road is not warranted.
- Continued monitoring of the private well site on Old Stafford Road is recommended to provide additional data needed to further assess risk to this private water supply. (As this office has recently become aware of a concern regarding elevated NaCl in a private well at 58 Robbie Road. This agency will incorporate additional testing of the Old Stafford Road site into agency plans to investigate 58 Robbie Road.)

Please feel free to contact my office with any questions or concerns.

Tolland Water Quality Monitoring Sites - MAP 1



Table I Tolland NaCl Water Monitoring

Location Name	Sample type	Location Map Reference #	Analyte	Date	Baseline Result (mg/l)	Date	1st year Result (mg/l)	Date	2nd year Result (mg/l)	Date	3rd year Result (mg/l)	re-sample
Shenipsit Lake	surface water	1	Chloride	6/17/2008	22.1	5/7/2009	18	NA	NA	NA	NA	
Willi River, Merrow	surface water	2	Sodium Chloride	11/24/2008	1.8	3/5/2009	1.8	3/9/2010	12.1	1/3/2011	12.9	
				11/24/2008	18.5	3/5/2009	21.4	3/9/2010	20.3	1/3/2011	21.6	
Crandall Pond	surface water	3	Sodium Chloride	12/9/2008	19	3/30/2009	29	3/31/2010	22	4/5/2011	43	
				12/9/2008	40	3/30/2009	59	3/31/2010	38	4/5/2011	75	
Old Stafford - private well	ground water	4	Sodium Chloride	12/9/2008	37	3/30/2009	93	3/31/2010	87	4/5/2011	200	49
				12/9/2008	58	3/30/2009	210	3/31/2010	180	4/5/2011	340	8/16/2011
Grant Hill Rd - private well	ground water	5	Sodium Chloride	12/9/2008	20	3/30/2009	23	3/31/2010	28	4/5/2011	39	
				12/9/2008	38	3/30/2009	44	3/31/2010	60	4/5/2011	74	
Gehring Road	Surface water	6	Sodium Chloride	11/25/2008	38.5	3/30/2009	70	3/31/2010	70	4/5/2011	100	
				11/25/2008	84	3/30/2009	140	3/31/2010	110	4/5/2011	91	
Tony Road	surface water	7	Sodium Chloride	11/25/2008	9.8	3/30/2009	18	3/31/2010	23	4/5/2011	22	
				11/25/2008	19	3/30/2009	36	3/31/2010	38	4/5/2011	39	
Anderson Road	surface water	8	Sodium Chloride	12/16/2008	12	3/30/2009	24	3/31/2010	14	4/5/2011	37	
				12/16/2008	19	3/30/2009	48	3/31/2010	25	4/5/2011	62	

PRIVATE DRINKING WATER IN CONNECTICUT



Publication Date: May 2009

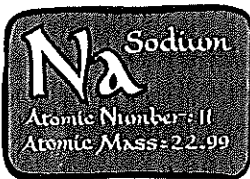
Publication No. 22: Sodium Chloride in Private Drinking Water Wells

The U.S. Environmental Protection Agency (EPA) does not regulate private wells. Private well owners are responsible for the quality of their drinking water. Homeowners with private wells are generally not required to test their drinking water. However, they can use the public drinking water standards as guidelines to ensure drinking water quality. Refer to Publication # 23 *Private Drinking Water Standards* for more information.



The Secondary Maximum Contaminant Level (SMCL) for chloride is 250 milligrams per liter (mg/l) as established by the EPA. There is no standard set for sodium in water. However, EPA has recommended that sodium levels in water not exceed 20 mg/l for individuals on "no salt diets." Connecticut's current "notification level" is 28 mg/l for individuals on low sodium diets and receiving water from a community water system. Individuals should notify their physician to assure that the ingested sodium in water has been considered.

Introduction



Sodium and chloride occur naturally in groundwater. However, sources such as road salt storage and application, industrial wastes, sewage, fertilizers, water softener discharge, and proximity to saltwater are usually the cause of elevated levels in drinking water supplies. This can be a concern for people on low-sodium diets. Elevated levels of sodium and chloride can also interfere with taste, the watering of certain plants, and increase the corrosivity of water, which in turn can affect the

household plumbing. Identifying and eliminating the source of contamination is the first step. Installing a new well or purchasing bottled water may be appropriate solutions. Home treatment options include reverse osmosis and distillation.

Potential Health Effects

Sodium in our diets results mainly from eating table salt found within many food products. Sodium in drinking water normally presents no health risks, as about 99 percent of the daily salt intake is from food and only about one percent from water. However, elevated sodium in well water may be considered a health concern for those on a salt-restricted diet. Individuals on a low sodium diet due to a high blood pressure or other medical problems are often restricted to water containing less than 20 milligrams per liter of sodium. Consult your physician if your drinking water exceeds such a level.

All ion exchange treatment systems using sodium chloride water softeners will increase the amount of sodium in water. If this type of treatment system is installed in the home, arrange to test the treated tap



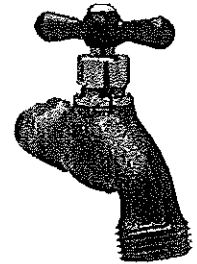
Produced by The State of Connecticut Department of Public Health
Environmental Health Section, Private Well Program
450 Capitol Avenue, MS#51REC, PO Box 340308, Hartford, CT 06134
Phone: 860-509-7296 Fax: 860-509-7295



water for sodium levels if people in the household are on low salt diets. Some of these units use potassium chloride rather than sodium chloride. It is also important to monitor potassium levels in the treated water. Consult your physician.

Indications of Sodium Chloride in Drinking Water

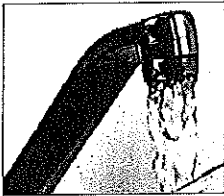
High chloride levels cause corrosion and shorten the life of pipes, pumps, hot water heaters, and plumbing fixtures. Chloride concentrations in excess of about 250 milligrams per liter usually produce a noticeable taste in drinking water. An increase in chloride content in well water may indicate possible pollution from a sewage source, particularly if the normal chloride content in surrounding wells is known to be low. In this case, also have your water tested for bacteria. In addition, you may also want to conduct a detergent test.



Testing for Sodium Chloride in Private Drinking Water Wells

To determine if sodium or chloride is present, arrange to test your drinking water at a state certified laboratory. Follow the laboratory's instructions carefully to avoid contamination and to obtain a good sample. Home test kits may not provide accurate results. Refer to Publication # 24 *Residential Well Water Testing* for more information.

Corrective Action



If chloride is present in well water at concentrations above the SMCL, arrange to test the water periodically to determine if any upward trend exists. If concentrations are clearly increasing with time, an effort should be made to define the source of contamination and take steps to eliminate the source. If you cannot locate and remove the contamination source, consider using bottled water for infants in the household. A new well may be the best solution over the long term.

Treatment methods for sodium and chloride include reverse osmosis and distillation. If sodium levels in your well water are moderately high (over 100 milligrams per liter) small treatment units are available that will produce three to ten gallons of water per day (enough for the usual drinking and cooking needs).

For more information on these treatment options, please see Publications:

#7 Distillation Treatment of Drinking water Systems

#21 Reverse Osmosis Treatment of Private Drinking Water Systems

When choosing a treatment method, consider both the initial cost and the operating expenses. Operating expenses include the energy needed to operate the system, additional water that may be needed for flushing the system, consumable supplies and filters, repairs, and general maintenance.

Regardless of the quality of the equipment purchased, it will not operate well unless maintained in accordance with the manufacturer's recommendation. Keep a logbook to record equipment maintenance and repairs. Equipment maintenance may include periodic cleaning and replacement of some components. Also consider any special installation requirements that may add to the equipment costs. For more information, refer to Publication #19 *Questions to Ask When Purchasing Water Treatment Equipment*.

Bottled water is an alternative. Read the label to determine the sodium content in the bottled water. See Publication #5 *Frequently Asked Questions about Bottled Water* for more information.



Protection of Private Drinking Water Supplies

You can protect your private well by paying careful attention to what you do in and around your home as well as your neighbor's activities near your well. Regular testing and adopting practices to prevent contamination can help ensure that your well supplies you and your family with good quality drinking water. For more information on well protection, see Publication #23 *Private Drinking Water Standards*.

For more information please click on the following links:

EPA Office of Groundwater and Drinking Water

<http://www.epa.gov/ogwdw/>

EPA New England

<http://www.epa.gov/region01/>

Adapted from *Healthy Drinking Waters for Rhode Islanders*, University of Rhode Island Cooperative Extension, April 2003.

Source
New Hampshire Dept. of
Transportation

RECOMMENDED SNOW AND ICE TREATMENTS PER LANE MILE			
CONDITIONS	TEMPERATURE	TYPE 1A & 1B	TYPE 2 & 3
Sleet & Freezing Rain	Variable	Salt 300 lbs. per lane mile and/or abrasive as needed.	Salt 300 lbs. per lane mile and/or abrasive as needed. (2)
Snow	20° and up	Salt 250 lbs. per lane mile. (1)	Salt 250 lbs. per lane mile. (2)
Snow	Below 20°	Salt 250 lbs. per lane mile. (2&3)	Abrasive-Chemical Mix

- (1) For exceptionally high volume roads where traffic will enhance the action of the salt, this rate may be decreased to 200 lbs. per lane mile.
- (2) Abrasive – chemical mix may be needed at extremely low temperatures or on very lightly traveled highways.
- (3) An alternative low temperature treatment is to use a chemical mix of 2 parts salt to 1 part calcium chloride at 200 lbs. per lane mile.

Chemicals or mixes are normally applied to the middle 1/3 of pavement width and on the high side of banked curves. Spread width may be increased or decreased depending on the action of traffic. Materials are applied early in the storm so that a brine develops on the pavement and prevents build-up of packed snow. It takes much less deicing chemical to remove compacted snow when the treatment is placed between the pavement/snow layer than if it is placed on top of the snow. If snow continues and accumulates on the pavement, plowing should continue and additional chemical or mix treatments should be made if compaction develops.

There are many additional circumstances which will necessitate modification to these treatments. Some of these circumstances are:

1. Rising or falling temperatures.
2. When pavement is cold and dry and snow is falling, chemicals are not applied. Plowing and treatment of icy spots, if they develop, is recommended.
3. As stated in footnote (2) an abrasive-chemical mix may be needed at extremely low temperatures or on very lightly traveled highways. Under these conditions the effectiveness of salt is reduced and abrasives may be needed for traction.

TOLLAND SALT/SAND/CALCIUM CHLORIDE USE

	05/06	06/07	07/08	08/09	09/10	10/11
Salt (tons)	2,150	2,400	2,000	3,248	2,646	2,879
Sand (cubic yards)	7,000	4,500	3,500	--	--	--
Calcium Chloride (gallons)	--	15,000	12,000	6,000	--	--
Anticipated Usage of Salt	--	--	--	4,000	3,900	3,900
Price Per Ton for Salt				\$74.65	\$75.95	\$75.95

Use of salt has been reduced from what was originally anticipated based on the installation of hydraulic sanding controls on vehicles that regulate the application of salt. Also temperature gauges that measure the temperature of the pavement are utilized. We now use 150 pounds of salt per lane mile. Originally it was anticipated that we would use between 250-300 pounds per lane mile which is a standard used by many other local and state agencies.

SUMMARY BUILDING REPORT - FISCAL YEAR

SEPTEMBER, 2011

Permits	This Month	\$10 permits	Last Month	Year to Date	This Month		Last Year to Date
					Last Year	Last Year	
Single Family Dwelling	2		1	4	0		2
Foundation Only	1		3	5	0		2
Commercial/Industrial	1		0	5	3		4
Commercial Foundation	0		0	0	0		0
Municipal	0		1	4	0		2
Addition	1		0	2	1		5
Garage	4		3	8	1		4
Deck/Porch	5		4	17	7		22
Roofing/Siding	9		10	32	9		24
Swimming Pool	3		3	8	3		10
Stove Wood/Gas/Pellet	8		3	17	5		10
Sheds	8		5	17	6		15
Signs	1		0	2	1		3
Interior Renovation	3		1	6	3		12
Hot Tub	0		0	0	0		0
Misc/Repair	7		10	27	8		19
Total	53		44	154	47		134
Electric	29	12	17	61	16		72
Plumbing	10	3	7	19	5		23
Heating	16	2	8	45	19		40
Total	55	17	32	125	40		135
Grand Total Permits	108		76	279	87		269
Permit Fees	\$18,228.26		\$11,274.80	\$44,032.62	\$8,776.00		\$30,201.94
Construction Value	\$1,302,330.27		\$1,028,558.05	\$3,447,827.82	\$639,584.00		\$2,262,493.25
Certificates of Comp.	16		6	24	0		0
Certs of Occup.(New Structure)	0		2	3	2		0
Other Certs of Occup	0		17	18	0		15
Inspections	89		133	348	126		398



Connecticut State Police
Tolland Resident Trooper's Office



MEMO

To: Steve Werbner – Town Manager
From: Sgt. Scott A. Smith – Resident Trooper Sergeant 545281
Date: October 3, 2011
Subject: Statistics for the Month of September 2011

Attached you will find the September 2011 monthly statistical report.

mdn

Resident Trooper's Office
21 Tolland Green
Tolland, CT 06084
(860) 875-8911 Telephone
(860) 870-6407 Facsimile

LAW ENFORCEMENT MONTHLY REPORT FOR: September 2011

TOTAL CALLS FOR SERVICE:	736				
CRIMINAL INVESTIGATIONS		ACCIDENT INVESTIGATIONS		MISCELLANEOUS SERVICES	
Fraud	0	Accidents	19	Resident Troopers Duties	121
Murder	0	Accidents with Injuries	0	Alarm Responses	32
Forcible Rape	0	Other Accidents, Car vs. Deer (No Report)	0	Suspicious Vehicle, Persons, Incidents	25
Robbery	0	Pedestrian in Accidents	0	Trespassing Complaints	0
Assault	0	Fatal Accidents	0	Lost & Found Property	1
Burglary	1	Number of Persons Killed	0	Juvenile Problems	0
Larceny	2	Accidents, DWI	0	Animal Problems	0
Motor Vehicle Theft	0	TOTAL	19	Missing Person / Then located	1
Arson	0			Assist Motorists Other Roads	0
Forgery	0			Assist Motorists	39
Identity Theft	0			Assist with Traffic Hazards	
Vandalism	1	MOTOR VEHICLE ENFORCEMENT		Remove Traffic Hazards	5
Weapons Violations / Compliance	2			Vehicle Fires	0
Prostitution	0	Summons	102	Abandoned Vehicles	3
Sex Offenses	0	Warnings	62	Disturbance Calls (No Report)	3
Sale of Drugs/Possession	0	TOTAL CONTACTS MADE	164	Domestic Disputes	0
Offenses Against Family & Children	0			Assist Fire Department (Fires)	0
Driving Intoxicated	6			Assist Ambulance	8
Liquor Laws	9			Vehicle Repossessions	0
Disturbance Calls (Report)	1			Use of Force	0
All other Offenses	0			Fingerprint Applicants	31
(Except Traffic)	0			HCP Inspections	0
Curfew & Loitering	0			Patrol Checks	196
Run Aways (Under Age 18)	0			K9 Tracks	4
Non-Criminal	0			Assist Citizens	45
Sex Offender Registration	0			Assist Other Agency	9
Prawn Warrant	1			OSHA Reports	0
Medical Assists / EC	6			TOTAL	523
Disturbances	0				
Untimely Death	1				
Fugitive from Justice	0				
TOTAL	30				

OCTOBER/NOVEMBER 2011

12th Annual Cider Mill 5K & Family Fun Run

October 1, 2011, 8:00 AM (Registration)
Crandall Park

Fire Department Open House

October 1, 2011, 10:00 AM
Fire Training Center, 191 Merrow Road

Tolland Water Commission

October 3, 2011, 6:30 PM
Council Chambers

"Lute Songs From Shakespeare's Time"

October 4, 2011, 7:00 PM
Arts of Tolland, 22 Tolland Green

Economic Development Commission

October 5, 2011, 7:30 AM
Council Chambers

Tolland Energy Task Force

October 5, 2011, 7:00 PM
Council Chambers

Democratic Town Committee

October 6, 2011, 7:30 PM
Community Room

Columbus Day Holiday

October 10, 2011
Town Hall/Library Closed

Town Council

October 11, 2011, 7:30 PM
Council Chambers

Board of Education

October 12, 2011, 7:30 PM
Council Chambers

Republican Town Committee

October 13, 2011, 6:30 PM
Community Room

Conservation Commission

October 13, 2011, 7:00 PM
Council Chambers

Town Council/Board of Education Hour

October 15, 2011, 3:00 PM
Library Program Room

Walk of King Riverside Conservation Area

October 16, 2011, 1:00 PM
55 Dimmock Rd., off Rt. 195 across from Pumpkin Paul's

Planning & Zoning Commission Workshop

October 17, 2011, 7:30 PM
Council Chambers

Parks & Recreation Advisory Board

October 17, 2011, 7:30 PM
Conference Room A

Water Pollution Control Authority

October 18, 2011, 6:00 PM
Council Chambers

Special Council/Water/WPCA Meeting

October 18, 2011, 7:30 PM
Community Room

Tolland Housing Authority

October 19, 2011, 9:00 AM
763 Tolland Stage Road

Tolland Green Historic District Commission

October 19, 2011, 7:00 PM
Conference Room A

Water Pollution Control Authority Workshop

October 20, 2011, 6:00 PM
Conference Room C

Inland Wetlands Commission

October 20, 2011, 7:00 PM
Council Chambers

Veterans Recognition Commission

October 20, 2011, 7:00 PM
6th Floor Small Conference Room

Fall Floral Arranging with UConn Hort Club

October 23, 2011, 1:00 & 3:00 PM
Hicks-Stearns Museum, 42 Tolland Green

Hike of Palmer Kendall Mt. Conservation Area
October 23, 2011, 1:00 PM
North Side of Kendall Mt. Road between
Sugar Hill Road and Cook Road

Planning & Zoning Commission
October 24, 2011, 7:30 PM
Council Chambers

Town Council
October 25, 2011, 7:30 PM
Council Chambers

Board of Education
October 26, 2011, 7:30 PM
Council Chambers

Conservation Commission Workshop
October 27, 2011, 7:00 PM
Conference Room A

Zoning Board of Appeals
October 27, 2011, 7:30 PM
Council Chambers

Permanent Celebration Committee
October 27, 2011, 7:30 PM
6th Floor Small Conference Room

Connecticare-Medicare - Free Info Session
October 31, 2011, 10:30 AM
Library Program Room

Economic Development Commission
November 2, 2011, 7:30 AM
Council Chambers

Tolland Energy Task Force
November 2, 2011, 7:00 PM
Council Chambers

Inland Wetlands Commission
November 3, 2011, 7:00 PM
Council Chambers

Conservation Commission
November 3, 2011, 7:00 PM
Conference Room A

Design Advisory Board
November 3, 2011, 7:00 PM
Conference Room C

Democratic Town Committee
November 3, 2011, 7:30 PM
Community Room

Tolland Water Commission
November 7, 2011, 6:30 PM
Council Chambers

Election Day
November 8, 2011, 6:00 AM
Hicks Memorial Municipal Center & Senior Center

New Town Council - Organizational Meeting
November 9, 2011, 7:30 PM
Council Chambers

Board of Education
November 9, 2011, 7:30 PM
Place To Be Determined

Permanent Celebration Committee
November 9, 2011, 7:30 PM
6th Floor Small Conference Room

Town of Tolland
Monthly Animal Control Report

Month of
August 2011

Activity	This Month	Last Month	Year to Date	This Month Last Year	Last Year To Date
Complaints Received	96	101	197	113	223
Complaints Investigated	96	101	197	113	223
Animals Impounded	9	8	17	10	14
Animals Redeemed	7	8	15	3	7
Ads Placed	0	0	0	0	0
Animals Sold	1	0	1	0	2
Animals Euthanized	0	0	0	1	1
Notices to License	8	2	10	504	572
Summons Issued	0	1	1	0	0
Animals on Hand End of Month	2	1	3	0	2
Animal Bites Reported (Human)	0	0	0	1	6
Animal Bites Reported (Animal)	0	0	0	2	2
Deceased Animals on Roadways	2	0	2	1	1

Town of Tolland
Monthly Animal Control Report

Month of
September 2011

Activity	This Month	Last Month	Year to Date	This Month Last Year	Last Year To Date
Complaints Received	106	96	303	107	330
Complaints Investigated	106	96	303	107	330
Animals Impounded	20	9	37	10	24
Animals Redeemed	13	7	28	2	9
Ads Placed	3	0	3	1	1
Animals Sold	2	1	3	2	4
Animals Euthanized	2	0	2	1	2
Notices to License	328	8	338	178	750
Summons Issued	0	0	1	0	0
Animals on Hand End of Month	3	2	6	1	3
Animal Bites Reported (Human)	1	0	1	0	6
Animal Bites Reported (Animal)	1	0	1	3	5
Deceased Animals on Roadways	1	2	3	0	1

SUMMARY MONTHLY REPORT – HIGHWAY DEPARTMENT

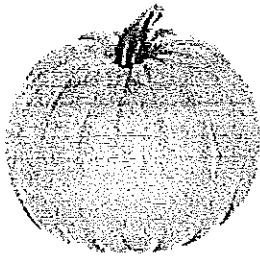
HOURS FOR THE MONTH OF AUG. 2011

ACTIVITY CODES	THIS MONTH	LAST MONTH	YEAR TO DATE	THIS MONTH LAST YEAR	LAST YEAR TO DATE
7064. Street Lights and Traffic 79	130	100	230	200	260

7065 Highway

ACTIVITY CODES	THIS MONTH	LAST MONTH	YEAR TO DATE	THIS MONTH LAST YEAR	LAST YEAR TO DATE
001. Administrative 67	0	0	0	0	0
850. Drainage 71	405	756	1,161	820	1,175
851. Oiling 72	0	0	0	0	0
852. Paving 73	335	55	390	573	1,406
853..Mechanical Maintenance 74 74 OT STORM IRENE 37	270	240	510	260	535
855. Supportive Services 75	0	0	0	0	10
856. Highway Maintenance 76 76 OT STORM IRENE 267	840	253	1,093	425	725
857. Unimproved Roads 77	83	164	247	0	60
858. Snow and Ice Control 78	0	0	0	0	0

7064&7065	FOR MONTH	YEAR TO DATE
Working Days	21	36
Regular Hours	2063	3,631
O.T. Hours	304	304
Spare Drivers	0	0
Hired	0	0



October 2011

Senior Happenings

Dedicated to Tolland's Senior Citizens

Hi Folks: On behalf of the Senior Citizens, I'd like to take this opportunity to commend all the volunteers and Town staff for the fabulous job they all did after Hurricane Irene. Many of us were without power and water during the aftermath and the individuals who helped our community deserve a huge thank you. If you were not aware, our Senior Center was open for hygiene/showers and more than 200 residents took advantage of that provision.

During the Fireman's Barbeque, we were informed of the "Lock Box" Program that is offered here in Tolland. Basically, you give a house key to the Fire Department, they install a lock box to keep it secure and place it somewhere on your property. In the unlikely event of a fire/emergency this would allow the first responders entry without damage to your doors or windows. I think this is a wonderful idea and would offer peace of mind to many. If you are interested in this, there will be a sign up sheet here at the Senior Center. Then I will take this list to the Fire Department and they will connect with you.

I would like to thank all you bakers for making another Red Cross Blood Drive so successful. Thanks for stepping up to the plate and bringing in all the goodies and special thanks to Dave and Doreen Shaw for manning the canteen. It seems the same people volunteer over and over. We would welcome any new-comers who may be looking for ways to make their lives more meaningful – volunteering time and energy to such worthy causes has big payoffs.☺

Can you believe it's that time of year again?? **Our Senior Banquet** is right around the corner. This is scheduled for **Thursday, October 20th** with doors opening at **5:30 p.m. (promptly)**. The charge will be \$10.00 per person. Very well known throughout New England, Tom Callahan will be with us for the evening. Tom, a former CT junior high school teacher has presented thousands of participatory programs to audiences of all ages from Maine to Florida. He performs songs and tales that inform, entertain, elevate and enrich the spirit. His extensive repertoire of Irish and Irish-American music is complemented by marine and maritime music including: chanteys, ditties, ballads and whaling songs from the days of wooden ships and iron men....now how can you not want to be a part of this? The meal will be catered by our very own "Country Butcher", Steve Boyer. Yum!! Sign up at the Senior Center early to be assured at seat!!

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This newsletter that we provide every month includes just about everything we do here. However, things pop up after the newsletter goes to print, and we do our best to keep you informed. It might be a great idea to keep this letter handy – post the calendar page on your fridge, and then you'll have no excuses about 'not knowing' what is going on.

All the fall programs are up and running, so check our Calendar section and our Bulletin Board for all the fun activities and programs.

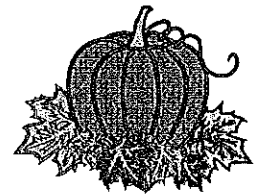
See you at the Senior Center,

Fran Weigand
Senior Center Director



Thinking of You!!

Dick West
Dorothy McMahan
Edith Wooding
Alice Hardy
Paul Doyle



Tai Chi

I'm sometimes asked "What does Tai Chi mean?" As with many Chinese to English translations, there are a variety of interpretations. Tai Chi is the English version of a phrase pronounced something like Tie Chee Chuan, and can be literally translated as "the grand ultimate", the "great extreme" or "superior ultimate." Chuan literally means "fist." So the phrase can be translated as "grand ultimate fist." But, this martial arts interpretation, derived from the basic kung fu movements used in the practice, is a metaphor for the underlying essence of the practice. That essence is the coordination and combination of slow, gentle movement of the body with the mental focus and intention of meditation; in other words, the combination of mind and body, matter and energy. This is the true meaning: the overcoming of the division between matter and energy, the balancing of mind and body. The balance is symbolized in the sign of Tai Chi - the yin/yang – where matter and energy are entwined in balance, with the seed of each embedded in the other.

Roberta Villanova

Health and Wellness

Exercise: Tuesdays at 9:00 a.m.

Tai Chi: Thursdays at 9:30 a.m.

Yoga: Wednesdays at 1:00 p.m.

Lunch: Mondays and Wednesdays at 12:00 noon

Foot Care: Thursday, October 20th (please call for an appointment, 860-870-3730)

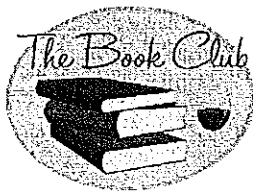
Blood Pressure and Blood Sugar: Monday, October 17th, from 10:00 a.m.-1:00 p.m.

2011 Senior Center Trips

October 13th - Octoberfest at the *Platz Brauhaus*

December 18th - "A Christmas Story" - dinner at *Salem Cross Inn*, show at *Stageloft*


Please join us...




***Our
Book Discussion Group
will be meet on
Monday,
October 24th
at 1:00 p.m.***

***Drum Circle
will be held on
Mondays,
October 3rd and
October 17th
1:00 p.m.***





**Programs for Homebound, Seniors and
Their Caregivers**
Rebecca Ellert, Elderly Outreach Caseworker



Greetings!

It's good to have money and the things that money can buy, but it's good, too,
to check up once in a while and make sure you haven't lost the things that money can't buy.

George Horace Lorimer

Things money can't buy:

Health

Happiness

Love

Genuine friendship

Just a reminder... that Open enrollment's new date is October 15 through December 7. If you are intending to change Medicare Part D or Medicare Advantage Plans, please note this is the time to do it.

I will begin taking fuel assistance applications on October 3. For household income and asset guidelines, please see insert. This program is federal and state funded for lower income families/elders/disabled to supplement heating costs. Start date for delivery is November 15, 2011. If you think you qualify, please call me (860-870-3726) for an appointment. I will inform you of what documentation you will need to apply. This program has been a huge help to many families and elderly people on fixed incomes.

If you are at this time receiving extra help for prescription drug coverage, please be aware that the amount of Extra Help is changing. You will continue to receive Extra Help for all of 2012, but the amount of help you get is going to change. Yet another change... Ugh. This means the amount you pay for each prescription will change in 2012. Starting January 1, 2012, you'll pay up to \$1.10 or \$2.60 for generic drugs and up to \$3.30 or \$6.60 for brand-name drugs or \$0 for each covered prescription you fill at one of your Medicare drug plan's participating pharmacies. If you are a MSP recipient, you will be getting a notice (this notice informs people with Medicare *who continue to automatically qualify for Extra Help*) in the mail early October on orange paper. If you have questions about Medicare Prescription drug coverage or the information in this notice, you can use any of the following resources:

www.medicare.gov



Read the "Medicare & You" handbook.

Call 1-800-Medicare (1-800-633-4227)

Call me at 860-870-3726 ☺

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*Programs for Homebound, Seniors and
Their Caregivers*
Rebecca Ellert, Elderly Outreach Caseworker

On a lighter note... a new senior resource center has opened in Tolland. Called "Senior Moments" and located in the former Moose Lodge on Kingsbury Ave, this much needed facility will fill a large void. When Woodlake shut down their Adult Day Care Center, all of the seniors that had taken advantage of their programs had to go to East Hartford if they wanted to continue attending. By opening Senior Moments in Tolland, Lori O'Connor is now providing a way for seniors to remain in their homes and participate in their community, despite possible health problems or memory impairment. The support system they have in place will enable seniors to function at their highest abilities while participating in a variety of activities. Senior Moments will provide nursing and social work services, in addition to hot catered lunches from October Kitchen. They will also provide personal care services, including manicures, pedicures, showering, and hairdressing services. Fran and I are very excited about this new opportunity and by now we have attended the open house on Sunday, September 18th. We'll let you know what we think.



Other things money *can't* buy...

Lost time
Acceptance
Peace
Talent

Money *can* buy...

Bed but not sleep
Books but not brain
Food but not appetite
Finery but not beauty
House but not a home
Medicine but not health
Luxury but not culture
Amusement but not happiness
Companions but not friends
Flattery but not respect

Be Kind,
Rebecca



Getting To Know You

Alice was born at home in Storrs, Connecticut, in 1917, during the First World War. The middle child of five, she attended grammar school in a one-room schoolhouse in Mansfield Hollow and then went on to Windham High School.

She met John, her husband-to-be, at Gardner's Dairy Farm while she was skating on the farm pond at about age 16 and they dated from that time on. Alice proudly mentioned that John was a descendent of John and Priscilla Alden.

Married in 1934, Alice and John moved to New Hampshire to live with John's parents. After a year and a half they returned to live in Spring Hill, Connecticut. It was there that they raised their seven sons. She has grandchildren, great grandchildren and great, great grandchildren from coast to coast. Alice took classes at the Farm Bureau, learning to cook, can, sew and cane chairs. She learned to make lampshades from silk as well as pierced lampshades. During the Depression, Alice took hand-me-down clothing given to her for her children and cut them down to fit them, making snow suits out of old coats. She darned a lot of socks and patched a lot of overalls. Alice's motto is: **"Waste not, want not; eat it up, wear it out, make it do or do without."**

With their children, she and her husband traveled all over the United States and to Mexico. They visited the California redwoods, the Badlands and Crater Lake while camping all the way. Alice joked that she knew 101 Ways to Serve Franco American spaghetti.

Alice dug and canned potatoes from her large garden. She also preserved peaches, pears, tomatoes and string beans and made jelly. She has written a cookbook for her family and recently, a granddaughter brought her a container of corn chowder made from the recipe in that cookbook. Baked beans, corn chowder and raisin-filled cookies were a few favorites.

Alice has had a long and rich life and I wish space would allow more details of the many facets of that life. It was my pleasure to first meet this sweet and lovely lady in Pen & Tell, the creative writing group here at the Senior Center. Members of the group always looked forward to hearing her read the latest addition to her memoir. She wrote of rationing, victory gardens and blackouts during World War II and of standing in line with her coupon book waiting to purchase groceries. She even filed burrs and operated machinery at Pratt & Whitney, a real life "Rosie the Riveter."

Alice worked hard and suffered losses and hard times but she speaks and writes lovingly of all those years. I hope many of you have had the privilege of meeting her.

~~ *Gerry Liebla*



Are You Eligible For Winter Heating Assistance?

Residents may call any of the following Tolland Human Services personnel for more information about federal and state programs and local initiatives:

Nancy Taylor Dunn, L.P.C., Families call 860-871-3612
Rebecca Ellert, Seniors call 860-870-3726

or contact Donna Francis, Human Services Secretary 860-871-3648 to be referred to the appropriate personnel.

CONNECTICUT ENERGY ASSISTANCE PROGRAM (CEAP)- Tolland Human Services is now taking applications for the Connecticut Energy Assistance Program, so that eligible households using deliverable fuels only will be preapproved when the program officially reopens in November, 2011.

Note: Utility heated households (electric, natural gas) are not eligible to receive benefits *at this time*. Low-income utility heated households facing shut-off or unaffordable service arrearages may contact Human Services for assistance in working with CL&P/natural gas provider.

This is not an entitlement program. **All benefits are subject to the availability of funds.**

Any household whose annual gross income is at or below 150 percent (150%) of the federal poverty guidelines is income eligible for CEAP.

150 PERCENT OF FEDERAL POVERTY GUIDELINES

Household Size	1	2	3	4	5	6	7	8
Annual Income	\$16,335	\$22,065	\$27,795	\$33,525	\$39,255	\$44,985	\$50,715	\$56,445

(For households with more than eight members, add \$5,730 for each additional member.)

Any household with elderly (60 years of age or older) and/or disabled member(s), whose annual gross income is at or below 200 percent (200%) of the federal poverty guidelines is also income eligible for the CEAP.

200 PERCENT OF FEDERAL POVERTY GUIDELINES

Household Size	1	2	3	4	5	6	7	8
Annual Income	\$21,780	\$29,420	\$37,060	\$44,700	\$52,340	\$59,980	\$67,620	\$75,260

(For households with more than eight members, add \$7,640 for each additional member.)

Depending on the availability of federal funding, households whose annual gross income is above the CEAP income guidelines, but below 60 percent (60%) of the state median income guidelines may be income eligible for the Contingency Heating Assistance Program (CHAP).

Note: CHAP has not been funded at this time.

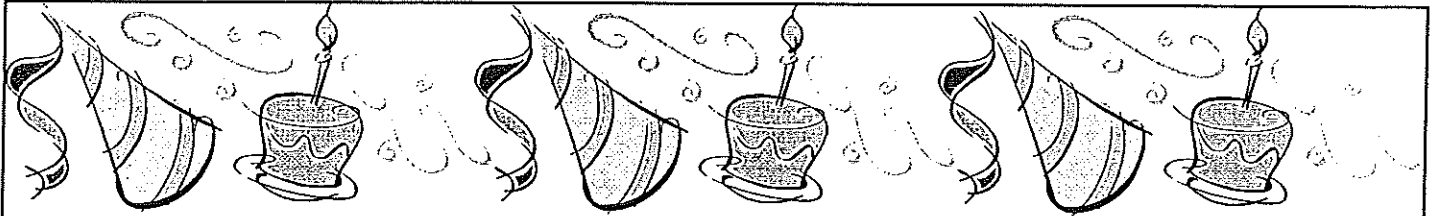
60 PERCENT OF STATE MEDIAN INCOME GUIDELINES

Household Size	1	2	3	4	5	6	7	8
Annual Income	\$31,863	\$41,667	\$51,472	\$61,276	\$71,080	\$80,884	\$82,722	\$84,561

Sept. 19, 2011

OCTOBER 2011

Sun	Mon	Tue	Wed	Thu	Fri	Sat
ALL PROGRAMS ARE SUBJECT TO CHANGE WITHOUT NOTICE	<u>PLEASE CALL</u> <u>860-870-3730</u> <u>TO</u> <u>CONFIRM</u> <u>PROGRAMS</u>	***** Please see activity times below *****				1
2	3 LUNCH CHORUS 10:00 SOCIAL DRUM CIRCLE	4 EXERCISE PEN & TELL	5 LUNCH MEN'S BILLIARDS CRAFTS, Wii BOWLING, CARDS, DOMINOES	6 COMPUTER LAB TAI CHI BINGO	7 BILLIARDS: MEN AND WOMEN PAINTING CLASS	8
9	10 CLOSED COLUMBUS DAY	11 EXERCISE PEN & TELL	12 LUNCH MEN'S BILLIARDS CRAFTS, Wii BOWLING, CARDS, DOMINOES	13 COMPUTER LAB TAI CHI	14 BILLIARDS: MEN AND WOMEN PAINTING CLASS	15
16	17 LUNCH CHORUS 10:00 SOCIAL DRUM CIRCLE	18 EXERCISE PEN & TELL	19 LUNCH MEN'S BILLIARDS CRAFTS, Wii BOWLING, CARDS, DOMINOES	20 5:30 PM ANNUAL SENIOR BANQUET AT CRANDALL LODGE	21 BILLIARDS: MEN AND WOMEN PAINTING CLASS	22
23	24 LUNCH CHORUS 10:00 SOCIAL BOOK CLUB	25 EXERCISE PEN & TELL	26 LUNCH MEN'S BILLIARDS CRAFTS, Wii BOWLING, CARDS, DOMINOES	27 COMPUTER LAB TAI CHI	28 BILLIARDS: MEN AND WOMEN PAINTING CLASS	29
30	31 LUNCH CHORUS 10:00 SOCIAL	Billiards 9:30 a.m. Bingo 1:00 p.m. Book Club 1:00 p.m. Cards 1:00 p.m. Chorus 10:00 a.m. Comp. Lab 9:00 a.m. Crafts 10:00 a.m. Dominoes 1:00 p.m. Drum Circle 1:00 p.m.		Exercise 9:00 a.m. Lunch 12:00 noon Movie Matinee 1:00 p.m. Painting Class 9:30 a.m. Pen & Tell 1:00 p.m. Social 10:00 a.m. Tai Chi 9:30 a.m. Wii Bowling 1:00 p.m.		



Happy Birthday!

October Birthdays!!

Mike Moutafis 10/1

Hilda Bisikirski 10/14

Rev. Frank Lisewski 10/3

Virginia Leckfor 10/14

Agatha Beaupre 10/6

Judi Carlson 10/15

Eleanor Wylie 10/6

Carolyn Tryon 10/16

Beth Gray 10/7

John Sobieski 10/17

Patricia Pfistner 10/7

Jean Lazure 10/22

Marilyn Ward 10/8

Penny Beaulieu 10/30

Doris Poster 10/11

Rose Bosse 10/31

Carole Buffington 10/12

Joyce Smith 10/31

Patricia Fraser 10/13

Senior Center Activities

Billiards - men on Wednesday mornings at 9:30 a.m. and men and women every Friday morning from 9:30 a.m. - 11:30 a.m.

Bingo - every first and third Thursday at 1:00 p.m., unless otherwise noted .

Birthday Dinner - once a month, there is a Birthday/Lunch Party to celebrate all those who have had a birthday in that month. This special event is held at 12:00 noon, unless otherwise noted, and the cost is \$3.00.

Book Club - a book discussion is held on the fourth Monday of each month, at 1:00 p.m.

Cards - held every Wednesday at 1:00 p.m.

Chorus - the "Noteables" meet every Monday morning at 10:00 a.m.

Computer Lab - learn how to use a computer on Thursday mornings at 9:00 a.m.

Crafts - every Wednesday morning at 10:00 a.m. You may bring a craft of your own choice, such as knitting, crocheting, etc. Or, you may participate in making centerpieces for our Birthday Dinner Parties.

Dominoes - held every Wednesday at 1:00 p.m.

Drum Circle (Djembe) - a drumming class is held twice a month on Mondays.

Exercise - Tuesday mornings at 9:00 a.m. This is a stretch and balance, low-impact class.

Intergenerational Programs - programs that include the young people in Tolland.

Line Dancing - will resume - to be announced.

Movie Matinee - once or twice a month at 1:00 p.m., a movie is shown at the Senior Center.

Lunch Box Cafe - every Monday and Wednesday at 12:00 noon, lunch is served. The cost is \$3.00 per meal and the menu varies.

Painting Class - the painting class is held on Fridays at 9:30a.m.

Pen & Tell - a creative writing class takes place on Tuesdays, at 1:00 p.m.

Social - every Monday at 11:30 a.m. Join us and spend some special time together.

Tai Chi Class - a gentle exercise class held on Thursdays, at 9:30 a.m.

Wii Bowling - held Wednesdays at 10:00 a.m. Come on over to the Senior Center and give it a try!

Yoga Class - a gentle exercise class held on Wednesdays at 1:00 p.m.

****All Programs are subject to change without notice.****

**** Any questions? Please call the Senior Center at 860-870-3730.****

Dedicated to Tolland's Senior Citizens

Tolland Senior Center
674 Tolland Stage Road
P.O. Box 159
Tolland, CT, 06084

Phone: 860-870-3730
Monday-Thursday
8:30 a.m. - 3:30 p.m.
Monday evenings
7:00 p.m. - 9:00 p.m.
Friday 8:30 a.m. - noon
New Members
and drop-ins are
always welcome.

*Check the Calendar
for special programs.*



Tolland Human Services Department

Senior Center Director: Fran Weigand, 860-870-3725
Elderly Outreach Caseworker: Rebecca Ellert, 860-870-3726
Newsletter Contributors: Fran Weigand, Rebecca Ellert, Gerry Liebla,
and Judy Goodman
Human Services Director: Beverly Bellody, 860-871-3611
Youth Services Coordinator: Nancy Taylor Dunn, 860-871-3612
Marriage & Family Therapist: Jennifer Therian, 860-871-3615
Human Services Secretary: Donna Francis, 860-871-3648

Please visit us on the Tolland website at www.tolland.org

HOCKANUM VALLEY COMMUNITY COUNCIL DIAL-A-RIDE PROGRAM 860-870-7940

Tolland residents who are at least 60 years of age or disabled adults under 60 are qualified for the Dial-a-Ride service. Transportation is provided between 8:30 a.m.–4:00 p.m., Monday through Friday excluding holidays. Dial-a-Ride travels to all locations in Vernon, Ellington and Tolland including medical appointments, shopping, social and recreational. Whenever possible grocery and other shopping trips are provided on a group basis.

In order to continue to provide reliable safe transportation to the Tri Town area, a \$1.00 donation will be needed when boarding the van on each trip. Round trip costs \$2.00. You must have the exact amount as the drivers will not have change. To make reservations, call 860-870-7940 between 8:30 a.m.–2:00 p.m. Reservations for medical appointments are taken up to 28 days in advance. All other reservations are taken up to 14 days in advance.

