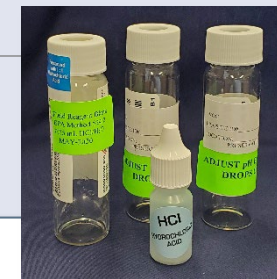




Chemical Monitoring Waivers for Volatile Organic Compounds (VOCs) and Synthetic Organic Compounds (SOCs)

NHWWA
December 7, 2021
Sandy Crystall
chemwaivers@des.nh.gov



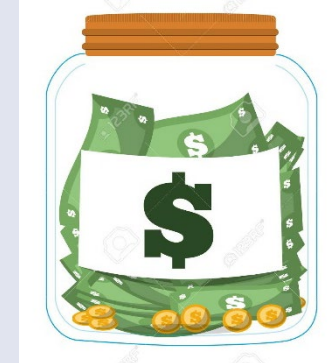
SOCs/VOCs MONITORING WAIVER(S)

<u>Source Id</u>	<u>Source Description</u>
001	BRW /435' NNE OF ADMIN BLDG SOC waiver expires on 12/31/2021. VOC waiver expires on 12/31/2021.

Participation could save money. Reapply.
Participation could save money. Reapply.

Overview

- Process.
- Chem waiver criteria (rules).
- NHDES review.
- Decision letter.
- Educational mailing.



Chemical Monitoring Waiver Application for Large Systems
Drinking Water and Groundwater Bureau

NEW HAMPSHIRE WATER AND SEWERAGE UTILITIES BUREAU
Attn: Chemical Monitoring Waiver Program Manager
PO Box 90
CONCORD NH 03301-0090
Email: chemmon@des.nh.gov
Phone Number: (603) 271-2282
Fax Number: (603) 271-2424

*** ALL INFORMATION IS REQUIRED. PLEASE PRINT LEGIBLY ***

All systems must renew their chemical monitoring waivers every three years regardless of waiver duration. Applications must be submitted for each well. If you have more than one well there should be one application for each well.

I. SYSTEM INFORMATION

PNJ ID and Source Number (see page 2000000-000) 280000-000

System Name: WHITEFIELD WATER

System Type (Community or Non-Community, Non-Community): COMMUNITY SYSTEM

System Address: 67 LITTLETON RD, WHITEFIELD, NH 03894

Chemical monitoring waiver expiration date (see waiver pending schedule) 12/31/2025

II. PAYER CONTACT INFORMATION (NOTE - Large non-payers (see above))

Company Name: PETER CORRIE

Company Name: TOWN OF WHITEFIELD

Mailing Address: 98 LITTLETON RD

City/Town: WHITEFIELD State: NH Zip: 03896

Site Phone Number: 603-887-2393

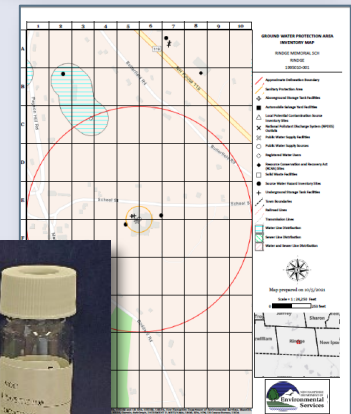
Site Phone Number: 603-887-2393

Site Fax Number: 603-887-2348

Email Address: admin@watercommission.com

Primary Operator: FREDRICK HADDERSON

December 4, 2020



Process

- SOC/VOC Sampling with non-detect results.
- Windshield survey (BMP inspections req'd for large systems).
- Complete/ update Waiver form.
- Submit to NHDES before expiration date.
- NHDES reviews and issues decision letter.
- Distribute educational information and submit completion form to NHDES.

NHDES-W-03-035P FWS ID#: 2501010-008, 014

Chemical Monitoring Waiver Application for Large Systems

Drinking Water and Groundwater Bureau
RSA/Rule: RSA 485:3, I; Env-Dw 712.20 - Env-Dw 712.22

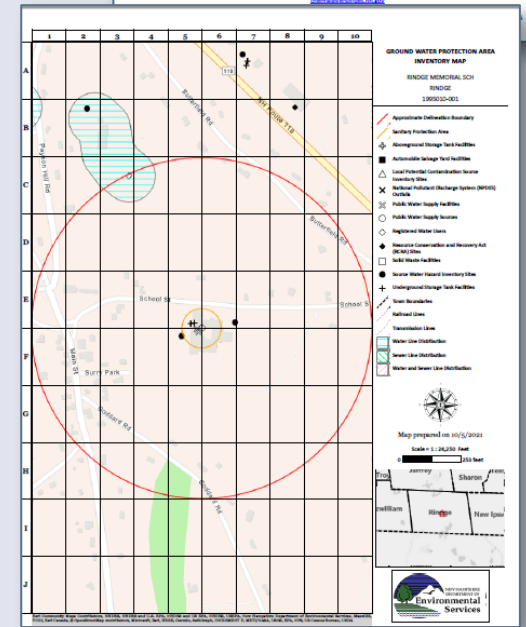
NHDES DRINKING WATER AND GROUNDWATER BUREAU
Attn: Chemical Monitoring Waiver Program Manager
PO BOX 95
CONCORD NH 03302-0095
Email: chemwaivers@des.nh.gov
Phone Number: (603) 271-2862
Fax Number: (603) 271-0454

*** ALL INFORMATION IS REQUIRED. PLEASE PRINT LEGIBLY ***

All systems must renew their chemical monitoring waivers every three years regardless of waiver duration. Applications must be submitted for each well. If you have more than one well there should be one application for each well.

1. SYSTEM INFORMATION		
FWS ID and Source Number (example 000000-000): 2501010-008		
System Name: WHITEFIELD WATER		
System Type (Community or Non-Transient, Non-Community): COMMUNITY SYSTEM		
System Address: 67 LITTLETON RD, WHITEFIELD, NH, 03598		
Chemical monitoring waiver expiration date (see master sampling schedule): 12/31/2021		
2. FWS CONTACT INFORMATION (NOTE - Legal name only (no nicknames))		
Owner Name: PETER COREY		
Company Name: TOWN OF WHITEFIELD		
Mailing Address: 66 LITTLETON RD		
City/Town: WHITEFIELD	State: NH	Zip: 03598
Day Phone Number: 603-837-2551	Emergency Phone Number:	
Cell Phone Number:	Fax Number: 603-837-3148	
Email Address: administrativeassistant@whitefieldnh.org		
Primary Operator: FREDRICK INGERSOLL		

Chemical Monitoring Waiver Program Manager
chemwaivers@des.nh.gov



Waiver Criteria

Eligibility for Waivers

- Env-Dw 712.20 VOC Contaminants Monitoring Waivers
- Env-Dw 712.21 SOC Contaminants Monitoring Waivers

Waiver form requires **updated information:**

- Proximity of certain activities or land uses to the source(s).
- Daily water usage.
- Any new contact information for correspondence.

State of New Hampshire Department of Environmental Services Inventory of Potential and Existing Sources of Groundwater Contamination Within the Wellhead Protection Area

EPA ID: 027000-001

SYSTEM NAME: FISHERFIELD TOWNHOUSES

TOWN: BRADFORD

NOTES: Report prepared on 01/2/2010 by the NHEHS Drinking Water and Groundwater Bureau. Only CEI features contained within the approximate delineation boundary are listed. The map-cell column in the report indicates which 200 X 400 foot grid cell the site of facility is located on the accompanying map. For example, a map cell value of "C1" indicates column "C" and row "1". Text outlined in a blue rectangle provides a link to the facility's DES/Outcrop page providing additional information.

Public Water Supply Sources and Facilities

SAC #	SYSTEM NAME	SYSTEM ADDRESS	SYS. TYPE	SYS. ACCL. REC.	SYS. ACCL. REC.	SAC REC.	WELL TYPE	WELL DEPTH	POP. SERVED	MAP CELL	
02Z050	FISHERFIELD	64 W MAIN ST	C	C	ACTIVE	G	ACTIVE	50	BRW	280	40 ES
02Z050	FISHERFIELD	64 W MAIN ST	C	C	ACTIVE	E	ACTIVE	FR			40 ES

Resource Conservation & Recovery Act (RCRA) Sites

These are facilities that generate hazardous waste. If a release is documented, it is also listed under the Source Water Hazard Inventory Sites.

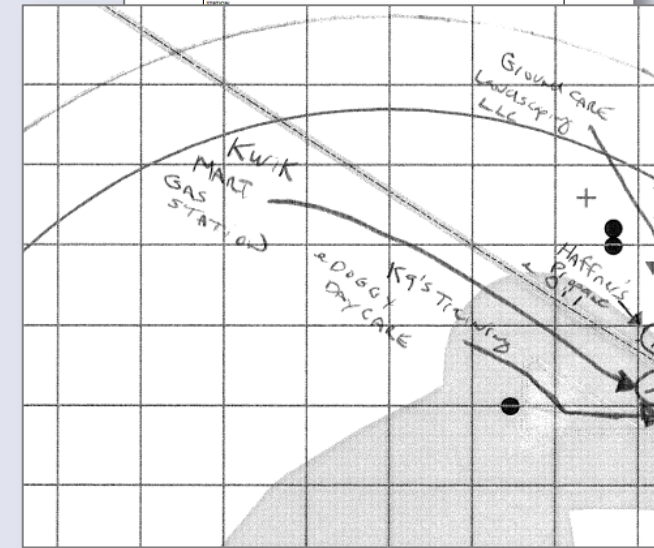
FACILITY SITE#	FACILITY NAME	FACILITY ADDRESS	STATUS	REGULATED GEN. TYPE	MAP CELL
NH05021428-000408	BRADFORD MOTORS	57 W MAIN ST, BRADFORD	INACTIVE	STATE	F3
NH05021349-000408	FAMILY & FRIENDS GARAGE	MAIN ST, BRADFORD	INACTIVE	STATE	08
NH05021743-000322	CAR CARE OF BRADFORD	MAIN ST, BRADFORD	INACTIVE	STATE	14

Source Water Hazard Inventory Sites

This includes all Groundwater Hazard Inventory, Remediation Sites, and Initial Response Spill Sites regulated by NHEHS to ensure water resource protection. If status is not indicated, it is assigned to a project manager.

Risk Codes: 1 - Immediate risk to human health; 2 - In wellhead protection area or within 1000' of well; 3 - Fine grained or high level source; 4 - Surface water impact; 5 - Groundwater impact, no alternate water; 6 - High concentration, alternate water available; 7 - Low concentration, alternate water available; 8 - No response, no available groundwater quality standard violation results (NCR) - Not set default.

FACILITY SITE#	FACILITY NAME	FACILITY ADDRESS	PROJECT TYPE	STATUS	RISK	MAP CELL
18000000-000221	FORMER BOWMEY MARKET	128 E MAIN ST, BRADFORD	LUST		7	08
18000000-000222	FORMER BOWMEY MARKET	128 E MAIN ST, BRADFORD	OTHER		1	08
18000000-000342	HEIDEMACK COUNTY TELEPHONE CO.	MAIN STREET, BRADFORD	LUST	CLOSED	8	14
18000000-000372	FORMER CREDIT AND WILLIAMS	MAIN ST, BRADFORD	LUST	CLOSED	8	14



Examples of Criteria in Rules

- Compliance-related requirements (addressing deficiencies).
- Distances of known or potential contamination sources, existing ASTs or USTs, solid waste facilities, other land uses, depending on waiver sought:
 - Within certain distance of **source**:
examples: parking lot (50 ft.), UST with petroleum product (1,000 ft)
 - Within **sanitary protection area (SPA)**:
examples: septic system, storage of regulated substances, chemical use
 - Within source water protection area (**SWPA**):
examples: solid waste facility, landfill.

State of New Hampshire Department of Environmental Services Inventory of Potential and Existing Sources of Groundwater Contamination Within the Wilkesboro Protection Area

SPW ID: W000000000
SYSTEM NAME: FIFEESFIELD-TOWNSHIPS

TOWNSHIP: BELLEVILLE

System Name: FIFEESFIELD-TOWNSHIPS

SPW ID	SPW NAME	SPW TYPE	SPW STATUS	SPW ACT. DATE	SPW SEC. DATE	SPW SEC. TYPE	SPW DEP. DATE	SPW DEP. TYPE	SPW DEP. DATE	SPW DEP. TYPE
W000000000	FIFEESFIELD-TOWNSHIPS	ACTIVE	ACTIVE	01/01/2010	01/01/2010	ACTIVE	01/01/2010	01/01/2010	01/01/2010	01/01/2010

Resource Conservation & Recovery Act (RCRA) Sites

FACILITY STATE	FACILITY NAME	FACILITY ADDRESS	STATUS	REGULATED SUB. TYPE	HAZ. CELL
NEW HAMPSHIRE	BRANDS WASTEWATER	27 W. MAIN ST. BRADFORD	ACTIVE	HAZ. CELL	HA
NEW HAMPSHIRE	BRANDS TOWN WASTEWATER	BRANDS TOWN WASTEWATER	ACTIVE	HAZ. CELL	HA
NEW HAMPSHIRE	BRANDS TOWN WASTEWATER	BRANDS TOWN WASTEWATER	ACTIVE	HAZ. CELL	HA

Source Water Hazard Inventory Sites

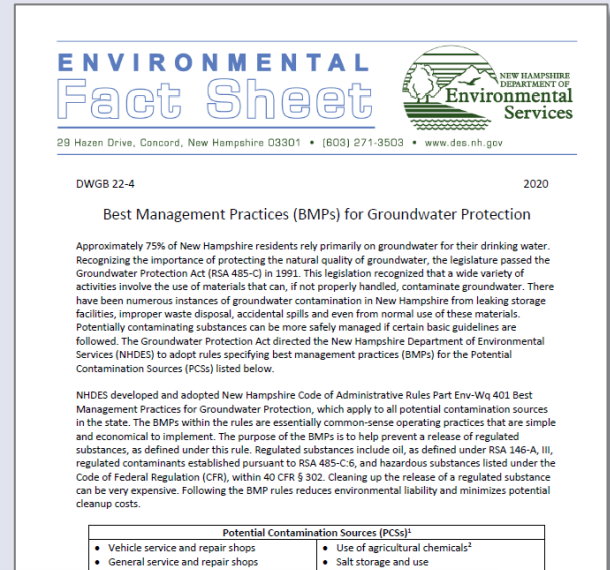
FACILITY STATE	FACILITY NAME	FACILITY ADDRESS	PROJECT TYPE	STATUS	HAZ. CELL	HAZ. CELL
NEW HAMPSHIRE	TOWN OF BRADFORD	27 W. MAIN ST. BRADFORD	LIST	HAZ. CELL	HA	HA
NEW HAMPSHIRE	TOWN OF BRADFORD	27 W. MAIN ST. BRADFORD	LIST	HAZ. CELL	HA	HA
NEW HAMPSHIRE	TOWN OF BRADFORD	27 W. MAIN ST. BRADFORD	LIST	HAZ. CELL	HA	HA
NEW HAMPSHIRE	TOWN OF BRADFORD	27 W. MAIN ST. BRADFORD	LIST	HAZ. CELL	HA	HA
NEW HAMPSHIRE	TOWN OF BRADFORD	27 W. MAIN ST. BRADFORD	LIST	HAZ. CELL	HA	HA
NEW HAMPSHIRE	TOWN OF BRADFORD	27 W. MAIN ST. BRADFORD	LIST	HAZ. CELL	HA	HA
NEW HAMPSHIRE	TOWN OF BRADFORD	27 W. MAIN ST. BRADFORD	LIST	HAZ. CELL	HA	HA
NEW HAMPSHIRE	TOWN OF BRADFORD	27 W. MAIN ST. BRADFORD	LIST	HAZ. CELL	HA	HA
NEW HAMPSHIRE	TOWN OF BRADFORD	27 W. MAIN ST. BRADFORD	LIST	HAZ. CELL	HA	HA



Large Systems

- **BMP inspections**

- The O/O shall conduct inspections of all potential contamination sources (PCS) to ensure compliance with the best management practices specified in Env-Wq 401.
- **Once every 3 years and within 6 months of the renewal due date.**
- Signature on BMP form required to certify that the inspections required by (e), above, if applicable, have been completed.
- Double-check to ensure form is complete (and signed).



NHDES-W-03-027

Best Management Practice (BMP) Inspection Questionnaire for Large Community Water Systems
 Drinking Water and Groundwater Bureau/Chemical Monitoring Waiver Program
 Supplement to Waiver Renewal Application: PCS Management Program

RSA/Rule: RSA 485-C:4 and 11, Env-Wq 401

If there are potential contamination sources (PCSs) within your source water protection area that require BMP inspections by your system, please fill out the table below. BMP inspections are conducted at least every three years at facilities using larger-than-household quantities of regulated substances, in conjunction with local efforts to protect drinking water sources. The inspections are conducted to ensure that each potential contamination source is complying with Administrative Rule Env-Wq 401, so that the risk of groundwater and/or surface water contamination in the source protection area is minimized.

System Name: _____ PWS ID#: _____

Are there potential contamination sources (PCSs) within your source protection area that require BMP inspections by your system?
 If Yes, complete Table 1 (and Table 2, as needed), and the remainder of page 2 before signing and dating the form. If No, sign and date the form on page 2.

To ensure that your system has completed the BMP inspections of PCSs required under your previous sampling waiver renewal please fill out the form for the latest round of inspections. If more space is needed, please attach additional sheets.

If you have found compliance issues at a PCS please fill out the Table 2: Compliance Table on page 2.

Table 1: PCS Facilities

PCS Facility Name and Street Address	Facility Type	Date Inspected	Compliance Issues If Yes, complete Table 2 below.
			<input type="checkbox"/> Yes / <input type="checkbox"/> No
			<input type="checkbox"/> Yes / <input type="checkbox"/> No
			<input type="checkbox"/> Yes / <input type="checkbox"/> No
			<input type="checkbox"/> Yes / <input type="checkbox"/> No
			<input type="checkbox"/> Yes / <input type="checkbox"/> No
			<input type="checkbox"/> Yes / <input type="checkbox"/> No
			<input type="checkbox"/> Yes / <input type="checkbox"/> No

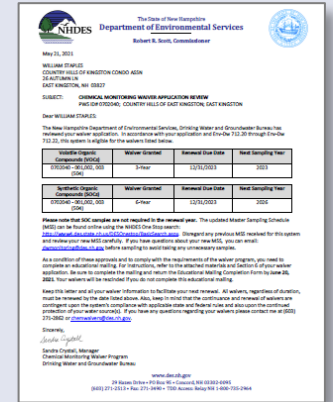
chemwaivers@des.nh.gov or phone (603) 271-2862
 PO Box 95, Concord, NH 03302-0095
 www.des.nh.gov

2021-01-26 Page 1 of 2



Waiver Decision Letter

- Approval of SOC or VOC waiver where the criteria have been met.
- Identifies the criterion/ criteria that resulted in VOC or SOC waiver denial.
- Spells out requirements to complete the system's responsibilities for the approved waiver.
- NHDES email includes:
 - Decision letter.
 - *Got Clean Drinking Water?* brochure (updated).
 - Sample letter to residents/ Sample letter to PCSs.
 - Educational mailing completion form.
 - PCS-related documents where applicable.



VOC Waiver Timeline

Env-Dw 712.20



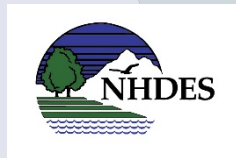
Year 1



Year 2



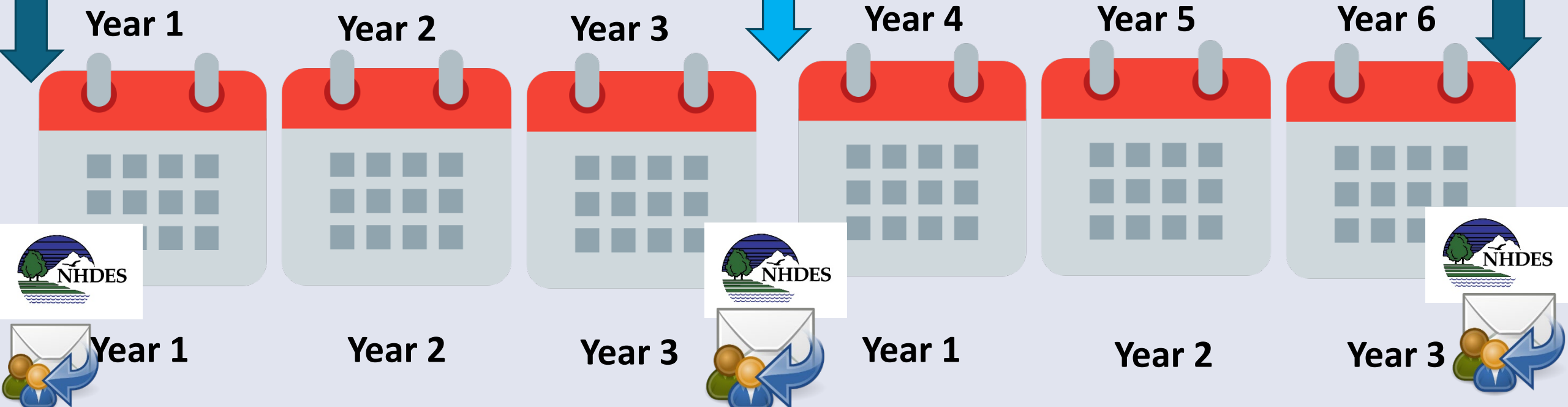
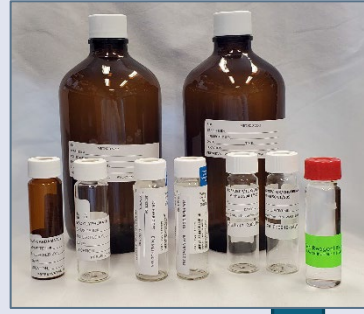
Year 3



SOC Waiver Timeline

Env-Dw 712.21*

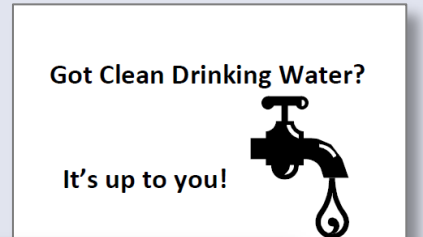
Renew waiver
No SOC sampling req'd



* There are also three-year SOC waivers where certain conditions exist such as pesticide application area, power line, active railroad.

Educational “Mailing” and Certification

- Educational materials required to be **distributed** within **30 days** of the waiver approval to those within the SWPA.
- As a condition of any waiver granted, the O/O shall **distribute educational materials** provided by the department within 30 days of the date of the waiver approval and at least once every 3 years thereafter to:
 - Residents **within the source water protection area**;
 - Owners of known and potential contamination sources within the source water protection area.
- Time extension is available if necessary and requested.



Sample Letter and Instructions for Residents and Non-PCS Businesses
(New and Renewal Applications)

What follows below is a sample letter that needs to be distributed to all homeowners, tenants, and non-PCS businesses that are located within your source protection area. You will need to fill in appropriate information such as the name and address of the recipient (if mailing), the date it is mailed or delivered, the name of the water system, a phone number where you can be reached, etc. Be sure to use the letterhead of your water system for your letters. If you need to look up the size of your source protection area(s), refer to the source water protection map and Section 2 of your most recent water application. If you want to change the letter, the NHDES Chemical Monitoring Waiver Program will need to review the letter you intend to send before it is mailed. You must include a copy of the Clean Drinking Water for Up To You! pamphlet. If you are distributing it as a hard copy, it is recommended that the pamphlet be printed on colored paper. This sample letter can also be found on the NHDES website at the following link: https://www.des.nh.gov/sites/default/files/2020-01/sample_letters_residents_businesses.docx

Name of Recipient _____
Recipient Address _____
Town, NH, Zip _____

Please Mail _____

Dear Homeowner, Resident, or Business Owner:

I would like to ask for your cooperation in helping _____ water system, the Department of Environmental Services (NHDES) program to prevent drinking water sources from becoming very costly and sometimes impossible to correct. The Source Water Protection Area (SWPA) for the _____ town which water - and any contamination - are in. Furthermore, even if your property is not served by your well too.

Certain activities on your property can affect the areas that their Septic system discharge to the ground, pesticides, lawn chemicals, or other activities on your property that affect ground water. Residents, or employees are aware of them. By the contamination of groundwater, your drinking water.

Furthermore, you can minimize the likelihood of it. Please take time to review and follow the information. We need your help to protect this valuable source supply. appreciate your cooperation. If you have a protection of groundwater and drinking water, the NHDES Drinking Water and Groundwater Bureau.

Sincerely,
Contact person's name _____
Water System _____
Enclosures _____

Chemical Monitoring Waiver Educational Mailing Completion Form
Water Division/Drinking Water and Groundwater Bureau
Chemical Monitoring Waiver Program

RSA/Rule: RSA 485-3, 1, Rev. Ch. 712:22 (b)

Please read both statements and check the one that applies to your water system. Fill out the requested information and send this form to the address listed below. If you have any questions about this form, please call (603) 271-2862. This form along with all the materials needed to complete the mailing can be found on the DES website by searching on the term "chemical monitoring waivers." Failure to complete an educational mailing or to return this form may result in the rescinding of your sampling waiver.

I have mailed or delivered the educational material to all of the homeowners (including tenants, potential contamination sources) including both those identified by the State and by myself, and non-residential buildings within my source protection area(s) in compliance with the Sampling Waiver Program. Also, if I have a non-residential, non-community water system (such as a business or school), I have posted the educational materials in readily accessible areas for staff or students (as applicable) to review.

I do not have any homeowners or potential contamination sources within my source protection area(s) therefore I did not send any educational materials. However, I have posted the educational materials in readily accessible areas for staff, students, residents etc. (as applicable) to review.

Date Educational Mailing was Completed: _____
System PWS ID: _____
System Name: _____
Town where system is located: _____
Signed: _____ (owner or owner's representative)
Name (type or print): _____
Date of Signature: _____

Please send this completed form to:

Chemical Monitoring Waiver Program Manager
dhamilton@des.nh.gov
PO Box 95, Concord, NH 03302-0095
www.des.nh.gov

May 2020 Page 1 of 1

Resources

- NHDES OneStop for MSS

<http://www4.des.state.nh.us/DESOnestop/BasicSearch.aspx>

- OneStop Data Mapper (locations w/aerial imagery)

<http://www4.des.state.nh.us/onestopdatamapper/onestopmapper.aspx>

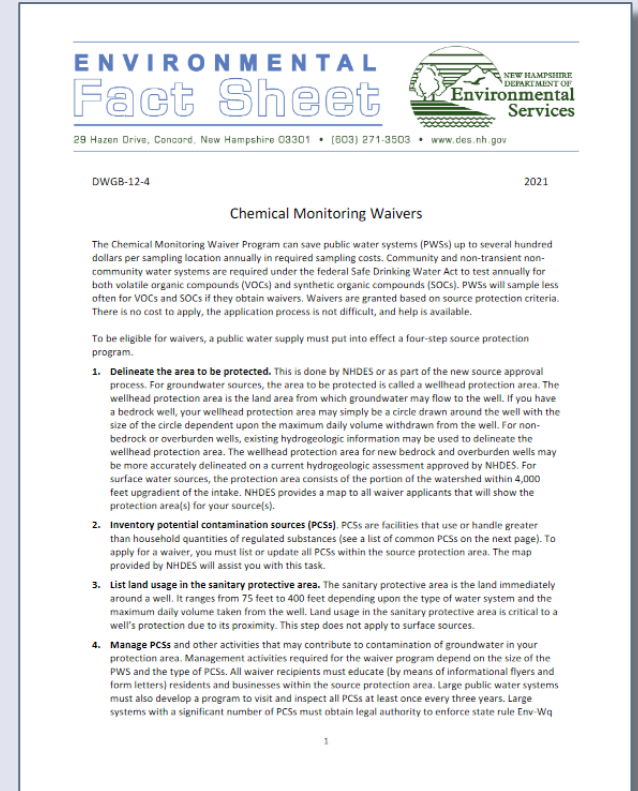
- Fact Sheet: Chemical Monitoring Waivers

<https://www.des.nh.gov/sites/g/files/ehbemt341/files/documents/2020-01/dwgb-12-4.pdf>

- Web page: Chemical Monitoring Waivers

<https://www.des.nh.gov/water/drinking-water/public-water-systems/chemical-monitoring-waiver>

- Water system updates: imupdates@des.nh.gov



In Review

- Process.
- Chem waiver criteria (rules).
- NHDES review and decision letter.
- Distribution of educational materials.
- Certification of ed material distribution.
- Resources.

The collage contains several key documents:

- Chemical Monitoring Waiver Application for Large Systems:** A cover sheet with fields for system name, location, and contact information. It includes a map of the state of New Hampshire with a highlighted region.
- Letter from the Commissioner:** A letter dated May 21, 2013, addressed to William Stratis, Commissioner of the State of New Hampshire. It discusses the waiver application and the requirements for educational materials.
- Got Clean Drinking Water? It's up to you!:** A flyer with a water tap icon and text about maintaining clean drinking water. It includes a table with columns for 'Waiver Status', 'Waiver Granted', 'Approval Date', and 'Next Sampling Year'.
- Educational Mailing Completion Form:** A form for tracking the distribution of educational materials. It includes a checklist of materials, a table for recording distribution, and a section for the date of completion and signatures.

Any Questions?

chemwaivers@des.nh.gov

603-271-2862

