



- 3: Announcements and Open Forum (10 Minutes) – NOTE: Persons wishing to submit written comments/questions regarding items which are not a subject of a public hearing are encouraged to use the following Google form:

<https://forms.gle/24ReEy9gGU6Jey3i6>

4: New Business:

- (a): Director's Report
- (b): Update - South Hadley Drug & Alcohol Prevention Coalition (Karen)
- (c): Emergency Orders to Vacate – Ratify

79 Charon Terrace  
121 Main Street, Third Floor, Right  
69 Bardwell Street  
54 Bridge Street, Apt. C65  
55 School Street, Apt. B  
117 Main Street, Third Floor, Left  
20 Maple Street



- (d): Mount Holyoke Biosafety Committee
- (e): Water District 2 – Consumer Confidence Report Certification

5: Old Business:

- (a): Racial Equity 101 Training – Follow-Up
- (b): Master Plan Update – Status of updates
- (c): Syringe Services Program – Update
- (d): Administrative Position – Status
- (e): Gun Violence Presentation – Status – Jessica Collins

6: Set Next Meeting Date – (TBD) at 6:00 p.m. at South Hadley Public Library

7: Adjourn Meeting

\*\*\* Please note: Meetings are recorded\*\*\*

Summary	August 2022	September 2022	October 2022	November 2022	December 2022	January 2023	February 2023	March 2023	April 2023	May 2023
<b>Complaints Received</b>										
housing complaint	13	5	12	11	15	10	6	10	4	5
food complaint	6	10	7	2	5	6	1	3	5	5
COVID inquiry/reporting	2	1	1	0	0	0	0		1	1
animal control	9	4	9	3	2	3	3	3	4	5
dumpster permit	6	1	2	2	0	0	0	2	0	0
hauler permit	1	1	1	0	0	1	0	1	1	1
septic permit	1	2	5	3	3	2	0	6	7	7
property care complaint	1	3	0	2	1	0	2	2	1	1
miscellaneous	3	13	11	7	8	4	3	3	6	6
<b>Total</b>	<b>42</b>	<b>40</b>	<b>48</b>	<b>30</b>	<b>34</b>	<b>26</b>	<b>15</b>	<b>30</b>	<b>29</b>	<b>31</b>
<b>Notices Issued</b>										
housing orders		1	0	1	0	3	3	2	5	5
condemnations	1	1	0	1	0	0	1	2	0	2
property care notices	1		0	0	0	1	0	1	4	3
compliance	2	1	3	1	0	5	2	4	1	0
educational/best practice material	0	0	0	2	0	0	0	2	2	3
dumpster violations	0	0	0	0	0	0	0	3	3	3
<b>Total</b>	<b>4</b>	<b>4</b>	<b>3</b>	<b>5</b>	<b>0</b>	<b>9</b>	<b>6</b>	<b>14</b>	<b>15</b>	<b>16</b>
<b>Inspections Conducted</b>										
food inspections	4	1	6	0	0	7	9	13	17	14
lodging/housing inspections	4	3	1	0	4	3	4	4	5	5
site observations	2	2	0	0	0	0	2	4	5	7
<b>Total</b>	<b>10</b>	<b>6</b>	<b>7</b>	<b>0</b>	<b>4</b>	<b>10</b>	<b>15</b>	<b>21</b>	<b>27</b>	<b>26</b>
<b>Miscellaneous</b>										
records requests		6	9	18	9	1	1	2	3	1
food plan reviews		1	1	1	2	2	1	1	1	2
summer camp permits	0	0	0	0	0	0	1	1	3	2
<b>Total</b>		<b>7</b>	<b>10</b>	<b>19</b>	<b>11</b>	<b>3</b>	<b>3</b>	<b>4</b>	<b>7</b>	<b>5</b>

CHRISTINE MCKIERNAN, MD, Chair  
JESSICA COLLINS, Vice-Chair  
KAREN WALSH PIO, LICSW, LADC 1, Clerk  
TONY JUDGE  
STEPHEN FRANTZ

SHARON D. HART, Public Health Director

**Board of Health Minutes**

**May 16, 2023**

--Draft-- --Draft-- --Draft-- --Draft--

Present: Christine McKiernan, MD, Chair; Jessica Collins, Vice-Chair; Karen Walsh Pio, Board of Health Clerk; Tony Judge, Board Member; Sharon Hart, Public Health Director; Jennifer Jernigan, Assistant Public Health Director; Monasia Ceasar, Health Compliance Specialist; Community Member

*The Board of Health Meeting was called to order at 6:03 p.m. by Chair Judge.*

**1. Acceptance of the Minutes of the February and April Meeting:**

Chair Judge introduced the minutes from the 02/14/23 meeting and mentioned he would accept a motion to approve the minutes. Walsh Pio made the motion and Dr. McKiernan seconded it. A roll call was taken and all members were in favor.

Chair Judge proposed that a motion be made to accept the April meeting minutes. Walsh Pio noted that her request to add an update to the May meeting agenda regarding the Drug and Alcohol Coalition was not honored. Director Hart shared that an update could be provided during announcements and open forum. Walsh Pio made a motion to approve the minutes as they were written and Dr. McKiernan seconded. A roll call was taken. All Board members approved of the minutes except Dr. McKiernan who abstained.

**2. Announcements and Open Forum:**

Walsh Pio introduced an update regarding the Drug and Alcohol coalition, highlighting the proposal for an increase on excise taxes for alcohol. She referred to the proposal document previously shared with Board members. A discussion pursued in which concerns were raised regarding missing information from the proposal document. Walsh Pio agreed to share those concerns with the appropriate parties. Ceasar shared there were no additional comments or announcements left in the open forum to be considered.

### 3. New Business

#### A. Board Reorganization:

Chair Judge expressed his gratitude and appreciation for the opportunity to serve as Chair and recognized that it was time to step down. The Board members made the following nominations, Dr. McKiernan as President, Collins as Vice Chair, and Walsh Pio as Clerk. Collins made a motion to approve the nominations and Dr. McKiernan seconded it. A rollcall was taken. All Board members were in favor.

#### B. COVID-19 Update

Director Hart noted that cases have decreased dramatically and follow up has stopped. There are plans to host a vaccination clinic in the fall with hopes that both flu and COVID vaccines will be offered.

#### C. Director's Report

Director Hart provided an overview of the monthly production of the Department. Hart highlighted trainings, the issuance of the new State Housing code, rental registry developments, Board and Committees updates, Public Health Excellence grant updates, and upcoming collaborations with other town departments.

#### D. Master Plan Update

Chair Dr. McKiernan introduced the Master Plan update as the next topic of discussion. Collins shared she had sent Nate Therrien a summary on the progress the Board has made on its objectives including the regulations passed as of 2023 and the challenges that the Board has experienced. Hart noted that the matrix still needs to be updated and has begun doing so.

#### E. Racial Equity 101 Training and Health Equity in the Fiscal Year 24 State Budget

Chair Dr. McKiernan introduced the Racial Equity 101 training as the next topic for consideration. Dr. McKiernan shared her difficulty with completing the training as it must be done live and only takes place during typical working hours and questioned if there was a possibility of offering evening classes. Meeting attendees who completed the training shared their experiences and noted that participants can provide feedback at the end of the training. Dr. McKiernan agreed to reach out to her point of contact asking for increased accessibility as it is anticipated that more Board and Committee members may run into this issue. Dr. McKiernan also noted that she will reach out to the Town Administrator and Selectboard to explore the option of having Town Board and Committee members take the training as well.

## F. Syringe Services Program

Chair Dr. McKiernan announced the syringe services program as the next topic of business. Director Hart summarized the Town's need for a syringe service program as the prevalence of needle syringes increases. Hart learned of the services provided by Tapestry from neighboring Towns and reached out regarding a potential partnership. Hart was advised to secure services to be state funded by reaching out to the state with a request to participate in a syringe services program. To do so, the Board of Health would have to accept a syringe services program in the Town. A copy of the meeting minutes reflecting the approval would have to be sent to the state for consideration. Chair Dr. McKiernan shared she would accept a motion to allow for a qualified and appropriate organization to offer syringe services in the Town of South Hadley. Walsh Pio made the motion and Collins seconded it. A rollcall was taken. All Boards were in favor.

## 4. Old Business:

### A. South Hadley Human Rights Commission- Status

Collins shared she had initially nominated Jonencia Woods as a potential candidate for the position. Wood is not an eligible candidate as all Board and Committee members must be South Hadley residents. Board members proposed Lori Souder a potential candidate. Chair Dr. McKiernan noted she would accept a motion to accept Lori Souder as the Board's nominee for the commission. Walsh Pio made the motion and Dr. McKiernan seconded it. A rollcall was taken. All Board members were in consensus.

## 5. Joint Meeting with the Selectboard to discuss ARPA Administrative Position to Board of Health

Chair Dr. McKiernan welcomed the Selectboard to the hybrid Board of Health meeting. The Selectboard Chair, Andrea Miles called the Selectboard meeting to order at 7:01 pm. Chair Miles noted the joint meeting was being hosted to give the Board of Health the opportunity to provide additional narrative surrounding the request for an Administrative Assistance to be funded by ARPA. Director Hart and Assistant Jernigan summarized the additional work that the pandemic brought to the office, causing a backup in records management. A discussion pursued and the Selectboard agreed to grant the Board of Health an initial funding of 25,000 dollars for a year's salary for an administrative assistant set to work 19 hours a week. The position will be reviewed after a year with the remaining request of 50,000 dollars up for consideration.

Chair Miles mentioned that the creation of a stabilization fund was recently approved at Town meeting for the opioid settlement. Town Administrator, Lisa Wong noted that the next step is to identify groups of people, organizations, entities, and stakeholders that would make recommendations to be voted on

at Town Meeting. Wong proposed having the Board of Health make suggestions of parties that should be involved in this process and priority areas that should be considered. Board members proposed having a representative from the South Hadley Drug and Alcohol Coalition and a member from Tapestry be considered to join the task force. The Town Administrator and Director Hart would oversee the organization of the task force. The task force would consist of both municipal and non-municipal agencies in hopes of having various interest groups represented. Wong mentioned the importance of having a needs assessment conducted and gaining community insight as well. The task force would be an ad hoc committee not subjected to open meeting laws.

The Selectboard adjourned the joint meeting and resumed their hybrid meeting separately.

**Discussion about Next Meeting Agenda Items pursued:**

Walsh Pio expressed interest in presenting an update regarding the South Hadley Drug and Alcohol Coalition at the meeting as an agenda item. Chair Dr. McKiernan recalled Frantz had previously requested to discuss gun violence as a public health issue. Director Hart noted it was established that gun violence was not the Board's purview. Collins agreed to provide a brief presentation on the topic at the next meeting just for reference.

**6. Set Next Meeting Date – (TBD) at 6:00 p.m. at South Hadley Library**

The next meeting date was set for June 13<sup>th</sup> at 6:00 pm in the Trustees room at the South Hadley library. All present members were in consensus with the next meeting date being June 13<sup>th</sup> at 6pm at the library.

**7. Adjourn the meeting:**

The meeting was adjourned at 7:47 p.m.

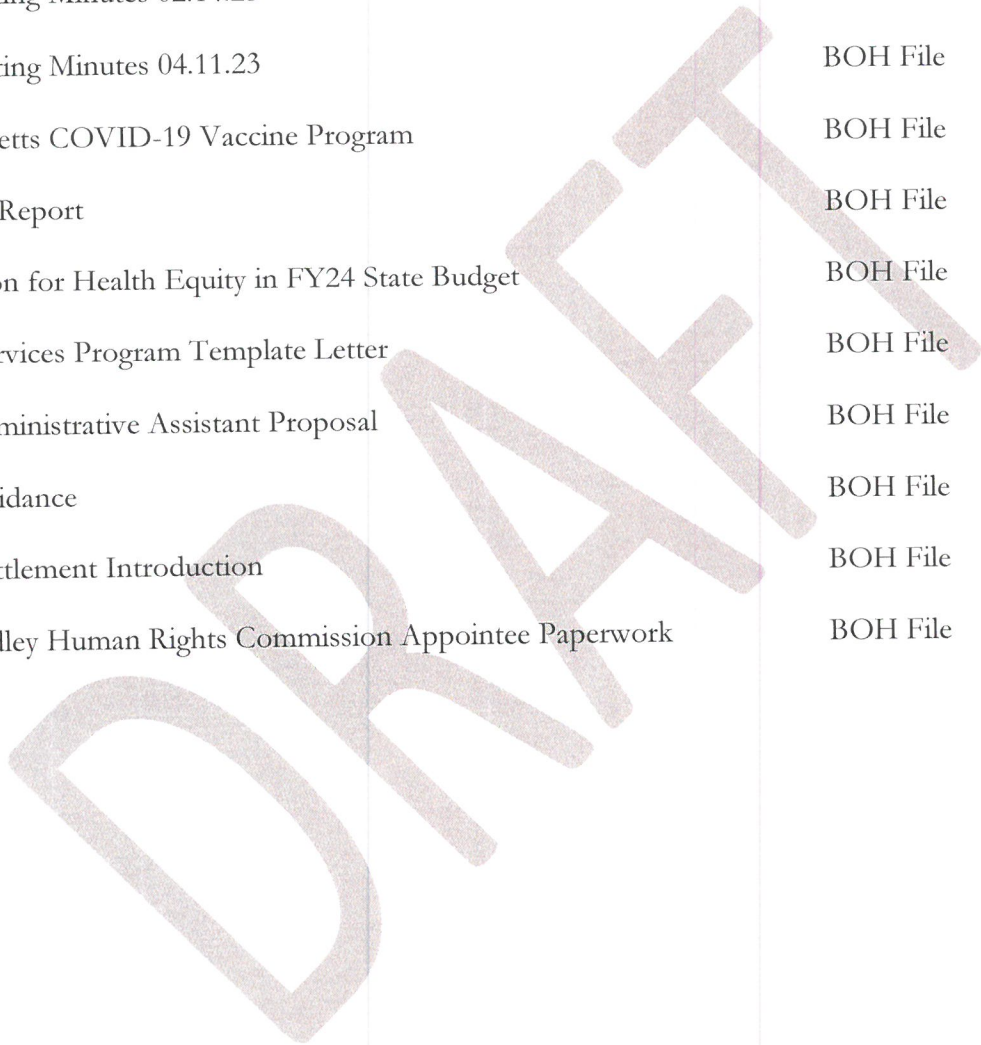
Respectfully,

Monasia Ceasar

ATTACHMENT A

RECORD LOCATION

BOH Meeting Minutes 02.14.23	BOH File
BOH Meeting Minutes 04.11.23	BOH File
Massachusetts COVID-19 Vaccine Program	BOH File
Director’s Report	BOH File
Take Action for Health Equity in FY24 State Budget	BOH File
Syringe Services Program Template Letter	BOH File
ARPA Administrative Assistant Proposal	BOH File
ARPA Guidance	BOH File
Opioid Settlement Introduction	BOH File
South Hadley Human Rights Commission Appointee Paperwork	BOH File





Consumer Confidence Report Certification

For calendar year 2022

A. PWS Information

Important: When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



South Hadley Fire District No.2

1275001

PWS Name

PWS ID

South Hadley

6200

City /Town

Max population

The community water system named above hereby certifies that its Consumer Confidence Report (CCR) was distributed to customers, appropriate agencies, and notices of availability have been given in compliance with 310 CMR 22.16A. Furthermore, the system certifies that the information contained in the report is correct and consistent with the compliance monitoring data previously submitted to MassDEP.

Timothy Cauley

Name

Superintendent

Title

413 - 532 - 9210

Phone

tcauley@shfd2.com

E-Mail

May 30, 2023

Date

I certify under penalty of law that I am the person authorized to fill out this form and the information contained herein is true, accurate, and complete to the best of my knowledge and belief.

Signature of Owner/Responsible Party or Certified Operator

B. Public Notice Certification

VSS PWS note: if you deliver your CCR by newspaper or postings, that method will not meet PN requirements. You must directly deliver your PN by hand, land mail, or email.

Is this system using this CCR to provide Tier 3 Public Notice to their customers? [ ] Yes [X] No

The PN is for a: Violation [ ] UCMR [ ] Other [ ]

List other

Did you have a consultation with MassDEP? [ ] Yes [ ] No

Consultation date

The PN can be found on page \_\_\_ of the CCR.

Date of PN Occurrence NON-Number

[ ] I am reporting multiple Tier 3 PNs. I have listed the additional PN information at the end of this form.

The public water system indicated above hereby affirms that a Tier 3 public notice has been provided within this CCR to consumers in accordance with 310 CMR 22.16(4) including: delivery, content, format requirements, notification deadlines, and that the public water system will meet future requirements for notifying new billing units and new customers of the violation.

If you did not sell water to another community PWS skip Section C.

C. For Systems Selling Water to Other Community Water Systems

[ ] My system delivered the applicable information required at 310 CMR 22.16A(3), to the buying system(s) no later than April 1st of this year, or by the mutually agreed upon date specifically included in a written contract between the parties.

D. Annual Cross Connection Education

Is this CCR being used for your system's annual cross-connection education? [X] Yes [ ] No
If no, what methods did you use to meet your annual CCCP requirements (citation)?

ALL distribution (posting, land mail, or e-delivery, publication, and good faith efforts) must be completed on or before July 1<sup>st</sup>.

Instructions for customers to request a hard copy must also be included in e-delivery.

When a URL is used it must be a *direct* link to the document; no other clicks allowed.

## E. Consumer Delivery Methods – Based on Population Served

**For systems serving fewer than 500 persons:**  
(Choose #1 or #2)

Date of delivery/publication:

1. My system used one or more of the following methods to notify customers that their CCR would not be mailed directly to them but is available to them upon request. (the notice is attached)

Land-mail     Door-to-door     Newspaper     eMail     Posted notices

Locations of posted notices

2. My system provided a CCR to each customer by the following method(s):

Published the full CCR in a local newspaper (the published report from newspaper is attached).

Land-mailed or hand-delivered the CCR to consumers.

e-Mailed with the CCR either embedded in the email or attached as a PDF. (e-mail is attached)

Posted the CCR on the web and sent the direct URL to customers by way of land-mail or email (notice/postcard is attached).

List URL

**For systems serving 500 to 9,999 persons:**  
(Choose either #1 or #2)

Date of delivery/publication:

1. My system provided a copy of the CCR to each customer by:

Land-mail     e-Mail with PDF of CCR     e-Mail with embedded CCR

Sent a notice (by land or e-mail) containing a *direct* URL to customers (copy is attached)

[https://www.shdistrict2.org/sites/g/files/vyhlif3811f/uploads/2022\\_consumer\\_confidence\\_report.pdf](https://www.shdistrict2.org/sites/g/files/vyhlif3811f/uploads/2022_consumer_confidence_report.pdf)

List the URL if used

2. My system provided the CCR to each customer by publishing the full report in a newspaper (a copy of the published CCR is attached) and provided notice to consumers of this action by either:

Published a notice of this in a local newspaper

Land mailed a notice of this to consumers.

e-Mailed a notice of this to consumers.

**For systems serving 10,000 or more persons:**

Date of delivery/publication:

My system provided a copy of the CCR to each customer by:

Land mail     e-Mail with PDF     e-Mail with embedded CCR

Sent a notice (by land or e-mail) containing a *direct* URL to customers

List the URL if used.

For systems serving greater than 100,000 population: In addition to one of the delivery methods checked above, we have posted the CCR on a publicly accessible Internet site as required.

www.

List the URL used

## F. Good Faith Delivery Methods (minimum of 3 is required for any sized systems)

Good Faith efforts are *in addition* to your primary method of delivery.

To reach people who drink our water but are not billed customers the following were conducted in addition to the required delivery:

- Posted the CCR on a publicly accessible Internet site at the following address. (Only for systems under 100,000 population who did not use this method as their primary method)

www.

List the URL used.

- Mailed the CCR to all postal patrons within the service area (list of zip codes used is attached).

- Mailed a postcard listing the URL where the CCR can be found, to all postal patrons within the service area (list of zip codes used is attached).

www.

List the URL used.

- Advertised availability of the CCR in the following news media (the announcement is attach):

Radio     Newspaper     Television / cable     Social media     Digital signboard

- Published the CCR in local newspaper (attach the published CCR).

- Posted the CCR in public places i.e., post office, town hall, library (list of locations is attached).

- Delivered multiple CCR copies to single-bill addresses serving several persons i.e., apartments, businesses, large private employers (list of locations is attached).

- Delivered multiple CCR copies to community organizations (list of organizations is attached.)

- Posted the CCR or a notice of availability at locations within the apartment/condo complex (list of the locations is attached).

- Deliver CCR to new residents when they move in.

Other

## G. Mandatory Agency Delivery Requirements

All systems must submit CCR to these three agencies

1. **Local Board of Health**  
Deliver 1 copy of CCR and the Certification Form (Contact your board of health as to whether they would prefer hardcopy or e-delivery of CCR.)

6-5-2023  
Date completed

Agencies and consumers must receive CCR on or before July 1.

2. **MA Dept. of Public Health**  
Deliver 1-copy of CCR and the Certification Form  
 PDF emailed to: [dph.ccr@massmail.state.ma.us](mailto:dph.ccr@massmail.state.ma.us)  
or  
 Hardcopy to: 250 Washington St.; Boston, MA 02108

6-5-2023  
Date completed

For e-delivery, scan documents into one PDF file. Make sure Cert Form is first with CCR following it.

3. **MassDEP Boston Office\***  
Deliver 1 copy of CCR, the Certification Form, and all needed attachments  
 PDF emailed to: [Program.Director-DWP@Mass.gov](mailto:Program.Director-DWP@Mass.gov).  
Label it [PWSID-PWS Name-year-CCR]  
Or in case of hardship:  
 Hardcopy to: MassDEP-CCR Program, 100 Cambridge St. Ste 900; Boston, MA 02114

6-5-2023  
Date completed

\*The preferred delivery method is email.

--Do not send to MassDEP regional offices--  
Only Boston is accepting CCRs

## 2022 Consumer Confidence Report

### **South Hadley Fire District No.2 Water Department** **South Hadley, Massachusetts** **MASSDEP PWSID # 1275001**

#### Declaracao importante sobre a disponibilidade da CCR 2022

Si desea una copia en español, comuníquese con el Departamento de Agua al (413) 532-9210

This report is a snapshot of the drinking water quality that we provided last year. Included are details about where your water comes from, what it contains, and how it compares to state and federal standards. We are committed to providing you with this information because informed customers are our best allies.



#### **Water System Improvements**

Our water system is routinely inspected by the Massachusetts Department of Environmental Protection (MassDEP). MassDEP inspects our system for its technical, financial, and managerial capacity to provide safe drinking water to you. To ensure that we provide the highest quality of water available, your water system is operated by a Massachusetts certified operator who oversees the routine operations of our system. As part of our ongoing commitment to you, last year we made the following improvements to our system:

*Extensive leak detection and repair, valve maintenance District wide, and Converted Hydrants old to new.*

#### **Opportunities for Public Participation**

To become involved with the water quality decisions you may participate in public meetings, held every second Thursday of each month at 5:30 P.M. (unless otherwise posted), in the South Hadley Fire District No. 2 meeting room, 20 Woodbridge Street, South Hadley.

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## YOUR DRINKING WATER SOURCE

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### Where Does My Drinking Water Come From?

South Hadley Fire District No.2 pumps groundwater from our wells at Dry Brook Station Aquifer MASS DEP # 04G and 05G. The quality of water that we are able to pump in any given minute, day, month or year is strictly governed by the Massachusetts Department of Environmental Protection. Back-up water supplies would come from South Hadley Fire District No.1 in case of an emergency. We have seven (7) interconnections between the two systems.

In 2022 we pumped 136,831,000 gallons of water from our ground water wells. Delivering safe drinking water to our customers is our highest priority. Our team appreciates the trust you put in us every day when you turn on the tap. We are committed to honoring that trust and delivering a quality product and world class service to our customers. If you have any questions or comments about your drinking water on this report, please call our office at 413-532-9210.

### Is My Water Treated?

Our water system makes every effort to provide you with safe and pure drinking water. To improve the quality of the water delivered to you, we treat it to remove contaminants.

- We add sodium hypochlorite (liquid chlorine) for disinfection to maintain compliance with MCLs or action levels.

The water quality of our system is constantly monitored by us and MassDEP to determine if any future treatment may be required.

### How Are These Sources Protected?

In order to maintain water quality within your home, it is suggested by the South Hadley Fire District No. 2 Water Department that you remove and clean each faucet aerator twice annually. Aerators are the screens that screw into the end of the faucet.

Our goal is to provide you with a continuous supply of quality drinking water. We welcome comments and suggestions you may have to help us reach and maintain that goal.

### Protecting Your Water Source

**SWAP** (Source Water Assessment Program) is a program of the Massachusetts Department of Environmental Protection (DEP) to study existing and potential threats to the quality of public drinking water sources throughout the state. Sources are rated depending upon their contaminant susceptibility.

The Massachusetts Department of Environmental Protection (DEP) has prepared a Source Water Assessment Program (SWAP) report for the South Hadley Fire District No. 2 Water Department. We use this report to assess and improve our water. Copies of this report are available upon request, or by logging on to:

<https://www.mass.gov/service-details/the-source-water-assessment-protection-swap-program>

### Water Quality Statement

The data presented in the table Detected Contaminants is the same data collected to comply with U.S. EPA and the Massachusetts state monitoring and testing requirements. We have learned through our testing that some contaminants have been detected well below the levels set by the EPA. To assure high quality water, individual water samples are taken each year for chemical, physical and microbiological tests. Tests are done on water taken from the source and, for lead and copper monitoring, from the customer's tap. Testing can pinpoint a potential problem so that preventative action may be taken.

### Residents can help protect sources by:

- Practicing good septic system maintenance
- Supporting water supply protection initiatives
- Taking hazardous household chemicals to hazardous materials collection days
- Contacting the water department or Board of Health to volunteer for monitoring or education outreach to schools
- Limiting pesticide and fertilizer use, etc.

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## *SUBSTANCES FOUND IN TAP WATER*

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

Contaminants that may be present in source water include:

**Microbial contaminants** -such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.

**Inorganic contaminants** -such as salts and metals, which can be naturally-occurring or result from urban stormwater runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, and farming.

**Pesticides and herbicides** -which may come from a variety of sources such as agriculture, urban stormwater runoff, and residential uses.

**Organic chemical contaminants** -including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff, and septic systems.

**Radioactive contaminants** -which can be naturally occurring or be the result of oil and gas production and mining activities.

In order to ensure that tap water is safe to drink, the Department of Environmental Protection (MassDEP) and U.S. Environmental Protection Agency (EPA) prescribe regulations that limit the amount of certain contaminants in water provided by public water systems. The Food and Drug Administration (FDA) and Massachusetts Department of Public Health (DPH) regulations establish limits for contaminants in bottled water that must provide the same protection for public health.

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



### ***Important Health Information***

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

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. South Hadley Fire Dist. No.2 Water Department is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at <http://www.epa.gov/safewater/lead>.

**PFAS/PFOAS** – Perfluorooctanoic acid (PFAO) is part of a large group of lab-made chemicals known as perfluoroalkyl and polyfluoroalkyl substances (PFAS). Some of these chemicals have been in commercial use since the 1940s and are used to make Fluoropolymer coating and products that resist heat, oil, stains, grease, and water. Studies are being conducted currently to determine the long-term effects in exposure to these substances. Currently the South Hadley District 2 water source has been tested resulting in levels of NO DETECTION for PFAS and PFOAS.

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## IMPORTANT DEFINITIONS

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

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

**Action Level (AL)** – The concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system must follow.

**90<sup>th</sup> Percentile** – Out of every 10 homes sampled, 9 were at or below this level.

**Secondary Maximum Contaminant Level (SMCL)** – These standards are developed to protect the aesthetic qualities of drinking water and are not health based.

### **Unregulated Contaminants**

Unregulated contaminants are those for which EPA has not established drinking water standards. The purpose of unregulated monitoring is to assist EPA in determining their occurrence in drinking water and whether future regulation is warranted.

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

**Maximum Residual Disinfectant Level Goal (MRDLG)** -- The level of a drinking water disinfectant (chlorine, chloramines, chlorine dioxide) below which there is no known expected risk to health. MRDLG's do not reflect the benefits of the use of disinfectants to control microbial contaminants.

### Abbreviation's

ppm = parts per million, or milligrams per liter (mg/l)

ppb = parts per billion, or micrograms per liter (ug/l)

ppt = parts per trillion, or nanograms per liter

pCi/l = picocuries per liter (a measure of radioactivity)

MFL = Million Fibers per Liter

NTU = Nephelometric Turbidity Units

ND = Not Detected

N/A = Not Applicable

Mrem/year+ millirem's per year (a measure of radiation absorbed by the body)

## WATER QUALITY TESTING RESULTS

### What Does This Data Represent?

The water quality information presented in the table is from the most recent round of testing done in accordance with the regulations. All data shown was collected during the last calendar year unless otherwise noted in the table.

Regulated Contaminant	Date(s) Collected	Highest Result or Highest Running Average Detected	Range Detected	MCL or MRDL	MCLG or MRDLG	Violation (Y/N)	Possible Source(s) of Contamination
Asbestos (ppm)	2022	<.17	<.17	7 MFL	7MFL	NO	Byproduct from Asbestos Water Main
Chlorine (ppm)	2021	.52	.38	4	4	NO	Water additive used to control microbes
Haloacetic acids (ppb)	2021	N/A	No Detection	.060	.060	NO	By Product of drinking water chlorination
Nitrate (ppm) Well 1	2021	1.08	.84	10	10	NO	Runoff from fertilizer use; leaching from septic tanks; sewage; erosion of natural deposits
Nitrate (ppm) Well 2	2021	1.07	.84	10	10	NO	Runoff from fertilizer use; leaching from septic tanks; sewage; erosion of natural deposits
Nitrate (ppm) Well 1	2022	0.84	0.84	10	10	NO	Runoff from fertilizer use; leaching from septic tanks; sewage; erosion of natural deposits
Nitrate (ppm) Well 2	2022	0.84	0.84	10	10	NO	Runoff from fertilizer use; leaching from septic tanks; sewage; erosion of natural deposits
Perchlorate (ppb)	2021	No Detection	No Detection	2	2	NO	Rocket propellants, fireworks, munitions, flares, blasting agents
Trihalomethanes (ppb)	2021	.00329	.00329	.080	.080	NO	By Product of drinking water chlorination

### UNREGULATED CONTAMINANTS

**2021**

Unregulated Contaminant	Date(s) Collected	Highest Result or Highest Running Average Detected	Range Detected	MCL or MRDL	MCLG or MRDLG	Violation (Y/N)	Possible Source(s) of Contamination
Iron (ppm) Well - 1	2021	0.024	<.010	N/A	0.3	No	Erosion of Natural Deposits
Iron (ppm) Well - 2	2021	0.095	<.010	N/A	0.3	No	Erosion of Natural Deposits
Manganese (ppm) Well - 1	2021	<.001	<.001	N/A	0.05	No	Erosion of Natural Deposits
Manganese (ppm) Well -2	2021	0.003	0.002	N/A	0.05	No	Erosion of Natural Deposits

*UNREGULATED CONTAMINANTS*

**2022**

Unregulated Contaminant	Date(s) Collected	Highest Result or Highest Running Average Detected	Range Detected	MCL or MRDL	MCLG or MRDLG	Violation (Y/N)	Possible Source(s) of Contamination
Iron (ppm) Well - 1	2022	0.012	0.012	N/A	0.3	No	Erosion of Natural Deposits
Iron (ppm) Well - 2	2022	<0.010	<0.010	N/A	0.3	No	Erosion of Natural Deposits
Manganese (ppm) Well - 1	2022	<.001	<.001	N/A	0.05	No	Erosion of Natural Deposits
Manganese (ppm) Well -2	2022	<.001	<.001	N/A	0.05	No	Erosion of Natural Deposits

*COMPLIANCE WITH DRINKING WATER REGS*

**Does My Drinking Water Meet Current Health Standards?**

We are committed to providing you with the best water quality available. We are proud to report that last year your drinking water met all applicable health standards regulated by the state and federal government.

*EDUCATIONAL INFORMATION*

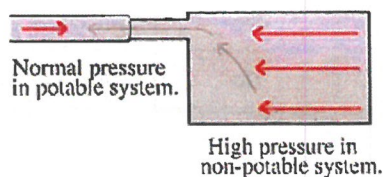
**Cross-Connection Control and Backflow Prevention**

The South Hadley Fire District No.2 Water Department makes every effort to ensure that the water delivered to your home and business is clean, safe and free of contamination. Our staff works very hard to protect the quality of the water delivered to our customers from the time the water is extracted via deep wells from underground aquifers or withdrawal point from a surface water source, throughout the entire treatment and distribution system. But what happens when the water reaches your home or business? Is there still a need to protect the water quality from contamination caused by a cross-connection? If so, how?

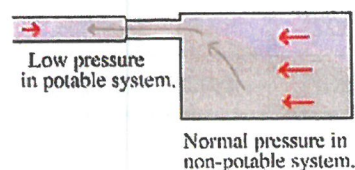
**What is a backflow?**

Backflow is the undesired reverse of the water flow in the drinking water distribution lines. This backward flow of water can occur when the pressure created by equipment or a system such as a boiler or air-conditioning is higher than the water pressure inside the water distribution line (back pressure), or when the pressure in the distribution line drops due to routine occurrences such as water main breaks or heavy water demand causing the water to flow backward inside the water distribution system (back siphonage). Backflow is a problem that many water consumers are unaware of, a problem that each and every water customer has a responsibility to help prevent.

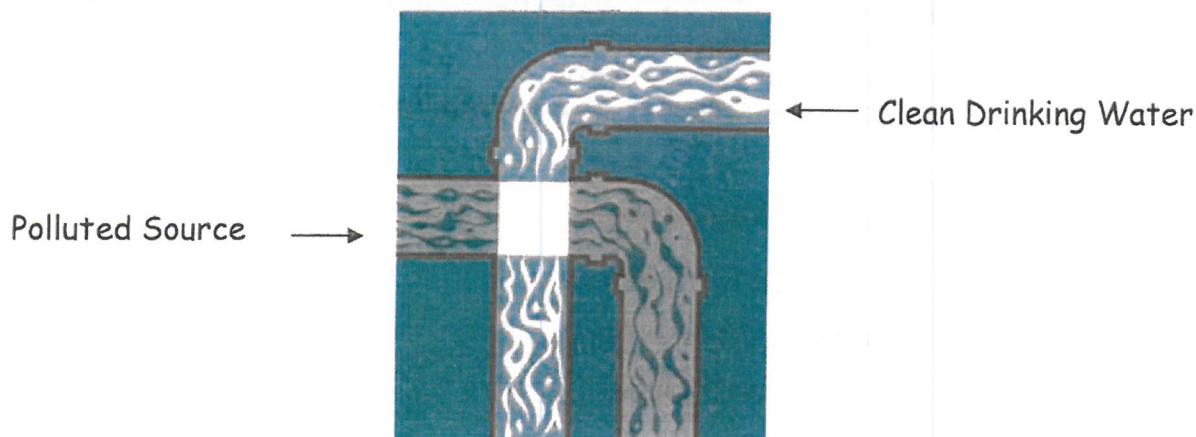
**Back Pressure:**



**Back Siphonage:**



## What is a Cross Connection and what can I do about it?



A cross connection is a connection between a drinking water pipe and a polluted source. The pollution can come from your own home. For instance, you're going to spray fertilizer on your lawn. You hook up your hose to the sprayer that contains the fertilizer. If the water pressure drops at the same time you turn on the hose, the fertilizer may be sucked back into the drinking water pipes through the hose. This problem can be prevented by using an attachment on your hose called a backflow-prevention device.

The South Hadley Fire District No.2 Water Department recommends the installation of backflow prevention devices, such as a low-cost hose bib vacuum breaker, for all inside and outside hose connections. You can purchase this at a hardware store or plumbing supply store. This is a great way for you to help protect the water in your home as well as the drinking water system in your town! For additional information on cross connections and on the status of your water systems cross connection program, please contact us at 413-532-9210.

### What can I do to help prevent a cross-connection?

Without the proper protection something as simple as a garden hose has the potential to contaminate or pollute the drinking water lines in your house. In fact over half of the country's cross-connection incidents involve unprotected garden hoses. There are very simple steps that you as a drinking water user can take to prevent such hazards, they are:

- NEVER submerge a hose in soapy water buckets, pet watering containers, pool, tubs, sinks, drains, or chemicals.
- NEVER attached a hose to a garden sprayer without the proper backflow preventer.
- Buy and install a hose bibb vacuum breaker in any threaded water fixture. The installation can be as easy as attaching a garden hose to a spigot. This inexpensive device is available at most hardware stores and home-improvement centers.
- Identify and be aware of potential cross-connections to your water line.
- Buy appliances and equipment with backflow preventers.
- Buy and install backflow prevention devices or assemblies for all high and moderate hazard connections.

If you are the owner or manager of a property that is being used as a commercial, industrial, or institutional facility you must have your property's plumbing system surveyed for cross-connection by your water purveyor. If your property has NOT been surveyed for cross-connection, contact your water department to schedule a cross-connection survey.

## Important Notice

### Paying Bills:

If you need to pay a water bill while the office is closed to the public, there are three options to pay.

- 1.) You can send in your payment by US Post Office.
- 2.) You may leave your payment in the drop box located at the office at:  
20 Woodbridge Street. The box is located to the right of the door and is collected daily. If you choose to use the drop box for security reasons, please do not leave cash.
- 3.) You can pay your bill online at [www.shdistrict2.org](http://www.shdistrict2.org)

South Hadley Fire District No. 2 Water Department  
20 Woodbridge Street  
South Hadley MA 01075  
Tele: 413-532-9210 – Web Address: [www.shdistrict2.org](http://www.shdistrict2.org)

*Water Commissioners*

Frank DeToma, Chair

Katherine Bedard, Clerk

Dan Luis, Member

**Superintendent**

Timothy Cauley

*Staff*

Tyler Scheinost, Water Systems Operator, Foreman/Backflow Coordinator

Michael Bourbeau, Water Systems Operator

Dylan Koske, Entry Level Field Employee

Joanne Carbin-Bryan, Administrative Assistant

Office Hours: Monday through Friday, 8:30 a.m. till 2:30 p.m.

Beginning in 2016, South Hadley Fire District No.2 (SHFD2) no longer mails individual copies of the Consumer Confidence Report to customers, as it is available electronically by following the link on your water bill. Printed copies will be available in our office on or before July 1, 2022. If you have any questions, please contact the Water Department during regular business hours, Monday through Friday, from 8:30 AM until 2:30 PM

