

Village of Red Hook

Emergency Water Plan

Effective May 1, 2010

Village of Red Hook Water Department Emergency Plan

1. Description of System

A. Name of Supply - Village of Red Hook Water Department

B. Specific Location - 54 Firehouse Lane, Village of Red Hook Well Field

C. Owner - Village of Red Hook, 7467 South Broadway, Red Hook, NY 12571

D. Telephone Numbers - (845) 758-1081 or (845) 758-6780

E. Operators - **Arvine Coon, Jr.** 412 Route 199, Red Hook, NY

12571; Telephone Number (845) 758-8727, Cell Number (845) 705-2077;

Wendy Coon 412 Route 199, Red Hook, NY 12571; Telephone Number (845) 758-8727, Cell Number (845) 705-2703; **Arvine Coon, III** 34 East Market Street, Red Hook, NY 12571; Telephone Number (845) 758-9553, Cell Number (845) 705-2395.

F. Source of Supply comes from drilled rock wells (#1, 3, 4 & 9), and gravel wells (12, 13 & 14).

G. Source Name:

	GPM	Well Depth	Depth of Pump
Well #1	50	253'	233'
Well #3	30	269'	255'
Well #4	50	296'	278'
Well #9	50	310'	276'
Well #12	90	42'	36'
Well #13	90	42'	36'
Well #14	40	42'	36'

H. Pump Information:

	Type	Manufacturer	HP	Electric Phase	Voltage
Well #1	Submersible	Gould	7.5	3 PH	230
Well #3	Submersible	Gould	10	3 PH	230
Well #4	Submersible	Gould	7.5	3 PH	230
Well #9	Submersible	Gould	5	3 PH	230
Well #12	Submersible	Gould	15	3 PH	460
Well #13	Submersible	Gould	10	3 PH	460
Well #14	Submersible	Gould	1.5	3 PH	460

I. Disinfection - Chlorination

Liquid system, using a flow paced liquid Metronics pump, fully automatic to allow continuous amounts of chlorine to be added dependant upon the amounts of water being pumped. A standby chlorinator is in stock in case of emergency.

J. Storage

A 223,000 gallon steel elevated tank is located on Tower Street.

A 500,000 gallon Aquastore Ground Storage Tank is located on Firehouse Lane.

K. System Demand

Presently, 219,600 gallons per day is the daily average. Highest daily usage was 324,718 gallons.

L. Meters

Master Meter is located at the Pump House, individual meters are in structures, residential and non-residential.

II. Communications

Telephone is the primary source for communication, both landline and cellular are used.

III. Who is in Charge

Arvine Coon, III, Wendy Coon, Arvine Coon, Jr., Mayor David Cohen and Trustee in Charge of Water David Seymour.

IV. Who is Notified

Appendix A is a notification roster containing telephone numbers of key personnel and organizations which may need to be notified in the event of an emergency.

V. Emergency Action Plans

Emergency action plans are included for the most probable emergencies that could affect the Village of Red Hook.

1. Pump failure
2. Prolonged Water Outage
3. Chlorination Failure
4. Depletion of Well Source
5. Water Contamination
6. Loss of Pressure or Storage

A. Pump Failure

The village has seven (7) wells and the possibility that all of them will break down at one time is improbable. On record, one well at a time has been out of service for approximately 24 hours. The most probable cause of failure is a power outage. A standby generator capable to run the wells is available from Fastracs Rentals, Inc. in Red Hook, Water Pratt & Sons in Rensaleer or Albany Ladder in Wappingers Falls. Fuel oil to run the generator will be supplied by Bottini Fuel in Red Hook, KOSCO in Rhinebeck or access to the Town of Red Hook Highway Department supply. Also, pump motors and parts are either on hand or readily available from suppliers. The following is a list of our suppliers and their telephone numbers:

Spinnenweber PFV (845) 331-7473
Schmidts (845) 794-5900
Vellano (845) 838-1010
D&S Pump & Supply (845) 876-3071

B. Prolonged Water Outage

Contamination, pump failure, transmission main break, aquifer depletion and water tank failure all can cause a prolonged water outage. In case of a prolonged water outage, the following notifications should be made:

Dutchess County Public Health Engineer
Media: Radio, TV, Newspapers and Website
Water Supply Personnel in charge

If water cannot be readily provided, the following is a list of suppliers that will be contacted immediately to set up a water trailer at the Village of Red Hook Parking Lot on Route 9:

Cokertown Springs	(845) 758-4123
TCS	(845) 876-6159
Gilmore Trucking	(845) 229-7743
Staats Trucking	(845) 266-5059

C. Depletion of Well Source

If the water level in the wells reaches 2/3 below capacity (please refer back to table 1-G), the Supervising Operator will notify the Mayor for his determination as to requesting that the community conserve water. The Red Hook Fire Company, Inc. will be notified to use other sources of water. Well readings will be monitored closely. Please refer to Appendix B for a listing of commercial users to be notified if an emergency occurs.

D. Water Contamination

There are no major highways in the area of the well field. Village of Red Hook Highway Garage is located within 200' of Well #3. The Red Hook Firehouse is located within 200' of Well #4. If a spill occurs that will cause contamination the water plant operator shall notify the following:

Village of Red Hook Police Department
Department of Environmental Conservation
Red Hook Fire Company, Inc.
Dutchess County Hazmat Team
Local County Health Department Engineer

Clean up should start immediately.

E. Chlorination Failure

A liquid chlorine pump is the only treatment used. If there is a breakdown, a standby chlorinator will be installed and the damaged one will be sent away for repairs. Our supplier for chlorine pumps is USA Bluebook - 800-548-1234.

F. Loss of Pressure of Storage

Immediate notification will be made to the Red Hook Fire Company, Inc., and the Dutchess County Bureau of Fire upon loss of pressure or storage. Also the Red Hook Central School shall be notified to prevent flushometers from opening due to loss of pressure (40 PSI or less).

VI. Means of Public Notification

In the event of a water emergency, the public will be notified in the following ways:

- Radio (WRWD, 94.3, WPDH, WDST among others)
- TV (Panda)
- Village of Red Hook Website
- Newspapers (Kingston Freeman, Poughkeepsie Journal)

VII. Equipment Available for Repairs in Case of Emergency or Disaster

Portable Light System	Hydrants	Pipe (4", 6" & 8")
Backhoe	Valves	Repair Couplings (4, 6 & 8")
Dumptruck	Tees	Repair Clamps (4, 6 & 8")
Portable Generator	Elbows	Pipe Locator
Miscellaneous Hand Tools	Chop Saw	Water Pump

Plan Submitted By:

Wendy Coon - Operator

Date:

Appendix A
Village of Red Hook Emergency Phone Numbers

David Cohen, Mayor	453-3466
David Seymour, Trustee in Charge of Water	399-7505
Wendy Coon, Plant Operator	758-8727
Arvine Coon III, Plant Operator	705-2395
Arvine Coon, Jr., Plant Operator	705-2077
Ron Miller, Dutchess County Health Department	486-3404
After Hours Emergency Number	431-6454
Butch Anderson, County Sheriff	452-0400
Theresa Burke, Town Highway Superintendent	758-4615
Arvine Coon III, Chief, Red Hook Fire Company	705-2395
Paul Finch, Red Hook Central School	758-2241
Village of Red Hook Police Department	758-0600
Dutchess County Office Disaster Preparedness	431-2080
Central Hudson Gas & Electric	876-4770
DEC Emergency Spill Agency	800-457-7362
Dutchess County Bureau of Fire	486-2081
NYS Department of Transportation	758-6270
NYSHD Bureau of Public Water Supply Protection	518-458-6731
Gerry Lecours	518-537-6145
WRWD	471-2300
WPDH	471-1500
Poughkeepsie Journal	454-2000
Kingston Freeman	331-5000
Dan Streib, Village of Red Hook Highway Foreman	399-9433
Village of Red Hook Highway Garage	758-8600

** Order of listing does not mean order of notification.*

Appendix B
Commercial Water Customers

Dr. Juan Fernandez	758-8896
Dr. James Cayea	758-8818
Health Stream Medical Associates	758-6046
Pine Street Pediatrics	758-1996
Dr. George Michael	758-5161
Dr. Steven Perkel	758-6677
Dr. Bruce Cutler	758-9871
Dr. James Ross	758-5100
Eye Associates	758-3899
Donna's Hairstyling	758-6202
Serendipity Hair Studio	758-4555
One Cut Better	758-8627
Images For You Hair Salon	758-2882
Creative Hair Design	758-8228
Scism's Hair Salon	758-1212
J&J Deli	758-9030
Griff's Southside Deli	758-0758
Dunkin Donuts	758-9111
Flat Iron	758-8260
Loggerheads	758-4458
Lucy's Tacos	758-8055
Pello Green Farms	758-3933
Red Hook Curry House	758-2666
An Apple A Day	758-5000
Terry's Bake Shop	758-1333
Salvatore's Pizza	758-6552
Mercato	758-5879
Golden Wok	758-6868
Taste Budd's Café	758-6500
LaMexicana	758-6356
Gettymart	758-2493
Village Pizza	758-5808
Village Diner	758-6232
Red Hook Natural Foods	758-9230
Stewarts	758-0810

Red Hook IGA	758-5717
JGW Laundromat	758-8595
Colburn's Laundromat	758-5520
Church Street Nursery School	758-6282
Funshine Nursery School	758-2241
Triebel's Trailer Park	758-5800
Colburn's Trailer Park	758-3867
Red Hook Commons	758-0651
John's Auto	758-6310
Red Hook Auto	758-3000
Triebel's Garage	758-5800
Tom's Garage	758-5311
Rhinebeck Savings Bank	758-1500
Key Bank	758-2311
MHVFCU	758-2751
Ulster Savings Bank	758-4020
Burnett, Rockefeller & Hand Funeral Home	758-5042
Town of Red Hook	758-4606
Town of Red Hook Garage	758-4615
Sheer Cleaners	758-1561
Red Hook Firehouse	758-8706
VFW Post	758-6212
Masonic Hall	758-8185
JB Peel, Inc.	758-1792
Baright Realty	758-5006
Grooming By Betsy	758-6776
Grand Dutchess	758-5818
Red Hook Country Inn	758-8445

Schools, Laundromats, Dentist, Food Service Businesses and Hair Salons will be notified first in the event the Village of Red Hook Water Department can not supply them with water.