Annual Drinking Water Quality Report for 2016

Village of Hoosick Falls

24 Main Street, Hoosick Falls, NY 12090

Public Water Supply Identification Number NY4100041

INTRODUCTION

To comply with State regulations, the Village of Hoosick Falls, will be annually issuing a report describing the quality of your drinking water. The purpose of this report is to raise your understanding of drinking water and awareness of the need to protect our drinking water sources. This report is an overview of last year's water quality. Included are details about where your water comes from, what it contains, and how it compares to New York State standards. Our constant goal is and always has been, to provide to you a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and to protect our water resources. If you have any questions concerning this report or concerning your drinking water please contact: *Mr. Francis J. Hurlburt, Chief Water Operator, Village of Hoosick Falls, 24 Main Street, Hoosick Falls, NY 12090 Telephone (518) 686-0200;* We want our valued customers to be informed about their drinking water. If you want to learn more, please attend any of our regularly scheduled Village Board meetings. They are held on the 2nd Tuesday of each month, 6:00 PM at the *Village Hall, 24 Main Street,* Telephone *(518) 686-7072 or e-mail us at Villageclerk@hoosick.org*

WHERE DOES OUR WATER COME FROM?

The Village of Hoosick Falls is served by three drilled wells (3, 6 & 7) using an aquifer that borders the Hoosick River. The wells were deemed Ground Water Under the Direct Influence of Surface Water (GUIDI). Because of this designation we are required to comply with the Surface Water Treatment Rule (SWTR) and provide filtration.

Pumping capacity for each well is approximately 900,000 gallons per day. Treatment of the raw water consists of chlorination in order to protect against contamination from harmful bacteria and from other organisms. A polyphosphate compound is also added for corrosion control. This serves to reduce lead and copper leaching into the water from residential water pipes, minimize corrosion in the water mains and minimize discoloration from iron and manganese, thereby reducing staining of plumbing fixtures and laundry. We have a 360,000 gallon storage tank located at Rensselaer Street and a 300,000 gallon storage tank at Rogers Avenue to meet consumer demand and to provide adequate fire protection.

The Village of Hoosick Falls has a 1.5 MGD membrane filtration plant. Water is pumped from our 3 wells and chlorinated. Potassium permanganate is added to aid in iron and manganese oxidation and removal. The water then flows to a 26,000 gallon pretreatment tank where the chemical treatment is given additional time to work. From the pretreatment tank the water then travels to two skids with 32 membrane filters each. Each membrane can filter out particulate material as small as 3 microns which includes the microorganisms Cryptosporidium and Giardia. In 2016 a permanent Granular Activated Carbon Filtration system was installed for the removal of organic contaminants. After filtration the water flows to a 171,000 gallon contact tank to provide adequate time for the disinfection process to proceed. We also have 68,000 gallon clearwell storage after the water is treated.

In general, the 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 activities. Contaminants that may be present in source water include microbial contaminants; inorganic contaminants; pesticides and herbicides; organic chemical contaminants; and radioactive contaminants. In order to ensure that tap water is safe to drink, the State and EPA prescribe regulations, which limit the amount of certain contaminants in water, provided by public water systems. The State Health Department's and the FDA's regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

FACTS AND FIGURES

The Village provides water through approximately 1,300 service connections to a population of approximately 4,500 people. Our average daily demand is 288,188 gallons. Our single highest day was 733,315 gallons. The total water produced in 2016 was 105,476,942 gallons. Currently 95% of the village limits is currently metered and read quarterly. We estimate the amount of water produced to the amount of water billed results in approximately a 10% loss. The unaccounted water can be attributed to water usage for fire protection, water main breaks and leaks. The annual average charge for water within the village limits per household is $4.66 per 1000 gallons. Customers outside the village are billed at 6.99 per 1000 gallons. Sewer is billed at 4.85 per 1000 gallons for a total utility rate of $9.51 per 1000 gallons.

ARE THERE CONTAMINANTS IN OUR DRINKING WATER?
In accordance with State regulations, the Village of Hoosick Falls routinely monitors your drinking water for numerous contaminants. We test your drinking water for inorganic contaminants, radiological contaminants, lead and copper, nitrate, volatile organic contaminants, haloacetic acids, trihalomethanes and synthetic organic contaminants. In addition, we test 4 samples for coliform bacteria each month. The table presented below depicts which contaminants were detected in your drinking water. The State allows us to monitor for certain contaminants less than once per year because the concentrations of these contaminants are not expected to vary significantly from year to year. Some of the data, though representative of the water quality, is more than one year old and is noted. For a listing of the parameters we analyzed that were not detected along with the frequency of testing for compliance with the NYS Sanitary Code, see Appendix A.

It should be noted that all drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily pose 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) or the Rensselaer County Health Department (518) 270-2626.

WHAT DOES THIS INFORMATION MEAN?
As you can see by the table on page 4, our system had no violations. MCL's are set at very stringent levels. To understand the possible health effects described for many regulated constituents, a person would have to drink 2 liters of water every day at the MCL level for a lifetime to have a one-in-a-million chance of having the described health effect.

IS OUR WATER SYSTEM MEETING OTHER RULES THAT GOVERN OPERATIONS?
During 2016, the Village of Hoosick Falls was in compliance with applicable State drinking water operating, and reporting requirements. We were issued a monitoring violation for not collecting the required resamples after a positive coliform sample collected in the distribution system. We are required to collect 1 sample located within 5 service connections below and 1 sample within 5 service connections above the positive coliform site. In addition, we are required to collect a raw water sample from each well that was running when we had the positive sample. We received a notice of violation on 9/28/16.

DO I NEED TO TAKE SPECIAL PRECAUTIONS?
Although our drinking water met or exceeded state and federal regulations, some people may be more vulnerable to disease causing microorganisms or pathogens 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 infants can be particularly at risk from infections. These people should seek advice from their health care provider about their drinking water. EPA/CDC guidelines on appropriate means to lessen the risk of infection by Cryptosporidium, Giardia and other microbiological pathogens are available from the Safe Drinking Water Hotline (800-426-4791).

INFORMATION ON PFOA TESTING
As you know PFOA has been detected in the Hoosick Falls Wells. A carbon filtration system has been installed to remove these contaminants. For the test results concerning the Hoosick Fall Public Water Supply you can check the Town of Hoosick Falls web site, contact the Rensselaer County Health Department or the NYS Health Department Bureau of Public Water Supply.

INFORMATION ON LEAD
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. The Village of Hoosick Falls 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*

WHAT IS THE SOURCE WATER ASSESSMENT PROGRAM (SWAP)?
To emphasize the protection of surface and ground water sources used for public drinking water, Congress amended the Safe Drinking Water Act (SDWA) in 1996. The amendments require that New York State Department of Health's Bureau of Public Water Supply Protection is responsible for ensuring that source water assessments are completed for all of New York's public water systems.

A source water assessment provides information on the potential contaminant threats to public drinking water sources:

- each source water assessment will: determine where water used for public drinking water comes from (delineate the source areas)
- Inventory potential sources of contamination that may impact public drinking water sources
- Assess the likelihood of a source water area becoming potential contaminated

A SWAP summary for our water supply is attached to this report.

WATER CONSERVATION TIPS

The Village of Hoosick Falls encourages water conservation. There are a lot of things you can do to conserve water in your own home. Conservation tips include:

- Only run the dishwasher and clothes washer when there is a full load
- Use water saving showerheads
- Install faucet aerators in the kitchen and the bathroom to reduce the flow from 4 to 2.5 gallons per minute
- Water gardens and lawn for only a couple of hours after sunset
- Check faucets, pipes and toilets for leaks and repair all leaks promptly
- Take shorter showers

CAPITAL IMPROVEMENTS

During 2016 a Granular Activated Carbon Filtration system was installed.

CLOSING

Thank you for allowing us to continue providing your family with clean, quality water this year. In order to maintain a safe and dependable water supply we sometimes need to make improvements that will benefit our customers. We ask that all our customers help us protect our water sources. Please call our office if you have questions.

Hoosick Falls Village Public Water System
PWSID# NY4100041
Source Water Assessment Summary

The NYS DOH has completed a source water assessment for this system, based on available information. Possible and actual threats to this drinking water source were evaluated. The state source water assessment includes a susceptibility rating based on the risk posed by each potential source of contamination and how easily contaminants can move through the subsurface to the wells. The susceptibility rating is an estimate of the potential for contamination of the source water, it does not mean that the water delivered to consumers is, or will become contaminated. See section "Are there contaminants in our drinking water?" for a list of the contaminants that have been detected. The source water assessments provide resource managers with additional information for protecting source waters into the future.

As mentioned before, our water is derived from 3 drilled wells. The source water assessment has rated these wells as having a medium-high susceptibility to microbials, nitrates, industrial solvents, and other industrial contaminants. These ratings are due primarily to the close proximity of permitted discharge facilities (industrial/commercial facilities that discharge wastewater into the environment and are regulated by the state and/or federal government) to the wells, chemical bulk storage, and a hazardous waste site in the assessment area. In addition, the wells are prone to flooding, have detection of halogenated solvents at levels consistent with a high chemical sensitivity, and the overlying soils are not known to provide adequate protection from potential contamination.

While the source water assessment rates our well(s) as being susceptible to microbials, please note that our water is disinfected to ensure that that the finished water delivered into your home meets New York State's drinking water standards for microbial contamination.

A copy of the full Source Water Assessment, including a map of the assessment area, is available for review by contacting us at the number provided in this report.

VILLAGE OF HOOSICK FALLS TABLE OF DETECTED CONTAMINANTS Public Water Supply Identification Number NY4100041						
Contaminant	Violation Y/N	Level Detected	Unit Measurement	MCLG	MCL	Likely Source of Contamination
Inorganic Contaminants (sample data from 4/21/16 unless otherwise noted) ranges represent the lowest and highest levels detected						
Barium	N	160	ppb	2000	2000	Naturally occurring
Chloride	N	87.7	ppm	N/A	250	Geology; Naturally occurring
Copper (samples from 9/22/16) Range of copper concentrations	N	0.76[2] ND-1.65	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Lead Range of lead concentrations	N	ND ND-012				Corrosion of household plumbing systems, erosion of natural deposits
pH	N	7.49	units	N/A	6.5-8.5	
Sodium[3]	N	54	ppm	N/A	N/A	Geology; Road Salt
Sulfate	N	19.5	ppm	N/A	250	Geology;
Zinc	N	24	ppb	N/A	5000	Corrosion inhibitor
Microbiological Contaminants						
Total Coliform (sample from 8/30/16)	N	1 positive sample	N/A	0	2 or more positive samples per month	Naturally present in the environment
Turbidity[4] (sample from 2/3/16)	N	0.050	NTU	N/A	TT=5 NTU	Soil runoff
May 2016		95%			TT= % samples < 1.0	
Stage 2 Disinfection Byproducts (samples from 3/21/16, 6/14/16, 9/22/16 & 12/20/16)						
Haloacetic Acids [HAA5] average range	N	3.8 ND-2.4		N/A	60[5]	By-product of drinking water chlorination
Total Trihalomethanes (TTHM) average range	N	20.2 ND-5.5	ppb	0	80[5]	By-product of drinking water chlorination
Chlorine (average) [daily samples] Range	N	1.46 0.76-2.00	ppm	MRDLG N/A	MRDL 4	Used in the disinfection and treatment of drinking water
Principal Organic Compounds (Volatile Organic Compounds)						
Vinyl Chloride (Well#6) sample from 9/22/16	N	1.8	ppb	0	2	Degradation of other chemicals leaching from waste sites,
1,2-Dichloroethane	N	1.6	ppp	0	5	Used in the production of vinyl chloride

NOTES-

1. The level presented represents the 90th percentile of 20 test sites. The action level for copper was not exceeded at any of 20 the sites tested.
2. The level presented represents the 90th percentile of 20 test sites. The action level for lead was exceeded at 1 of 20 the sites tested.
3. Water containing more than 20 ppm should not be consumed by persons on severely restricted sodium diets
4. Turbidity is a measure of the cloudiness of the water. We monitor it because it is a good indicator of the effectiveness of our filtration system. Level detected represents the highest level detected. The regulations also require that 95% of the turbidity samples collected have measurements below 1.0 NTU. Although, May 2016 was the month when we had the fewest measurements meeting the treatment technique for turbidity, the levels recorded were well within the acceptable range allowed and did not constitute a treatment technique violation.
5. The average shown represents the highest Locational Running Annual Average (LRAA) at the 4 sites sampled in 2016. The highest LRAA for the HAA5s was in the 4th quarter of 2016 while the highest LRAA for the THMs was in the 1st quarter of 2016.

Non-Detects (ND) - laboratory analysis indicates that the constituent is not present.
Parts per million (ppm) or Milligrams per liter (mg/l) - one part per million corresponds to one minute in two years or a single penny in $10,000.
Nephelometric Turbidity Unit (NTU) - nephelometric turbidity unit is a measure of the clarity of water. Turbidity in excess of 5 NTU is just noticeable to the average person.
Picocuries per liter (pCi/L) - picocuries per liter is a measure of the radioactivity in water.
Treatment Technique (TT) - A treatment technique is a required process intended to reduce the level of a contaminant in drinking water.
90th Percentile Value- The values reported for lead and copper represent the 90th percentile. A percentile is a value on a scale of 100 that indicates the percent of a distribution that is equal to or below it. The 90th percentile is equal to or greater than 90% of the lead and copper values detected at your water system
Action Level - the concentration of a contaminant, which, if exceeded, triggers treatment, or other requirements, which a water system must follow.
Maximum Contaminant Level - The "Maximum Allowed" (MCL) is 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 The "Goal" (MCLG) is 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.
Maximum Residual Disinfectant Level (MRDL): The highest level of a disinfectant 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 below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contamination
Locational Running Annual Average (LRAA): The LRA is calculated by taking the average of the four most recent samples collected at each individual site
N/A-Not applicable

Appendix A

New York State Sanitary Code Compliance Monitoring Requirements- Compounds Analyzed that were Below Limits of Detection

VILLAGE OF HOOSICK FALLS TEST RESULTS
Public Water Supply Identification Number NY4100051

CONTAMINANT	MONITORING FREQUENCY	CONTAMINANT	CONTAMINANT	MONITORING FREQUENCY
Asbestos	Every 9 years; 6/14/11 **Non-Detect**	**POC's (Volatile Organic Compounds)**		
		Benzene	Trans-1,3-Dichloropropene	Monitoring requirement is one sample annually Samples from 4/21/16 Wells 3 & 7 **Non-Detect**
Antimony	Monitoring requirement is 1 sample every year Sample from 4/21/16 **Non-Detect**	Bromobenzene	Ethylbenzene	
		Bromochloromethane	Hexachlorobutadiene	
Beryllium		Bromomethane	Isopropylbenzene	
Cadmium		N-Butylbenzene	p-Isopropyltoluene	
Chromium		sec-Butylbenzene	Methylene Chloride	
Cyanide		Tert-Butylbenzene	n-Propylbenzene	
Fluoride		Carbon Tetrachloride	Styrene	
		Chlorobenzene	1,1,1,2-Tetrachloroethane	
Mercury		2-Chlorotoluene	1,1,2,2-Tetrachloroethane	
Nickel		4-Chlorotoluene	Tetrachloroethene	
Nitrate		Dibromethane	Trichloroethene	
Selenium		1,2-Dichlorobenzene	1,2,3-Trichlorobenzene	
Silver		1,3-Dichlorobenzene	1,2,4-Trichlorobenzene	
Thalium		1,4-Dichlorobenzene	1,1,1-Trichloroethane	
		Dichlordifluoromethane*	1,1,2-Trichloroethane	
		1,1-Dichloroethane	1,1-Dichloroethane	
Color	Monitoring requirement is at State discretion Sample from 4/21/16 **Non-Detect**	1,2 Diichloroethane	Trichlorofluoromethane	
Odor		1,1 Dichloroethene	1,2,3-Trichloropropane	
		cis-1,2 Dichloroethene	1,2,4-Trimethylbenzene	
Iron		Trans-1,2-Dichloroethene	1,3,5-Trimethylbenzene	
Manganese		1,2 Dichloropropane	m-Xylene	
		1,3 Dichloropropane	o- Xylene	
		2,2 Dichloropropane	p-Xylene	
		1,1 Dichloropropene	Vinyl chloride (Wells#3 & #7)	
		Cis-1,3-Dichloropropene	MTBE	
		Total Coliform & E. coli		Monitoring is 4 samples/ month **Non-Detect**
		Radiological Parameters		
		Gross Alpha-Beta Scan		Monitoring is 1 sample every 6-9 years **Non-Detect**
		Radium 226	N/A	
Synthetic Organic Chemicals				
Synthetic Organic Chemicals (Group I)		Synthetic Organic Chemicals (Group II)		
Alachlor	Aldicarb	Aldrin	Benzo(a)pyrene	Monitoring requirement is 1 sample every 18 months; Sample from 4/21/16 **Non-Detect** ***State waiver does not require monitoring these compounds**
Aldicarb Sulfoxide	Aldicarb Sulfone	Butachlor	Carbaryl	
Atrazine	Carbofuran	Dalapon	Di(2-ethylhexyl)adipate	
Chlordane	Dibromochloropropane	Di(2-ethylhexyl)pthalate	Dicamba	
2,4-D	Endrin	Dieldrin	Dinoseb	
Ethylene Dibromide	Heptachlor	Diquat*	Endothall*	
Lindane	Methoxyhlor	Glyphosate*	Hexachlorobenzene	
PCB's	Toxaphene	Hexachlorocyclopentadiene	3-Hydroxycarbofuran	
2,4,5-TP (Silvex)		Methomyl	Metolachlor	
		Metribuzin	Oxamyl vydate	
		Pichloram	Propachlor	
		Simazine	2,3,7,8-TCDD (Dioxin)*	

JH CONSULTING GROUP, INC
PO BOX 705
NEWTONVILLE, NY 12128
(518) 785-9839

LABORATORY REPORT

Sample ID JH1602855 **Customer Code** 0801
Federal Water Supply Code NY4100041 **DOH** Rich Elder
Water Supply Village of Hoosick Falls Water Dept
Address 24 Main Street , Hoosick Falls , NY 12090
Sample Location Entry Point
Date Collected 4/21/2016 **Time Collected** 9:00 AM
Sample Collector Josh Magisano
Date Printed 5/6/2016
Date Entered 5/6/2016

Part V Table 8B Inorganic Chemicals & Physical Characteristics

Table 8B

ANALYTE	CONCENTRATION mg/L	MCL	METHOD	Date analyzed	NYS Lab
Arsenic	**<0.001**	0.01	EPA 200.8	5/2/2016	11549
Barium	**0.16**	2.00	EPA 200.8	5/2/2016	11549
Cadmium	**<0.001**	0.005	EPA 200.8	5/2/2016	11549
Chromium	**<0.001**	0.10	EPA 200.8	5/2/2016	11549
Mercury	**<0.0002**	0.002	EPA 245.1	4/28/2016	11216
Selenium	**<0.0051**	0.05	EPA 200.8	5/2/2016	11549
Fluoride	**<0.100**	2.2	EPA 300.0	4/26/2016	11216

	mg/L	MCL	METHOD	Date analyzed	NYS Lab
Antimony	**<0.00041**	0.006	EPA 200.8	5/2/2016	11549
Beryllium	**<0.00031**	0.004	EPA 200.8	5/2/2016	11549
Nickel	**<0.00051**	0.1	EPA 200.8	5/2/2016	11549
Thallium	**<0.00031**	0.002	EPA 200.8	5/2/2016	11549
Cyanide	**<0.0100**	0.2	EPA 335.4	5/3/2016	11216

Table 8C	mg/L	set up time	MCL	METHOD	Date analyzed	NYS Lab
Nitrate°	**<0.23**	10:30	10 mg/l as N	Hach 10206	4/21/2016	11799
Nitrite	**NT**		1 mg/l as N	SM18-4500-NO2 B		

JH CONSULTING GROUP, INC
PO BOX 705
NEWTONVILLE, NY 12128
(518) 785-9839

LABORATORY REPORT

Sample ID JH1602855 **Customer Code** 0801
Federal Water Supply Code NY4100041 **DOH** Rich Elder
Water Supply Village of Hoosick Falls Water Dept
Address 24 Main Street , Hoosick Falls , NY 12090
Sample Location Entry Point
Date Collected 4/21/2016 **Time Collected** 9:00 AM
Sample Collector Josh Magisano
Date Printed 5/6/2016
Date Entered 5/6/2016

Part V Table 8D Inorganic Chemicals & Physical Characteristics

Table 8D **CONCENTRATION mg/L**

SECONDARY INORGANIC STANDARDS		Time analyzed	MCL	METHOD	Date analyzed	NYS Lab
Chloride	**87.7**		250.0	EPA 300.0	4/26/2016	11216
Iron	**<0.01**		0.3	EPA 200.7	4/29/2016	11549
Manganese	**<0.002**		0.3	EPA 200.7	4/29/2016	11549
Silver	**<0.001**			EPA 200.8	5/2/2016	11549
Sodium	**54**		see note	EPA 200.7	4/29/2016	11549
Sulfate	**19.5**		250.0	EPA 300.0	4/26/2016	11216
Zinc	**0.024**		5.0	EPA 200.7	5/2/2016	11549
Color (units)	**<5.00**		15 units	SM2120B	4/26/2016	11216
Odor	**<1.00**		3 units	SM2150B	4/26/2016	11216
pH*	**7.49**	14:55	6.5-8.5 units	SM4500-H B	4/21/2016	11799
Temperature, celsius	**10.2**					

Note: Water containing more than 20 mg/l sodium should not be used for drinking by people on severely restricted sodium diets.
Water containing more than 270 mg/l of sodium should not be used for drinking by people on moderately restristed sodiium diets.
*As of 4/1/12, pH is no longer a state certified analysis.

JH CONSULTING GROUP, INC
PO BOX 705
NEWTONVILLE, NY 12128
(518) 785-9839

Sample ID	JH1602854	**Customer Code**	0801
Federal Water Supply Code	NY4100041		
Water Supply	Village of Hoosick Falls Water Dept		
Sample Location	Entry Point		
Date Collected	4/21/2016	**Time Collected**	9:00 AM
Sample Collector	Josh Magisano		
Date Printed	5/11/2016		

SYNTHETIC ORGANIC CHEMICALS

METHYLCARBAMATE PESTICIDES EPA 531.2

Date Analyzed 4/29/2016

ANALYTE	Concentration µg/L	NYS Lab 11549	MCL *
Aldicarb	<0.50		3
Aldicarb Sulfone	<0.80		2
Aldicarb Sulfoxide	<0.80		4
Carbofuran	<0.90		40
Oxamyl	<2.0		50
Methomyl	<0.50		50
3-Hydroxy Carbofuran	<0.50		50
Carbaryl	<0.50		50

MICROEXTRACTABLES EPA 504.1	Concentration µg/L	NYS Lab 10795	Date analyzed 4/27/2016
1,2-dibromoethane (EDB)	<0.0100		0.05
1,2-dibromo-3-chloropropane	<0.0100		0.20

CHLORINATED ACIDS EPA 515.3	CONCENTRATION µg/L	NYS Lab 11549	Date analyzed 4/28/2016
2,4-D	<0.10		50.0
Dalapon	<1.0		50.0
Dicamba	<0.10		50.0
Dinoseb	<0.20		7.0
Pentachlorophenol	<0.040		1.0
Pichloram	<0.10		1.0
2,4,5-TP	<0.20		10.0

Notes

JH CONSULTING GROUP, INC
PO BOX 705
NEWTONVILLE, NY 12128
(518) 785-9839

Sample ID	JH1602854	**Customer Code**	0801
Federal Water Supply Code	NY4100041		
Water Supply	Village of Hoosick Falls Water Dept		
Sample Location	Entry Point		
Date Collected	4/21/2016	**Time Collected**	9:00 AM
Sample Collector	Josh Magisano		
Date Printed	5/11/2016		

SYNTHETIC ORGANIC CHEMICALS

Organohalide Pesticides & PCB's ***EPA 505*** NYS Lab 11549

ANALYTE	CONCENTRATION ug/L	MCL *	Date analyzed 4/28/16
PCBs as Aroclors (screen)			
Aroclor 1016	**<0.080**	0.5	
Aroclor 1221	**<20**	0.5	
Aroclor 1232	**<0.50**	0.5	
Aroclor 1242	**<0.30**	0.5	
Aroclor 1248	**<0.10**	0.5	
Aroclor 1254	**<0.10**	0.5	
Aroclor 1260	**<0.20**	0.5	
Chlordane Total	**<0.20**	2.0	
Toxaphene	**<1.0**	3.0	
Aldrin	**NT**	5.0	
Endrin	**<0.010**	2.0	
Heptachlor	**NT**	0.4	
Heptachlor epoxide	**NT**	0.2	
Hexachlorobenzene	**NT**	1.0	
Hexachlorocyclopentadiene	**NT**	5.0	
Lindane	**NT**	0.2	
Methoxychlor	**NT**	40.0	
Dieldrin	**<0.020**	5.0	

Note: If one of the Aroclors is detected, then the value will be noted. Otherwise, Absence, Presence will be noted

Notes

The above test procedures meet all the requirements of NELAC and refer only to these samples

JH CONSULTING GROUP, INC
PO BOX 705
NEWTONVILLE, NY 12128
(518) 785-9839

Sample ID	JH1603601	**Customer Code**	0801
Federal Water Supply Code	NY4100041	**DOH**	Rich Elder Rens
Water Supply	Village of Hoosick Falls Water Dept		
Address	24 Main Street , Hoosick Falls , NY , 12090		
Sample Location	Entry Point, finished water tap		
Date Collected	5/10/2016	**Time Collected**	10:50 AM
Sample Collector	Josh Magisano		
Date Printed	5/25/2016		
Date Entered	5/21/2016		

Laboratory Report

SYNTHETIC ORGANIC CHEMICALS Table 9C

EPA 525.2	NYS Lab 11549	Date Analyzed 5/18/2016

ANALYTE	CONCENTRATION ug/L	MCL *
Alachlor	<0.19	2.0
Aldrin	<0.19	5.0
Atrazine	<0.094	3.0
Benzo(a)pyrene	<0.019	0.2
DI (2-ethylhexyl) adipate	<0.57	50.0
DI (2-ethylhexyl) phthalate	<0.57	6.0
Butachlor	<0.094	50.0
Endrin	See EPA 505	2.0
Heptachlor	<0.038	0.4
Heptachlor epoxide	<0.019	0.2
Hexachlorobenzene	<0.094	1.0
Hexachlorocyclopentadiene	<0.094	5.0
Lindane	<0.019	0.2
Methoxychlor	<0.094	40.0
Metolachlor	<0.094	50.0
Metribuzin	<0.094	50.0
Propachlor	<0.094	50.0
Simazine	<0.066	4.0
Dieldrin	See EPA 505	5.0

Notes

JH CONSULTING, GROUP, INC
PO BOX 705
NEWTONVILLE, NY 12128
(518) 785-9839

FIRST DRAW LEAD MONITORING RESULTS

Date Printed 10/18/2016

SAMPLE ID	WATER SUPPLY	CUSTOMER NAME	ADDRESS	DATE COLLECTED	HOURS OF NON USE	LEAD	Date Analyzed Lead
1608263	Village of Hoosick Falls Water Dept	Bornt	18 Cummings St	9/22/2016	10.25	<0.001	10/17/16
1608265	Village of Hoosick Falls Water Dept	Fitzsimmons	92 Classic St	9/22/2016	7.5	<0.001	10/17/16
1608266	Village of Hoosick Falls Water Dept	Rawling	25 Carrey Ave	9/22/2016	9	<0.001	10/17/16
1608267	Village of Hoosick Falls Water Dept	Larson	199 Church St	9/22/2016	9	<0.001	10/17/16
1608268	Village of Hoosick Falls Water Dept	Atherton	33 Rilier St	9/22/2016	8.5	<0.001	10/17/16
1608269	Village of Hoosick Falls Water Dept		48 Center St	9/22/2016		<0.001	10/17/16
1608270	Village of Hoosick Falls Water Dept	Van Wen Kai	143 Main St	9/22/2016		<0.001	10/17/16
1608271	Village of Hoosick Falls Water Dept	Sausville	60 Parsons Ave	9/22/2016	10	<0.001	10/17/16
1608272	Village of Hoosick Falls Water Dept	Schmigel	15 Center St	9/22/2016	10	<0.001	10/17/16
1608273	Village of Hoosick Falls Water Dept	True Value	21953 Rt 22	9/22/2016	8.75	<0.001	10/17/16
1608274	Village of Hoosick Falls Water Dept	Smith	41 River Rd	9/22/2016	8	<0.001	10/17/16
1608275	Village of Hoosick Falls Water Dept	McCor	t 70 Dale St	9/22/2016	8	<0.001	10/17/16
1608276	Village of Hoosick Falls Water Dept		66 River St	9/22/2016		<0.001	10/17/16
1608277	Village of Hoosick Falls Water Dept	Pierce	72 Main St	9/22/2016	8.5	<0.001	10/17/16
1608279	Village of Hoosick Falls Water Dept	Hurlburt	8 Martin ST	9/22/2016	7	<0.001	10/17/16
1608280	Village of Hoosick Falls Water Dept		58 High St	9/22/2016	7.5	<0.001	10/17/16
1608281	Village of Hoosick Falls Water Dept		11 Waterworks Rd	9/22/2016		<0.001	10/17/16
1608282	Village of Hoosick Falls Water Dept	Briggs	11 Ashley Dr	9/22/2016	9.5	<0.001	10/17/16
1608264	Village of Hoosick Falls Water Dept	Leva	123 Main St	9/22/2016	8	0.009	10/17/16
1608278	Village of Hoosick Falls Water Dept	Peabody	5 Martin St	9/22/2016	10.5	0.12	10/17/16

LEAD VALUES ARRANGED IN ASCENDING ORDER

90th PERCENTILE LEAD CONCENTRATION *(HIGHLIGHTED IN YELLOW)*

If value is (greater than) >0.015 mg/l the Action Level is Exceeded
If value is (less than or equal to) ≤0.015 mg/l you are in Compliance

values for lead and copper are in mg/L
Analysis performed for JH Consulting Group, Inc by NYS Lab 10350 , The above test procedures meet all the requirements of NELAC and relate only to these samples

JH CONSULTING, GROUP, INC
PO BOX 705
NEWTONVILLE, NY 12128
(518) 785-9839

FIRST DRAW COPPER MONITORING RESULTS

Date Printed 10/18/2016

SAMPLE ID	WATER SUPPLY	CUSTOMER NAME	ADDRESS	DATE COLLECTED	HOURS OF NON USE	COPPER	DATE ANALYZED
608267	Village of Hoosick Falls Water	Larson	199 Church St	9/22/2016	.9	<0.02	9/30/16
608264	Village of Hoosick Falls Water	Leva	123 Main St	9/22/2016	8	0.05	9/30/16
608266	Village of Hoosick Falls Water	Rawling	25 Carrey Ave	9/22/2016	9	0.05	9/30/16
608277	Village of Hoosick Falls Water	Pierce	72 Main St	9/22/2016	8.5	0.05	9/30/16
608276	Village of Hoosick Falls Water		66 River St	9/22/2016		0.08	9/30/16
608279	Village of Hoosick Falls Water	Hurlburt	8 Martin ST	9/22/2016	7	0.10	9/30/16
608263	Village of Hoosick Falls Water	Bornt	18 Cummings St	9/22/2016	?	0.11	9/30/16
608265	Village of Hoosick Falls Water	Fitzsimmons	92 Classic St	9/22/2016	7.5	0.14	9/30/16
608281	Village of Hoosick Falls Water		11 Waterworks Rd	9/22/2016		0.18	9/30/16
608273	Village of Hoosick Falls Water	True Value	21953 Rt 22	9/22/2016	8.75	0.21	9/30/16
608269	Village of Hoosick Falls Water		48 Center St	9/22/2016		0.31	9/30/16
608280	Village of Hoosick Falls Water		58 High St	9/22/2016	7.5	0.33	9/30/16
608278	Village of Hoosick Falls Water	Peabody	5 Martin St	9/22/2016	10.5	0.41	9/30/16
608274	Village of Hoosick Falls Water	Smith	41 River Rd	9/22/2016	8	0.45	9/30/16
608272	Village of Hoosick Falls Water	Schmigel	15 Center St	9/22/2016	10	0.54	9/30/16
608268	Village of Hoosick Falls Water	Atherton	33 Rilier St	9/22/2016	8.5	0.56	9/30/16
608271	Village of Hoosick Falls Water	Sausville	60 Parsons Ave	9/22/2016	10	0.66	9/30/16
608270	Village of Hoosick Falls Water	Van Wen Kai	143 Main St	9/22/2016		0.76	9/30/16
608282	Village of Hoosick Falls Water	Briggs	11 Ashley Dr	9/22/2016	9.5	0.82	9/30/16
608275	Village of Hoosick Falls Water	McCor	t 70 Dale St	9/22/2016	8	1.65	9/30/16

Copper VALUES ARRANGED IN ASCENDING ORDER

90th PERCENTILE COPPER CONCENTRATION *(HIGHLIGHTED IN YELLOW)*

If value is (greater than) >1.3 mg/l the Action Level is Exceeded
If value is (less than or equal to) ≤1.3 mg/l you are in Compliance

values for lead and copper are in mg/L
Analysis performed for JH Consulting Group, Inc by NYS Lab 10350 , The above test procedures meet all the requirements of NELAC and relate only to these samples

PUBLIC WATER SUPPLY	SAMPLE ID #	SAMPLE LOCATION	DATE COLLECTED	TOTAL TRIHALOMETHANE	THM LRAA	Total Haloacetic Acid	HAA5 LRAA
Village of Hoosick Falls Water Dept	JH1601920	Stage 2 563 Johnson Hill Road kitchen cold water tap	03/21/2016	4		1	
Village of Hoosick Falls Water Dept	JH1604871	Stage 2 563 Johnson Hill Road kitchen cold water tap	06/14/2016	1.6		1	
Village of Hoosick Falls Water Dept	JH1608254	Stage 2 563 Johnson Hill Road kitchen cold water tap	09/22/2016	5.5		1.7	
Village of Hoosick Falls Water Dept	JH1611114	Stage 2 563 Johnson Hill Road kitchen cold water tap	12/20/2016	4	3.775	1	1.175
Village of Hoosick Falls Water Dept	JH1601922	Stage 2 16 Saratoga Street kitchen cold water tap	03/21/2016	4		1	
Village of Hoosick Falls Water Dept	JH1604869	Stage 2 16 Saratoga Street kitchen cold water tap	06/14/2016	1.2		1	
Village of Hoosick Falls Water Dept	JH1608252	Stage 2 16 Saratoga Street kitchen cold water tap	09/22/2016	3.4		1.7	
Village of Hoosick Falls Water Dept	JH1611108	Stage 2 16 Saratoga Street kitchen cold water tap	12/20/2016	4	3.15	1	1.175
Village of Hoosick Falls Water Dept	JH1601918	Stage 2: 8 Martin Street	03/21/2016	4		1	
Village of Hoosick Falls Water Dept	JH1604875	Stage 2: 8 Martin Street	06/14/2016	4		1	
Village of Hoosick Falls Water Dept	JH1608258	Stage 2: 8 Martin Street	09/22/2016	1.2		1	
Village of Hoosick Falls Water Dept	JH1611112	Stage 2: 8 Martin Street	12/20/2016	4	3.3	1	1
Village of Hoosick Falls Water Dept	JH1601924	Stage 2: 140 Main St, Faucet	03/21/2016	4		1	
Village of Hoosick Falls Water Dept	JH1604873	Stage 2: 140 Main St, Faucet	06/14/2016	4		1	
Village of Hoosick Falls Water Dept	JH1608256	Stage 2: 140 Main St, Faucet	09/22/2016	1.4		2.4	
Village of Hoosick Falls Water Dept	JH1611110	Stage 2: 140 Main St, Faucet	12/20/2016	4	3.35	1	1.35

PUBLIC WATER SUPPLY	SAMPLE ID #	SAMPLE LOCATION	DATE COLLECTED	TOTAL TRIHALOMETHANE	THM LRAA	Total Haloacetic Acid	HAA5 LRAA
Village of Hoosick Falls Water Dept	JH1601920	Stage 2 563 Johnson Hill Road kitchen cold water tap	03/21/2016	4		1	
Village of Hoosick Falls Water Dept	JH1604871	Stage 2 563 Johnson Hill Road kitchen cold water tap	06/14/2016	1.6		1	
Village of Hoosick Falls Water Dept	JH1608254	Stage 2 563 Johnson Hill Road kitchen cold water tap	09/22/2016	5.5		1.7	
Village of Hoosick Falls Water Dept	JH1601922	Stage 2 16 Saratoga Street kitchen cold water tap	03/21/2016	4		1	
Village of Hoosick Falls Water Dept	JH1604869	Stage 2 16 Saratoga Street kitchen cold water tap	06/14/2016	1.2		1	
Village of Hoosick Falls Water Dept	JH1608252	Stage 2 16 Saratoga Street kitchen cold water tap	09/22/2016	3.4		1.7	
Village of Hoosick Falls Water Dept	JH1508402	Stage 2: 8 Martin Street	12/11/2015	7	4.05	7.1	2.525
Village of Hoosick Falls Water Dept	JH1601918	Stage 2: 8 Martin Street	03/21/2016	4		1	
Village of Hoosick Falls Water Dept	JH1604875	Stage 2: 8 Martin Street	06/14/2016	4		1	
Village of Hoosick Falls Water Dept	JH1608258	Stage 2: 8 Martin Street	09/22/2016	1.2		1	
Village of Hoosick Falls Water Dept	JH1508406	Stage 2: 140 Main St, Faucet	12/11/2015	7.9	4.325	3.4	1.95
Village of Hoosick Falls Water Dept	JH1601924	Stage 2: 140 Main St, Faucet	03/21/2016	4		1	
Village of Hoosick Falls Water Dept	JH1604873	Stage 2: 140 Main St, Faucet	06/14/2016	4		1	
Village of Hoosick Falls Water Dept	JH1608256	Stage 2: 140 Main St, Faucet	09/22/2016	1.4		2.4	

PUBLIC WATER SUPPLY	SAMPLE ID #	SAMPLE LOCATION	DATE COLLECTED	TOTAL TRIHALOMETHANE	THM LRAA	Total Haloacetic Acid	HAA5 LRAA
Village of Hoosick Falls Water Dept	JH1601920	Stage 2 563 Johnson Hill Road kitchen cold water tap	03/21/2016	4		1	
Village of Hoosick Falls Water Dept	JH1604871	Stage 2 563 Johnson Hill Road kitchen cold water tap	06/14/2016	1.6		1	
Village of Hoosick Falls Water Dept	JH1601922	Stage 2 16 Saratoga Street kitchen cold water tap	03/21/2016	4		1	
Village of Hoosick Falls Water Dept	JH1604869	Stage 2 16 Saratoga Street kitchen cold water tap	06/14/2016	1.2		1	
Village of Hoosick Falls Water Dept	JH1506554	Stage 2: 8 Martin Street	09/21/2015	11	6.5	4.6	3.425
Village of Hoosick Falls Water Dept	JH1508402	Stage 2: 8 Martin Street	12/11/2015	7		7.1	
Village of Hoosick Falls Water Dept	JH1601918	Stage 2: 8 Martin Street	03/21/2016	4		1	
Village of Hoosick Falls Water Dept	JH1604875	Stage 2: 8 Martin Street	06/14/2016	4		1	
Village of Hoosick Falls Water Dept	JH1506548	Stage 2: Danforth Street Health Center	09/21/2015	17.1		6	
Village of Hoosick Falls Water Dept	JH1508404	Stage 2: Danforth Street Health Center	12/11/2015	10.5		5.5	
Village of Hoosick Falls Water Dept	JH1506552	Stage 2: True Value Hardware, Rt 22	09/21/2015	20.5		11	
Village of Hoosick Falls Water Dept	JH1508408	Stage 2: True Value Hardware, Rt 22	12/11/2015	15.1		7.6	
Village of Hoosick Falls Water Dept	JH1506550	Stage 2: 140 Main St, Faucet	09/21/2015	12.5	7.1	14	4.85
Village of Hoosick Falls Water Dept	JH1508406	Stage 2: 140 Main St, Faucet	12/11/2015	7.9		3.4	
Village of Hoosick Falls Water Dept	JH1601924	Stage 2: 140 Main St, Faucet	03/21/2016	4		1	
Village of Hoosick Falls Water Dept	JH1604873	Stage 2: 140 Main St, Faucet	06/14/2016	4		1	

What is your average distribution system chlorine residual? 0.74 mg/L. What is the range of chlorine residuals in your system for 2015? Lowest 0.14 mg/L; Highest 1.53 mg/L

For All Systems

What is your system's average daily demand? 288,188 gallons

What was your sytem's highest single day 733,315 gallons

How many gallons (total) did you pump in 2015? 105,476,942

How many service connections do you have? appx 1300

How many people do you serve? appx 4500

Have you added more storage capacity to your system? Tanks, standpipes etc. since last year. (Describe) no

Did you have any positive coliform or E. coli samples? If so when? Describe pos TC 6/14 - well #3, 8/30 - well #6, 8/30 563 Johnson Hill Rd, 9/22 well #6

Did you have any Monitoring Violations? yes

Did you have any Reporting Violations? no

Are you operating under any Variances, Exemptions, Administrative or Judicial Orders?

no

For Systems that Fluoridate

The optimal range for fluoride is 0.8 ppm- 1.2 ppm. What percentage of the time were your fluoride levels in that range.? 80%, 85 % 90% 95% 100 % _____%

Contact person who will handle questions about the water.

Name Jim Hurlburt

Address 13 Waterworks Rd Hoosick Falls NY 12090

Title Chief Operator

Phone Number 518 686 0200

E Mail Address j.hurlburt@gmail.com

JH CONSULTING GROUP, INC
PO BOX 705
NEWTONVILLE, NY 12128
(518) 785-9839

SAMPLE ID# JH1602856 **SUPPLY CODE** 0801

PUBLIC WATER SUPPLY Village of Hoosick Falls Water Dept **FEDERAL ID#** NY4100041

ADDRESS 24 Main Street Hoosick Falls NY 12090 **DOH** Rich Elder Rens

SAMPLE LOCATION Well # 3 E-mail

DATE COLLECTED 4/21/2016 **TIME COLLECTED** 8:30 AM **SAMPLER** Josh Magisano **Date Printed** 5/16/2016

Volatile Organic Chemical Analysis EPA Method 524.2 Table 98 **NYS Lab** 10350 **Date Analyzed** 5/10/2016

PARAMETER	CONCENTRATION UG/L	MCL	PARAMETER	CONCENTRATION UG/L	MCL
BENZENE	<0.5	5	2,2-DICHLOROPROPANE	<0.5	5
BROMOBENZENE	<0.5	5	1,1-DICHLOROPROPENE	<0.5	5
BROMOCHLOROMETHANE	<0.5	5	1,3-DICHLOROPROPENE (TOTAL)	<0.5	5
BROMOMETHANE	<0.5 S-	5	ETHYLBENZENE	<0.5	5
N-BUTYLBENZENE	<0.5	5	HEXACHLOROBUTADIENE	<0.5	5
SEC-BUTYLBENZENE	<0.5	5	ISOPROPYLBENZENE	<0.5	5
TERT-BUTYLBENZENE	<0.5	5	P-ISOPROPYLTOLUENE	<0.5	5
CARBON TETRACHLORIDE	<0.5	5	METHYLENE CHLORIDE	<0.5	5
CHLOROBENZENE	<0.5	5	N-PROPYLBENZENE	<0.5	5
CHLOROETHANE	<0.5	5	STYRENE	<0.5	5
CHLOROMETHANE	<0.5	5	1,1,1,2-TETRACHLOROETHANE	<0.5	5
2-CHLOROTOLUENE	<0.5	5	1,1,2,2-TETRACHLOROETHANE	<0.5	5
4-CHLOROTOLUENE	<0.5	5	TETRACHLOROETHENE	<0.5	5
DIBROMOMETHANE	<0.5	5	TOLUENE	<0.5	5
1,2-DIBROMOETHANE	<0.5	5	1,2,3-TRICHLOROBENZENE	<0.5	5
1,2-DICHLOROBENZENE	<0.5	5	1,2,4-TRICHLOROBENZENE	<0.5	5
1,3-DICHLOROBENZENE	<0.5	5	1,1,1-TRICHLOROETHANE	<0.5	5
1,4-DICHLOROBENZENE	<0.5	5	1,1,2-TRICHLOROETHANE	<0.5	5
DICHLORDIFLUOROMETHANE	<0.5	5	TRICHLOROETHENE	<0.5	5
1,1-DICHLOROETHANE	<0.5	5	TRICHLOROFLUOROMETHANE	<0.5	5
1,2-DICHLOROETHANE	<0.5	5	1,2,3-TRICHLOROPROPANE	<0.5	5
1,1-DICHLOROETHENE	<0.5	5	1,2,4-TRIMETHYLBENZENE	<0.5	5
CIS-1,2-DICHLOROETHENE	<0.5	5	1,3,5-TRIMETHYLBENZENE	<0.5	5
TRANS-1,2-DICHLOROETHENE	<0.5	5	VINYL CHLORIDE	<0.5	2
1,2-DICHLOROPROPANE	<0.5	5	M-XYLENE	<0.5	5
1,3-DICHLOROPROPANE	<0.5	5	O-XYLENE	<0.5	5
Methyl Tert Butyl Ether	<0.5	10	P-XYLENE	<0.5	5

Notes The surrogate recoveries of 4-Bromofluorobenzene and 1,2-Dichlorobenzene-d4 for this sample were within acceptance limits at 98 and 96% respectively. The acceptance limits are 80-120%.
Hold Time Exceeded.
S- Lab control sample outside acceptance limits.

The accompanying trip blank was found to be less than the required detection limit for POC/VOC
MCL = Maximum Contaminant Level referenced from New York State Subpart 5-1 of the Public Drinking Water Standards

JH CONSULTING GROUP, INC
PO BOX 705
NEWTONVILLE, NY 12128
(518) 785-9839

SAMPLE ID# JH1602857 **SUPPLY CODE** 0801

PUBLIC WATER SUPPLY Village of Hoosick Falls Water Dept **FEDERAL ID#** NY4100041

ADDRESS 24 Main Street Hoosick Falls NY 12090 **DOH** Rich Elder Rens

SAMPLE LOCATION Well # 7 E-mail

DATE COLLECTED 4/21/2016 **TIME COLLECTED** 7:50 AM **SAMPLER** Josh Magisano **Date Printed** 5/16/2016

Volatile Organic Chemical Analysis EPA Method 524.2 Table 9B **NYS Lab** 10350 **Date Analyzed** 5/10/2016

PARAMETER	CONCENTRATION UG/L	MCL	PARAMETER	CONCENTRATION UG/L	MCL
BENZENE	<0.5	5	2,2-DICHLOROPROPANE	<0.5	5
BROMOBENZENE	<0.5	5	1,1-DICHLOROPROPENE	<0.5	5
BROMOCHLOROMETHANE	<0.5	5	1,3-DICHLOROPROPENE (TOTAL)	<0.5	5
BROMOMETHANE	<0.5[S]	5	ETHYLBENZENE	<0.5	5
N-BUTYLBENZENE	<0.5	5	HEXACHLOROBUTADIENE	<0.5	5
SEC-BUTYLBENZENE	<0.5	5	ISOPROPYLBENZENE	<0.5	5
TERT-BUTYLBENZENE	<0.5	5	P-ISOPROPYLTOLUENE	<0.5	5
CARBON TETRACHLORIDE	<0.5	5	METHYLENE CHLORIDE	<0.5	5
CHLOROBENZENE	<0.5	5	N-PROPYLBENZENE	<0.5	5
CHLOROETHANE	<0.5	5	STYRENE	<0.5	5
CHLOROMETHANE	<0.5	5	1,1,1,2-TETRACHLOROETHANE	<0.5	5
2-CHLOROTOLUENE	<0.5	5	1,1,2,2-TETRACHLOROETHANE	<0.5	5
4-CHLOROTOLUENE	<0.5	5	TETRACHLOROETHENE	<0.5	5
DIBROMOMETHANE	<0.5	5	TOLUENE	<0.5	5
1,2-DIBROMOETHANE	<0.5	5	1,2,3-TRICHLOROBENZENE	<0.5	5
1,2-DICHLOROBENZENE	<0.5	5	1,2,4-TRICHLOROBENZENE	<0.5	5
1,3-DICHLOROBENZENE	<0.5	5	1,1,1-TRICHLOROETHANE	<0.5	5
1,4-DICHLOROBENZENE	<0.5	5	1,1,2-TRICHLOROETHANE	<0.5	5
DICHLORDIFLUOROMETHANE	<0.5	5	TRICHLOROETHENE	<0.5	5
1,1-DICHLOROETHANE	<0.5	5	TRICHLOROFLUOROMETHANE	<0.5	5
1,2-DICHLOROETHANE	<0.5	5	1,2,3-TRICHLOROPROPANE	<0.5	5
1,1-DICHLOROETHENE	<0.5	5	1,2,4-TRIMETHYLBENZENE	<0.5	5
CIS-1,2-DICHLOROETHENE	<0.5	5	1,3,5-TRIMETHYLBENZENE	<0.5	5
TRANS-1,2-DICHLOROETHENE	<0.5	5	VINYL CHLORIDE	<0.5	2
1,2-DICHLOROPROPANE	<0.5	5	M-XYLENE	<0.5	5
1,3-DICHLOROPROPANE	<0.5	5	O-XYLENE	<0.5	5
Methyl Tert Butyl Ether	<0.5	10	P-XYLENE	<0.5	5

Notes The surrogate recoveries of 4-Bromofluorobenzene and 1,2-Dichlorobenzene-d4 for this sample were within acceptance limits at 94 and 92% respectively. The acceptance limits are 80-120%.
Hold Time Exceeded.
S- Lab control sample outside acceptance limits.

The accompanying trip blank was found to be less than the required detection limit for POC/VOC
MCL = Maximum Contaminant Level referenced from New York State Subpart 5-1 of the Public Drinking Water Standards

JH CONSULTING GROUP, INC
PO BOX 705
NEWTONVILLE, NY 12128
(518) 785-9839

SAMPLE ID# JH1608260 **SUPPLY CODE** 0801

PUBLIC WATER SUPPLY Village of Hoosick Falls Water Dept **FEDERAL ID#** NY4100041

ADDRESS 24 Main Street Hoosick Falls NY 12090 **DOH** Rich Elder Rens

SAMPLE LOCATION Well #6, well head E-mail

DATE COLLECTED 9/22/2016 **TIME COLLECTED** 9:00 AM **SAMPLER** Josh Magisano **Date Printed** 10/18/2016

Volatile Organic Chemical Analysis EPA Method 524.2 Table 9B **NYS Lab** 10350 **Date Analyzed** 9/28/2016

PARAMETER	CONCENTRATION UG/L	MCL	PARAMETER	CONCENTRATION UG/L	MCL
BENZENE	<0.5	5	2,2-DICHLOROPROPANE	<0.5	5
BROMOBENZENE	<0.5	5	1,1-DICHLOROPROPENE	<0.5	5
BROMOCHLOROMETHANE	<0.5	5	1,3-DICHLOROPROPENE (TOTAL)	<0.5	5
BROMOMETHANE	<0.5	5	ETHYLBENZENE	<0.5	5
N-BUTYLBENZENE	<0.5	5	HEXACHLOROBUTADIENE	<0.5	5
SEC-BUTYLBENZENE	<0.5	5	ISOPROPYLBENZENE	<0.5	5
TERT-BUTYLBENZENE	<0.5	5	P-ISOPROPYLTOLUENE	<0.5	5
CARBON TETRACHLORIDE	<0.5	5	METHYLENE CHLORIDE	<0.5	5
CHLOROBENZENE	<0.5	5	N-PROPYLBENZENE	<0.5	5
CHLOROETHANE	<0.5	5	STYRENE	<0.5	5
CHLOROMETHANE	<0.5	5	1,1,1,2-TETRACHLOROETHANE	<0.5	5
2-CHLOROTOLUENE	<0.5	5	1,1,2,2-TETRACHLOROETHANE	<0.5	5
4-CHLOROTOLUENE	<0.5	5	TETRACHLOROETHENE	<0.5	5
DIBROMOMETHANE	<0.5	5	TOLUENE	<0.5	5
1,2-DIBROMOETHANE	<0.5	5	1,2,3-TRICHLOROBENZENE	<0.5	5
1,2-DICHLOROBENZENE	<0.5	5	1,2,4-TRICHLOROBENZENE	<0.5	5
1,3-DICHLOROBENZENE	<0.5	5	1,1,1-TRICHLOROETHANE	<0.5	5
1,4-DICHLOROBENZENE	<0.5	5	1,1,2-TRICHLOROETHANE	<0.5	5
DICHLORDIFLUOROMETHANE	<0.5	5	TRICHLOROETHENE	<0.5	5
1,1-DICHLOROETHANE	<0.5	5	TRICHLOROFLUOROMETHANE	<0.5	5
1,2-DICHLOROETHANE	1.6	5	1,2,3-TRICHLOROPROPANE	<0.5	5
1,1-DICHLOROETHENE	<0.5	5	1,2,4-TRIMETHYLBENZENE	<0.5	5
CIS-1,2-DICHLOROETHENE	<0.5	5	1,3,5-TRIMETHYLBENZENE	<0.5	5
TRANS-1,2-DICHLOROETHENE	<0.5	5	VINYL CHLORIDE	1.8	2
1,2-DICHLOROPROPANE	<0.5	5	M-XYLENE	<0.5	5
1,3-DICHLOROPROPANE	<0.5	5	O-XYLENE	<0.5	5
Methyl Tert Butyl Ether	<0.5	10	P-XYLENE	<0.5	5

Notes The surrogate recoveries of 4-Bromofluorobenzene and 1,2-Dichlorobenzene-d4 for this sample were within acceptance limits at 95 and 88% respectively. The acceptance limits are 80-120%. Results were confirmed by repeat analysis completed on 9/29/16. The accompanying trip blank was found to be less than the reporting limits for vinyl chloride and 1,2dichloroethene.

The accompanying trip blank was found to be less than the required detection limit for POC/VOC

MCL = Maximum Contaminant Level referenced from New York State Subpart 5-1 of the Public Drinking Water Standards