CONNECTICUT DEPARTMENT OF
PUBLIC HEALTH
Keeping Connecticut Healthy

ATCAVE 2008

Useful Web-based Tools and Tour of the New Local Health Portion of the Drinking Water Section Website

Eric McPhee

Sanitary Engineer 3

Drinking Water Section

Regulatory Services Branch

Useful Tools: Drinking Water Section/LHD Info Sharing – Two New Initiatives

- Developed to provide Local Health Departments (LHDs) with information related to the public water systems in their town/district in a timely and convenient manner.
- Information is specific to your town/district and is updated frequently to reflect current information.

DWS/LHD Info Sharing Initiatives: #1.) – New Email Notification System

- Notifies LHD of water quality violations
- Sent to Director of Health (fwd via 'Rule's'?)
- DOH notified of WQ violation the day after the violation is processed
- All LHDs receive these emails
- Not part of the Health Alert Network

CONNECTICUT DEPARTMENT OF PUBLIC HEALTH

Keeping Connecticut Healthy

Local Health Department
Public Water System Compliance Report

Town of Brookfield

Full/Part/District P

Address	Phone	Fax	Web Site
100 Pocono Road P.O. Box 5106 Brookfield, CT 06804	(203) 775-7315	(203) 740-767	

Director Name	Title	Email
Dr. Robert Mascia	Director of Health	MMcCarthy@Brookfield.org

Public Water System Compliance Status

Public Water System Name:	**Brookfield Funeral Home**	**Public Water System ID:**	*CT0180114*
Physical Address (if applicable)	786 Federal Road	**Adminstrative Contact:**	Mr. Roger E. Gavagan
Principal City Served:	Brookfield	**Title:**	
Classification:	NC	**Phone/Ext:**	203-748-3466
Food Service Establishment?	No	**Email:**	www.CORNELLMEMORIAL.COM
		Chief Certified Operator(s)	

Violation Name (Type)	*Analyte / Requirement*	*Compliance Period*	*Issue Date*	*Public Notification Required*	*Public Notification Received*	*Water System Facility*	*Compliance Achieved*
Maximum Contaminant Level	Total Coliform	10/1/2007 - 10/31/2007	11/6/2007	12/6/2007		Distribution System	
Maximum Contaminant Level	Total Coliform	7/1/2007 - 9/30/2007	8/29/2007	9/28/2007		Distribution System	
Maximum Contaminant Level	Total Coliform	9/1/2007 - 9/30/2007	9/26/2007	10/26/2007		Distribution System	
Monitoring and Reporting	Total Coliform	1/1/2005 - 3/31/2005	7/20/2005	8/19/2005		Distribution System	9/30/2005
Monitoring and Reporting	Physical Parameters	1/1/2005 - 3/31/2005	7/20/2005	7/20/2006		Distribution System	6/30/2005
Monitoring and Reporting	Total Coliform	10/1/2004 - 12/31/2004	5/17/2005	6/16/2005		Distribution System	9/30/2005
Monitoring and Reporting	Physical Parameters	10/1/2004 - 12/31/2004	5/17/2005	5/17/2006		Distribution System	6/30/2005

Total Violations: 7

Public Water System Name:	**Tequilas**	**Public Water System ID:**	*CT0180984*
Physical Address (if applicable)	316 Federal Road	**Adminstrative Contact:**	Mr. William Lavelle
Principal City Served:	Brookfield	**Title:**	Owner Mngt Agency
Classification:	NC	**Phone/Ext:**	203-775-2200
Food Service Establishment?	**Yes**	**Email:**	
		Chief Certified Operator(s)	

Violation Name (Type)	*Analyte / Requirement*	*Compliance Period*	*Issue Date*	*Public Notification Required*	*Public Notification Received*	*Water System Facility*	*Compliance Achieved*
Maximum Contaminant Level	Total Coliform	10/1/2007 - 10/31/2007	11/6/2007	12/6/2007		Distribution System	
Maximum Contaminant Level	Total Coliform	7/1/2007 - 9/30/2007	10/10/2007	11/9/2007	10/17/2007	Distribution System	
Maximum Contaminant Level	Total Coliform	4/1/2007 - 4/30/2007	5/3/2007	6/2/2007	5/11/2007	Distribution System	

Total Violations: 3

vices Branch

DWS/LHD Info Sharing Initiatives: #2.) New LHD Section of DWS Website

- Reports specific to LHDs (PWS roster, violations)
- Other Resources-Forms, Presentations, Guidance Documents
- Different than LHD section of DPH site

CONNECTICUT DEPARTMENT OF PUBLIC HEALTH

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DPH: Local Health - Microsoft Internet Explorer

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CT.gov STATE OF CONNECTICUT

CONNECTICUT DEPARTMENT OF PUBLIC HEALTH

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DPH Search: GO

Advanced Search

DRINKING WATER

- CONTACT INFO
- FORMS/APPLICATIONS
- PUBLICATIONS/REPORTS
- RESOURCES/LINKS
- LOCAL HEALTH DEPARTMENTS
- WHAT'S NEW
- DRINKING WATER TOPICS A-Z
- DPH MAIN MENU

Department of Public Health
410 Capitol Avenue
Hartford, CT 06134

Phone:
(860) 509-8000

Directions

TRUNConnecticut

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LOGIN

Local Health

This site provides Connecticut's local health departments (LHDs) access to important information on public water systems including maximum contamination level (MCL) violations and monitoring and reporting (M/R) violations these systems incur. The site also provides forms to facilitate and standardize communications between the Drinking Water Section (DWS) and LHDs on matters of joint concern or jurisdiction.

Public Water System Classifications and Inventory

Click here to view the classifications of public water systems (PWS) and the criteria for each classification.

Maximum Contaminant Level (MCL) and Monitoring and Reporting (M/R) Violations and Food Service Establishment Report

In the dropdown menu below you may select your respective health department or district and click 'Go!' to obtain a printable list of PWSs that have received MCL and/or M/R violations in the past 12 months. The report also contains an up to date list by health department of all of the food service establishment/PWSs in the DWS inventory. This list is for informational purposes only and is updated monthly. All PWSs are required by regulation to report any MCL violation they incur directly to the LHD. Please report any inventory errors to the DWS.

Choose Local Health Department GO

Forms

- Food Service Establishment Water System Registration Form (pdf) each time a food service establishment is inspected. Instructions for use of the form are included on the second page. Use of this form facilitates improved regulation of PWSs that are serving food service establishments.
- TNC Public Water System Information Form can also be completed when LHDs for small PWSs that are not food service establishments.

Guidance Document

- Presence of Total Coliform Bacteria in the Water Supply at Food Service Establishments (pdf) - Guidance Document developed by CTDPH, CADH and CEHA. This document was developed to provide procedural guidelines to be followed by LHDs when a food service establishment, under LHD jurisdiction exceeds the monthly MCL for total coliform bacteria.

Miscellaneous Information

LHD Section of DWS Website: Reports

- Include Violation Summary by LHD
- Include List of Active PWSs in DWS Inventory
- Updated Monthly
- Good Tool for Food Service Establishments (FSE) License Inspections

CONNECTICUT DEPARTMENT OF
PUBLIC HEALTH

Keeping Connecticut Healthy

Local Health Department
Public Water System Compliance Report

Farmington Valley Health District

Full/Part/District D

Address	Phone	Fax	Web Site
50 Avon Meadow Lane P.O. Box 529 Avon, CT 06001	(860) 676-1953	(860) 676-213	http://www.fvhd.org/

Director Name	Title	Email
Mr. Richard H. Matheny, Jr.	Director of Health	rmatheny@fvhd.org

Public Water System Compliance Status

Public Water System Name: J.F. Iv Holdings, LLC
Physical Address (if applicable) 225 West Main Street
Principal City Served: Avon
Classification: NC
Food Service Establishment? Yes

Public Water System ID: CT0040094
Adminstrative Contact: Mr. James V. Fazio, Jr
Title: President
Phone/Ext: 860-257-3189
Email:
Chief Certified Operator(s)

Violation Name (Type)	Analyte / Requirement	Compliance Period	Issue Date	Public Notification Required Received	Water System Facility	Compliance Achieved
Monitoring and Reporting	Total Coliform	4/1/2007 - 6/30/2007	8/14/2007	9/13/2007	Distribution System	
Monitoring and Reporting	Physical Parameters	4/1/2007 - 6/30/2007	8/14/2007	8/13/2008	Distribution System	

Total Violations: 2

Public Water System Name: Talcott Mountain Science Center #1
Physical Address (if applicable) Montevideo Road
Principal City Served: Avon
Classification: NTNC
Food Service Establishment? No

Public Water System ID: CT0040442
Adminstrative Contact: Dr. William Runk
Title: Plant Supervisor
Phone/Ext: 203-677-8571
Email:
Chief Certified Operator(s) Mr. Thomas Chouinard, Avon

Violation Name (Type)	Analyte / Requirement	Compliance Period	Issue Date	Public Notification Required Received	Water System Facility	Compliance Achieved
Monitoring and Reporting	Beryllium	1/1/2002 - 12/31/2004	5/2/2005	5/2/2006	Entry Point	
Monitoring and Reporting	Nickel	1/1/2002 - 12/31/2004	5/2/2005	5/2/2006	Entry Point	
Monitoring and Reporting	Sodium	1/1/2002 - 12/31/2004	5/2/2005	5/2/2006	Entry Point	
Monitoring and Reporting	Sulfate	1/1/2002 - 12/31/2004	5/2/2005	5/2/2006	Entry Point	
Monitoring and Reporting	Thallium	1/1/2002 - 12/31/2004	5/2/2005	5/2/2006	Entry Point	
Monitoring and Reporting	Antimony	1/1/2002 - 12/31/2004	5/2/2005	5/2/2006	Entry Point	
Public Notification	Nickel	5/3/2006 -	11/6/2006			
Public Notification	Sodium	5/3/2006 -	11/6/2006			
Public Notification	Thallium	5/3/2006 -	11/6/2006			
Public Notification	Beryllium	5/3/2006 -	11/6/2006			
Public Notification	Antimony	5/3/2006 -	11/6/2006			
Public Notification	Sulfate	5/3/2006 -	11/6/2006			

Total Violations: 12

Public Water System Name: Talcott Mountain Science Center #2
Physical Address (if applicable) Montevideo Road
Principal City Served: Avon
Classification: NTNC
Food Service Establishment? No

Public Water System ID: CT0040483
Adminstrative Contact: Dr. William Runk
Title: Plant Supervisor
Phone/Ext: 203-677-8571
Email:
Chief Certified Operator(s) Mr. Thomas Chouinard, Avon

Public Water System Roster

Town/City	PWS ID	PWS Name	Physical Address	PWS Classification	Food Service?
Avon	CT0040011	Avon Water Co		C	No
	CT0040493	Farmington Valley Arc	255 Old Mountain Road	NTNC	No
	CT0040094	**J.F. Iv Holdings, LLC**	**225 West Main Street**	**NC**	**Yes**
	CT0040244	**Little Marks Bbq**	**279 West Main Street**	**NC**	**Yes**
	CT0040442	Talcott Mountain Science Center #1	Montevideo Road	NTNC	No
	CT0040483	Talcott Mountain Science Center #2	Montevideo Road	NTNC	No
Barkhamsted	CT0050194	American Legion S.F./Camp White	East River Road	NC	No
	CT0050014	American Legion Sf / Austin F. Hawes	East River Road	NC	No
	CT0055043	**Barkhamsted Elementary School**	**67 Ripley Hill Road (Route**	**NTNC**	**Yes**
	CT0050024	**Brass Horse Cafe**	**97 New Hartford Road**	**NC**	**Yes**
	CT0051011	Foxridge Apartments-Well 1		C	No
	CT0055071	Foxridge Apartments-Well 2		C	No
	CT0050044	**Log House Restaurant Inc.**	**110 New Hartford Road**	**NC**	**Yes**
	CT0050082	Lombard Ford	285 New Hartford Road (Route 44)	NTNC	No
	CT0055013	**Mallory Brook Plaza - Well #1**	**New Hartford Road (Route 44)**	**NC**	**Yes**
	CT0055063	**Mallory Brook Plaza - Well #2**	**New Hartford Road (Route 44)**	**NC**	**Yes**
	CT0050122	MDC Supply Division Headquarters	39 Beach Rock Road	NTNC	No
	CT0050064	**Old Riverton Inn**	**436 East River Road**	**NC**	**Yes**
	CT0050084	Peoples S.F./Big Spring	East River Road	NC	No
	CT0050104	Peoples S.F./Main Picnic Area	East River Road	NC	No
	CT0050114	**Pleasant Valley Drive-In**	**181/47 West River Road**	**NC**	**Yes**
	CT0050124	**Pleasant Valley General Store**	**111 River Road**	**NC**	**Yes**
	CT0050134	**Pleasant Valley United Methodist Church**	**93 River Road**	**NC**	**Yes**
	CT0050144	**Riverton General Store**	**2 Main Street**	**NC**	**Yes**
	CT0050011	Rocktree Apartments		C	No
	CT0050062	Sterling Engineering Corp.	Route 44	NTNC	No
	CT0050184	**Sweet Peas Restaurant**	**6 Riverton Road**	**NC**	**Yes**
	CT0050164	**The Catnip Mouse Tearoom**	**Route 20**	**NC**	**Yes**
	CT0050074	**Village Of Boulder Ridge**	**104 Goose Green Road**	**NC**	**Yes**
	CT0051031	Wallens Hill Apartments		C	No
	CT0050224	White Pines Campsites-Well #1 & Well #2	232 Old North Road	NC	No
Canton	**CT0230024**	**192 Albany Turnpike**	**192 Albany Turnpike**	**NC**	**Yes**
	CT0230294	**250 Albany Turnpike**	**250 Albany Turnpike**	**NC**	**Yes**
	CT0235074	306 Albany Turnpike - Mobil	306 Albany Turnpike	NC	No
	CT0230044	**Canton Center General Store**	**180 Cherry Brook Rd**	**NC**	**Yes**
	CT0235033	Canton Professional Building	191 Albany Turnpike	NTNC	No
	CT0230094	Canton Raquet Club	310 Albany Turnpike	NC	No
	CT0230124	Cherry Brook Grange	534 Cherry Brook Road (Route 179)	NTNC	No
	CT0230392	**Cherry Brook School**	**4 Barbourtown Road**	**NTNC**	**Yes**
	CT0230011	CTWC - Naugatuck Reg-Collinsville Sys		C	No
	CT0230144	First Congregational Church Of Canton Ce	184 Cherry Brook Road	NC	No

Regulatory Services Branch

LHD Section of DWS Website: FSE Water System Registration Form

- DWS requests that LHDs have these forms completed as part of the FSE relicensure process.
- There are ≈1,550 active TNC PWSs in our inventory, 54% are FSEs
- High turnover, ownership changes, new FSEs/systems we are not aware of

FSE Water System Registration Form: Why is this Form Important?

- Completing this form allows us to maintain an accurate inventory of public water systems….
- …..which allows us to survey these systems as well as ensure that they are testing their water….
- …..which allows us to review their water quality and mandate that they correct water system deficiencies….
- ……which increases public health protection.

CONNECTICUT DEPARTMENT OF
PUBLIC HEALTH

Keeping Connecticut Healthy

STATE OF CONNECTICUT DEPARTMENT OF PUBLIC HEALTH
DRINKING WATER SECTION
Food Service Establishment Water System Registration Form (Rev. 4/06)

Refer to instructions on reverse side for assistance in completing this registration form.

Are there changes to property and/or food service establishment ownership/contact information from this past year? ☐ Yes ☐ No

A. ***Food Service Establishment Information***

☐ New food establishment licensure ☐ Relicensure

Food Service Establishment Name: _____

Ownership information (food service establishment):

Name: _____
Mailing Address: _____
Phone Number: _____
Signature of food service establishment Owner: _____ Date: _____

B. ***Water System Information***

What is the source of the water supply for this location? ☐ Onsite Well
If 'Customer of a Community PWS", do not complete Section B. ☐ Customer of a Community Public Water System (PWS)
Provide name of Community PWS: _____

Water System/Property Name _____ PWSID*: CT _____
* If known / if applicable

Address of Water System: _____ Town: _____

List all businesses and/or facilities supplied by water system: _____

Do at least 25 persons (including employees, customers, parishioners, visitors, etc., but not necessarily the same persons) visit the facilities/businesses supplied by the water system daily at least 60 days out of the year? ☐ Yes ☐ No

Total number of **same** persons who **regularly** use the facilities / businesses (i.e. employees, students, but not residents) for **at least 6 months a year**: _____ Avg. # of Daily Customers: _____ # of Residents: _____

Does this water system also supply water to a (check applicable): ☐ hotel/motel ☐ municipal bldg ☐ gas station
☐ medical facility ☐ rest area ☐ park/recreation area ☐ campground ☐ place of worship ☐ Other: _____

Type and number of wells: ☐ Drilled Wells _____ ☐ Shallow Dug Wells _____ ☐Other: _____

Installed water treatment equipment: ☐ Iron/manganese filter ☐ Ultraviolet light ☐ Water softener ☐ Aeration
☐ Granular Activated Carbon filter ☐ Acid Neutralizer ☐ Other/Unk: _____ ☐ Chemical feed: _____

Water System annual operating period (begin/end dates of operation): From: _____ (month/day) To: _____ (month/day)

Water system ownership information (i.e. property owner):
Name: _____
Mailing Address: _____
Phone Number: _____
Signature of Property Owner: _____ Date: _____

Information below to be completed by the Local Health Department

1. Date: _____
2. Water System Classification (check one): ☐ NTNC ☐ TNC ☐ NP ☐ Undetermined ☐ CWS Customer*
3. Reviewed by (print name, title and LHD): _____
4. Signature: _____

Mail a copy of the completed registration form to:
CT Department of Public Health – Drinking Water Section, CRS Unit,
410 Capitol Ave. MS#51WAT, P.O. Box 340308, Hartford, CT 06134-0308

* If CWS customer, do not forward form to CT DPH – DWS.

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B is to be completed by the Local

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Check yes or no.
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daily basis at least 6 months out of
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check **CWS** Customer.
he above, then check **TNC**.
r/Consumer/PWS.htm
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t (860) 509-7333. **********

Regulatory Services Branch

CONNECTICUT DEPARTMENT OF PUBLIC HEALTH

Keeping Connecticut Healthy

FSE Water System Registration Form

- Are there changes?

Are there changes to property and/or food service establishment ownership/contact information from this past year? ☐ Yes ☐ No

- Is it a public water system?

Do at least 25 persons (including employees, customers, parishioners, visitors, etc., but not necessarily the same persons) visit the facilities/businesses supplied by the water system daily at least 60 days out of the year? ☐ Yes ☐ No

- What is your assessment?

Information below to be completed by the Local Health Department

1. Date:_____
2. Water System Classification (check one): ☐ NTNC ☐ TNC ☐ NP ☐ Undetermined ☐ CWS Customer*
3. Reviewed by (print name, title and LHD): _____
4. Signature:_____

Mail a copy of the completed registration form to:
CT Department of Public Health – Drinking Water Section, CRS Unit,
410 Capitol Ave. MS#51WAT, P.O. Box 340308, Hartford, CT 06134-0308

* If CWS customer, do not forward form to CT DPH – DWS.

Revised: 7/15/05

LOCAL HEALTH DEPARTMENT - GUIDANCE DOCUMENT

Presence of Total Coliform Bacteria in the Water Supply at Food Service Establishments

Prepared by:
Connecticut Department of Public Health
Connecticut Association of Directors of Health, Inc.
Connecticut Environmental Health Association

Purpose: To provide procedural guidelines to be followed by local health departments when a food service establishment, under local health department jurisdiction, exceeds the monthly maximum contaminant level (MCL) for total coliform bacteria.

Coliform Bacteria: Coliform bacteria are a group of microscopic organisms commonly found in the environment but are also present in the digestive tract and feces of humans and warm-blooded animals. They are usually present in water that has been contaminated by human or animal waste and are used as indicator organisms in the testing of drinking water quality. These indicator organisms are relatively easy, quick, and inexpensive to test for and are normally absent in properly constructed untreated groundwater well supplies. The presence of these organisms indicates that contamination may be entering the water system. Public water systems are required to periodically monitor their water distribution system for the presence of total coliform bacteria to determine the sanitary quality of the water being provided to the public. Coliform bacteria do not generally cause disease by themselves, however, if they are found to be present in a water sample it is assumed that disease-causing organisms (pathogens) may also be present.

Fecal Coliform/E. Coli Bacteria: Fecal coliforms are bacteria that are associated with human or animal wastes. They usually live in human or animal intestinal tracts, and their presence in drinking water is a strong indication of recent sewage or animal waste contamination. Water contaminated with fecal coliforms should never be consumed.

E. coli (Escherichia coli) bacteria is a group of fecal coliform bacteria commonly found in the intestines of animals and humans. E. coli bacteria is also a strong indication of recent sewage or animal waste contamination. Few E. coli strains cause disease, however, the presence of any E. coli bacteria in a water sample suggests that disease-causing organisms may also be present. One of the E. coli strains that does cause disease is E. coli 0157:H7. A standard laboratory analysis will not identify a particular strain of E. coli bacteria nor is it necessary to do so as part of a ***routine*** drinking water analysis. Water contaminated with E. coli bacteria, regardless of the strain, should never be consumed.

Collection of Water Samples: Water samples collected from public water systems for compliance with the water quality monitoring requirements contained in Public Health Code (PHC) Section 19-13-B102(e) must be collected by "technical personnel employed by a DPH [Department of Public Health] approved environmental laboratory under Section 25-40 of the Connecticut General Statutes (CGS), or a DPH certified distribution system operator, or a DPH certified water treatment plant operator, or a sanitarian, or an employee of the DPH, or a person under the direct supervision of either an approved environmental laboratory, a certified distribution system operator, or a certified water treatment plant operator". Water samples

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Top 10 Deficiencies at Small Public Water Systems

Cindy Sek
Sanitary Engineer 2
Implementation & Response Unit (IRU)
CT DPH Drinking Water Section

Drinking Water Section

Regulatory Services Branch

Thanks!

- LHDs no longer receive hard copies of violation letters
- Let me know what other info is useful to you
- Contact me with any comments or suggestions: eric.mcphee@ct.gov or (860) 509-7333