

Cogswell Spring WaterWorks

Community Public Water System

Emergency Plan 2024

Section 1. System Identification

Cogswell Spring Water Works Town of Henniker Water Department

System EPA Number	1121010	
System Name	Cogswell Spring Water Works	
System Address	146 Davison Road	
Town	Henniker	
Source ID/Type/Description/Well Yield	GPW 1, West side of route 114, Just east of GPW 2 Gravel Pac well about sixty feet deep.	GPM 165
Source ID/Type/Description/Well Yield	GPW 2, West side of route 114, Just west of GPW1 Gravel Pac well about sixty feet deep	GPM 200
Source ID/Type/Description/Well Yield	GPW 3, Foster Road GPW 3 Gravel Pac well about fifty feet deep	GPM 250
Source ID/Type/Description/Well Yield		
Population Served/# Service Connections	2700 people	590 service connections
Name, Title, E-mail and Phone Number of person responsible for maintaining this emergency plan.	Name and title James J. Donison, P.E. Superintendent	E-mail and phone cogswellspring@hennikernh.gov 603- 428-3237

Section 2. Chain-of-Command

Board Of Water Commissioners/ Superintendent

Board Of Water Commissioners

Jerry Gilbert, Chairman. 603-620-0283

William Hall Jr., 603-369-0066

Jeff Connor, 603-620-5325

Superintendent/Primary Operator/Sampling Agent/Treatment Operator/Distribution

James J. Donison, Daytime Phone 603-428-3237, cell phone 603-496-5305

Water Operator

Joshua McCutcheon, Daytime phone 603-428-3237, cell phone 603-496-5305

Chain Of Command Responsibilities

Section 3. Emergency Notification Procedures

The primary responsibility lies with the Cogswell Spring Water Works Board of Water Commissioners. During a water emergency they will direct and assist the Superintendent and Chief Operator in implementing emergency policies. Including assisting in the preparation and distribution of the Boil Order notices or any other notices as needed.

Section 3A. Boil Orders / Do Not Drink Orders

If the full Board of Water Commissioners can't be reached for a vote it is the responsibility of the Chairman of the Board of Water Commissioners to decide when to issue a boil order or a do not drink order. When the decision has been made, the chairman will direct one or all of the other Water Commissioners, Superintendent or Chief Operator to distribute a copy of the boil order to the users either by hand, posting it in all public places, notify the radio stations as well as delivering a copy of the Boil Order or Do Not Drink order to the local newspapers. The boil order format itself will be supplied by The New Hampshire Department of Environmental Services and filled out to match Cogswell Spring Water Works information.

Local Notification List (all numbers have area code (603))

FIRE (day) Emergency 911, Henniker Fire Station Business Line 428-	FIRE (night) 911
POLICE (day) Emergency 911, Henniker Police Station Business Line 428-3213	POLICE (night) 911
Ambulance service (day) 911	Ambulance service (night) 911
Local Emergency Management Office (day) Stephanie Costello 603-428-7552	Local Emergency Management Office (night) Stephanie Costello 603-428-7552
Local Health Officer (day) Greg Aucoin, Rescue Chief 428-7552	Local Health Officer (night) Greg Aucoin, Rescue Chief 428-7552
Local Newspaper (day) Concord Monitor 224-5301	Local Newspaper (night) Concord Monitor 224-5301
City/Town Officials (day) Town Administrator, Diane Kendall 428-3221	City/Town Officials (night) Town Administrator Diane Kendall 428-3221
Local Radio Station (day) WGIR 603—668-0234	Local Radio Station (night) WGIR 603-668—0234
Power Company (day) Eversource, 1—800—622-7764	Power Company (night) Eversource 1-800-622-7764
Neighboring Water System (day) Hillsboro Water Department 603-464-3788	Neighboring Water System (night) Hillsboro Water Department 464—3788
Water Systems Operators Plus (day) Charlie Damour 603-848-2094	Water Systems Operators Plus (night) Charlie Damour 603-848-2094

State Notification List

State Police	1-800-852-3411
Drinking Water and Groundwater Bureau	271-2513 or 271-3503
Bureau of Emergency Management	271-2231 or 1-800-852-3792
Health and Human Services	271-9000

Service/Repair Notification List*

Electrician (day) Moonlight Electric, Jerry Gilbert 603-620-0283	Electrician (night) Moonlight Electric, Jerry Gilbert 603-620-0283
Plumber (day) ___Jake Schoch&SonPlumbing and AC___, 603-235-2157_____	Plumber (night) ___Jake Schoch & Son Plumbing and AC 603-235-2157_____
Pump Specialist (day) Barry Miller 603-464-4806	Pump Specialist (night) Barry Miller, Miller Well and Pump 603-464-4806
Soil Excavator (day) Steve Connor, Connor Backhoe Services, 428-3788, 848-5359, WSO+ 428-3525, or Tim McComish 603-428-8080	Soil Excavator (night) Steve Connor, Connor Backhoe Services, 428-3788, 848-5359, WSO+ 428-3525, or McComish Excavating 603-428-8080
Hydrogeological Consultant (day) Dave Maclean 603-314-0820	Hydrogeological Consultant (night) Dave Maclean 603-314-0820
Emergency Response Consultant (day) WSO Plus Joe Damour 428—3525	Emergency Response Consultant (night) WSO Plus Joe Damour 848-3525
Equipment Rental (day) 483-2900, Sun Belt Rentals or Dodge Equipment Rental 603-759-8354	Equipment Rental (night) 483—2900, Sun Belt Rentals or Dodge Equipment Rental 603-759-8354
Laboratory (day) 228-0525, Eastern Analytical Inc.	Laboratory (night) 228—0525, Eastern Analytical Inc
EJ Prescott (pipe and fittings): 603-224-9545 or 1-800-ejp-24hr	EJ Prescott (pipe and fittings): 603-224-9545 or 1-800-ejp-24hr
Other:	Other:

Section 3B. Critical Users

Section 3C. mutual Aid

N/A

Section 4. System Components

Section 4A. System Equipment & Chemicals

- CSWW has an office located at 146 Davison Road with an attached garage which houses the service truck. The office would serve as the Command Center in case of an emergency. The office is protected from power loss by a 10,000 Watt stand by generator. The office is also equipped with a two-way radio with local emergency radio frequencies to communicate with any necessary personnel.
- CSWW has three gravel pack wells. GPW 1 and GPW 2 are located at 250 Weare Road. GPW 3 is located on Foster Road. GPW 1 and 2 have Backup generators at the ready, GPW 3 does not have a backup generator.
- GPW One and Two are vertical turbine pumps with fifteen horsepower motors that run them.
- GPW three is equipped with a submersible pump with a 250 GPM capacity.
- 250 Weare Road has on site a cold storage building which houses spare parts and pipe for making emergency repairs.
- CSWW has two water storage tanks; Davison Road Tank is a Natgun 500,000 gallon, wire woven tank with the capability of receiving bulk deliveries.

- Procter/Depot Hill Tank is a 300,000-gallon in-ground, concrete poured in place tank.
- The Water Department has one service/repair pickup truck equipped with a snowplow. A portable 3000-watt generator can be placed in the bed of the truck or on a trailer on board as well as a variety of equipment, tools and parts to repair water lines in an emergency.
- One base station radio located at the office of the water works located at 146 Davison Road one portable radio and one radio installed in the service truck all three have the capability of communicating with the local fire, emergency management directors as well as emergency dispatch centers.

Chemicals

CSWW treats the water with 25% sodium hydroxide for PH adjustment. The Sodium Hydroxide is purchased in bulk form. Pump house one and two each have one double walled five-hundred-gallon polyethylene tank stored inside the buildings. Buildings one and two are equipped with an emergency eye wash station and emergency shower in each building as well as a chemical emergency spill kit in each building.

Building one has one fifty-five-gallon drum of 12% Chlorine stored in it in case of a water quality issue.

Section 4B. System Plan

There is an up-to-date System Plan in the waterworks office as well as the Henniker Town Hall vault and at the Department of Environmental Services office in Concord New Hampshire.

Section 4C. System Demand

What is the total production capacity of this system?	518,400 Gallons per day
What is the total storage capacity of this system?	800,000 Gallons
What is the average daily demand of this system?	120,000 Gallons per day
What is the maximum daily demand of this system?	320,000 Gallons per day
Estimated Available Water (divide total storage capacity by average daily demand)	6.6 Days

Section S. Alternate Water Source

No

Section 5A. Bulk and/or Bottled Water

Bottled water would be available to be handed out purchased from Poland Spring Water at 1-800-274-5282. Both water storage tanks have the capability of receiving bulk deliveries.

Fortin Pool Water, Marc Fortin 603-524-7375

Monadnock Spring Water, 603-654-2728

Section SB. Interconnections with Adjacent Water Systems

Not feasible.

Section 5C. New Source / Reactivation

N/A

Section b. Alternate Power Supply

Cogswell Spring Water Works has one stand by generator at pump station one and one stand by generator at pump station two located at 250 Weare Road. The generators are not equipped with automatic transfer switches. This is done manually. The Cogswell Spring Water Works office located at 146 Davison Road also has a standby generator which switches over automatically when power is lost.

Section 7. Water Use Restrictions

Cogswell Spring Water Works personnel would hand out flyers and verbal warnings to the water users wasting water during an emergency.

Section 8. Return to Normal Operation

When the Cogswell Spring Water Works personal are certain that the emergency has passed the Superintendent sees to it that the system is returned to normal operations.

Section 9. Vulnerability Assessment and Cyber Security Assessment

Env-Ws 360.15 requires a vulnerability assessment as per the Bioterrorism and Response Act (H.R. 3448).

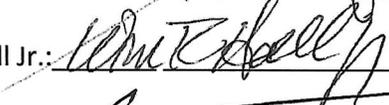
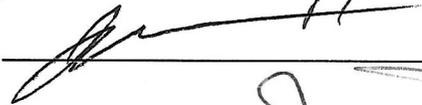
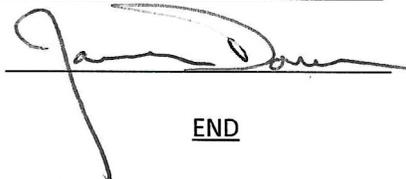
In 2022 a cyber-security and vulnerability assessment was performed by CISA (Cybersecurity & Infrastructure Security Agency) as par of a program with NHDES. The assessment recommendations have been implemented in 2024.

Section 10. Plan Readiness and Training

The following is a list of people that have a copy of the plan;

Jeff Connor, William Hall Jr., Jerry Gilbert, James Donison and Joshua McCutcheon.

Section 11. Signatures

Jerry Gilbert, Chairman:		Date: <u>5/15/24</u>
William Hall Jr.:		Date: <u>4/15/24</u>
Jeff Connor:		Date: <u>4-18-24</u>
James Donison, Superintendent:		Date: <u>4/15/24</u>

END