VILLAGE OF BUFFALO GROVE



Department of Public WorksFifty One Raupp Blvd.
Buffalo Grove, IL 60089-2198
Fax 847-537-5845

July 2, 2021

David K. Haisma Supt. of Utility Operations Phone 847-459-2545 dhaisma@ybg.org

> Illinois EPA Bureau of Water CAS # 19 1021 North Grand Ave., East P.O. Box 19276 Springfield, IL 62794-9276

Subject:

0314180, Buffalo Grove-2020 Consumer Confidence Report

CCR Certification of Delivery

Dear Mary Reed:

As instructed in the Drinking Water Compliance Unit Compliance Assurance Section, Bureau of Water, I am transmitting a Consumer Confidence Report (CCR) self assessment / Certification of delivery form for the Village of Buffalo Grove along with Buffalo Grove's 2020 Consumer Confidence Report document. The Village of Buffalo Grove CCR, which was mailed to all postal patrons within the Village of Buffalo Grove was mailed on 6/22/21.

Public Works staff hand delivered a 2020 CCR Report to the (23) customer of the Village of Buffalo Grove water system who is not located within the Village water billing mailing zip code.

The advertisement of the availability of the Village of Buffalo Grove Consumer Confidence Report in the news media was done through a press release, a copy of which is attached for reference.

I believe that this certification of distribution accomplishes the Consumer Confidence Report publication requirements for Buffalo Grove for this year.

If you have any questions concerning this transmittal, please let me know.

Very truly yours,

Village of Buffalo Grove

David K. Haisma

Superintendent of Water Operations

Enclosures

cc: Dane Bragg, Village Manager Michael Skibbe, Director of Public Works Kyle Johnson, Deputy Director of Public Works

K:\WATER\REPORTS\ANNUAL\2020 CCR CORR.doc

An Internationally Accredited Public Works Agency Since 2004





Water System ID: IL0314180 Water System Name: Buffalo Grove

Consumer Confidence Report Certification Form

	f Delivery									
CCD Date		Wavier Population Category, Circle O	one: 500 a	r Less 5	01 to 10, 000	greater than 10,000				
LCK Dell	very Met	hod Used (see attachment): Circle One	: <u>M</u> (DD A	MOD B	MOD C				
Connected	d System	Requirements, <u>Circle One, if applicable</u>	e: Pur	chase Water	<u>Sell Water</u>					
requirement acknowled	nts. The diging com	ed to be submitted to certify that your owner, administrative contact, or responding pliance with Illinois Environmental Protect or Confidence Reports.	nsible operato	or in charge	must sign this	certificate of acceptance				
included in included. I downloade	Detailed CCR instructions and regulation requirements are listed in Chapter 2 of the Sample Collectors Handbook (SCH). Also included in the handbook, is a check list that can be used to verify prior to issuing the CCR that all required elements have been included. It is recommended that you review this chapter and check list prior to issuing your CCR. The SCH can be viewed and/or downloaded at the following Internet web address: https://www2.illinois.gov/epa/topics/compliance-enforcement/drinking-water/Pages/sample-collectors-handbook.aspx									
e-mail the	to the II report to I	delivery certification, sign, return it along linois EPA, CCR Coordinator, BOW/CASEPA.PWSCompliance@Illinois.gov	#19, P.O. Bo	k 19276, Sprii	CR and the URI	Notification if applicable, 62794-9276. You can also				
CERTII Depending or	FICAT n your metho	ION OF DELIVERY (SCH Referred of CCR Delivery Requirement, you MUST completed	rence Page 17 te ONE of the follo	' - 19) owing METHOD (OF DELIVERY certific	cation sections.				
METH	IOD "A	" DIRECT DELIVERY (use for E	lectronic CCR or p	aper copy CCR d	elivered to all custo	omers)				
DELIVE	RY DATE	E REQUIRED nic CCR URL notification was mailed on 6				(enter delivery date)				
Depending	g on your m	ethod of CCR Delivery, you MUST complete at	least ONE of th	e following me	thods. Please cl	heck all items that apply.				
1.										
	l xxx	CCR was distributed by mail or hand dol	ivered lanter	daliyanı data	ahaya)					
	XXX	CCR was distributed by mail or hand del				ocator (LIDI.) (Submit a				
2.	<u>XXX</u>	CCR was distributed by mail or hand del Mail – notification that CCR is available copy of the URL notification, i.e. water	on Web site v	a a direct uni	form resource I	ocator (URL) <u>(Submit a</u> above)				
		Mail – notification that CCR is available	on Web site v <i>bill<mark>, newslett</mark>e</i>	a a direct uni er, etc.) (ente	form resource I	ocator (URL) <u>(Submit a</u> above)				
3.		Mail – notification that CCR is available copy of the URL notification, i.e. water E-mail – direct URL to CCR (submit a sar E-mail – CCR sent as an attachment to the	on Web site v bill, newslette nple copy of t he e-mail (sub	a a direct uni er, etc.) (ente he e-mail) mit a sample	form resource I r delivery date copy of the e-r	above)				
3. 4. 5.		Mail – notification that CCR is available copy of the URL notification, i.e. water E-mail – direct URL to CCR (submit a sar E-mail – CCR sent as an attachment to tl E-mail – CCR sent embedded in the e-mail	on Web site v bill, newslette mple copy of t he e-mail (sub ail (submit a s	a a direct uni er, etc.) (ente he e-mail) mit a sample ample copy o	form resource I r delivery date copy of the e-r f the e-mail)	above) mail)				
3.		Mail – notification that CCR is available copy of the URL notification, i.e. water E-mail – direct URL to CCR (submit a sar E-mail – CCR sent as an attachment to tl E-mail – CCR sent embedded in the e-mail of the comp	on Web site v bill, newslette mple copy of the he e-mail (sub ail (submit a so oin at Village	a a direct uni er, etc.) (ente he e-mail) mit a sample ample copy o e Hall and P	form resource I r delivery date copy of the e-r of the e-mail)	nail) Buildings.				
2. 3. 4. 5.		Mail – notification that CCR is available copy of the URL notification, i.e. water E-mail – direct URL to CCR (submit a sar E-mail – CCR sent as an attachment to the E-mail – CCR sent embedded in the e-m. Other: Copies placed in take out the Also advertised availability of the copy of the cop	on Web site verbill, newsletter mple copy of the e-mail (submit a spin at Village me CCR in a	a a direct uni er, etc.) (ente he e-mail) mit a sample ample copy o e Hall and P Press Rele	form resource I r delivery date copy of the e-r of the e-mail) ublic Works ases with me	nail) Buildings.				
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2. 3. 4. 5. 6. CWS servi	XXX	Mail – notification that CCR is available copy of the URL notification, i.e. water E-mail – direct URL to CCR (submit a sar E-mail – CCR sent as an attachment to tl E-mail – CCR sent embedded in the e-mail – CCR sent embedded in take out the Also advertised availability of the cool, Posted CCR on a publicly accessible WWW.VBG.ORG/0	on Web site vibill, newslette mple copy of the e-mail (submit a soin at Village me CCR in a Internet site a	a a direct uni er, etc.) (ente he e-mail) mit a sample ample copy of Hall and P Press Rele t the followin	form resource I r delivery date copy of the e-r of the e-mail) ublic Works ases with me	above) mail) Buildings. edia contacts included				
2. 3. 4. 5. 6. CWS servi	XXX ing => 100 OD "B' supply receach custom. In additional control c	Mail – notification that CCR is available copy of the URL notification, i.e. water E-mail – direct URL to CCR (submit a sar E-mail – CCR sent as an attachment to tl E-mail – CCR sent embedded in the e-mail – CCR sent embedded in take out the Also advertised availability of the cool, Posted CCR on a publicly accessible	on Web site v bill, newslette mple copy of the e-mail (submit a soin at Village me CCR in a Internet site a CCR Der; PWS must receives a direct pas published in	a a direct uni er, etc.) (ente he e-mail) mit a sample ample copy of Hall and P Press Rele t the followin eive waiver from opulation bein its entirety	form resource I r delivery date copy of the e-r of the e-mail) ublic Works ases with me g address: Illinois EPA to use tween 501 and in one or more	above) mail) Buildings. edia contacts included this option) 10,000, the CCR was not newspapers of general				
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since our supply received a Method of Delivery Walver and	only; PWS <u>must receive waiver</u> from Illinois EPA to use this option)
each customer. However, as required customers were noti	serves a direct population of 500 or less, the CCR was not mailed to ified that a CCR was prepared and is available upon request.
eden editeri. However, as required, customers were noti	
The CCR notice of availability was delivered on:	(enter date)
Insert method here (i.e., newspaper, posted, hand delivered, etc.)	
GOOD FAITH EFFORT: at a minimum, one good	faith effort must be used to reach non-bill paying consumers
Check all that apply:	
Posted CCR on a publicly accessible internet site wwwVBG.ORG/CCR	Mailed the CCR to postal patrons within the service area (attach XXX list of zip codes)
XXX Advertised availability of CCR in the news media (attach copy of announcement)	Published CCR in local newspaper (attach copy of newspaper announcement)
XXX Posted the CCR in public places (attach a list of locations)	Delivered multiple copies to single bill addresses serving several persons such as apartments and businesses
Delivered to community organizations (attach a list)	XXX Other City Zip Code 60089
Electronic announcement of CCR availability via social media outlets (attach list of social media outlets utilized)	
he Certification Form signature must re on file at the Agency, if you are no vater system, you do not have the auth	lent material statement, orally or in writing, to the Illinois EPA
the Certification Form signature must are on file at the Agency, if you are not trater system, you do not have the authorst person who knowingly makes a false, fictitious, or fraudule minits a Class 4 felony. A second or subsequent offense after a loavid Haisma (print name), hereby	i match one of the above contacts that of listed as the OC, AC, or DO for your hority to sign this document. Ilent material statement, orally or in writing, to the Illinois EPA conviction is a Class 3 felony. (415 ILCS 5/44(h)) by certify that our CCR was distributed following the requirements
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This Agency is authorized to require this information under 415 ILCS 5/17.5. Failure to disclose this information may result in a civil penalty of not to exceed \$50,000 for the violation and an additional civil penalty of not to exceed \$10,000 for each day during which the violation continues (415 ILCS 5/42). This has been approved by the Forms Management Center. IL532-2984 PWS 294 (3/2021)

Village of Buffalo Grove 2020 Water Quality Consumer Confidence Report

Published on July 1, 2021



Water National Primary Drinking Regulation Compliance

The Village of Buffalo Grove presents a summary of the quality of the water provided during the past year. The Safe Drinking Water Act (SDWA) requires the Village of Buffalo Grove, as a community water supplier, to issue this annual "Consumer Confidence" report to customers. This report details where water comes from, what it contains, and how it tests against the standards established by the Federal and State Environmental Protection Agencies.

We encourage public interest and participation in decisions affecting our water supply. The Board of Trustees meets on the **first and third** Mondays of the month, at 7:30 pm, in the Village Hall at 50 Raupp Blvd.

Staff is happy to answer questions about water quality. Contact Dave Haisma, Superintendent of Water Operations at 847-459-2545 between 7:00 am and 3:00 pm. **Visit our website to view the CCR at www.vbg.org/ccr.**

Water Source

All water delivered to the Village of Buffalo Grove by the Northwest Water Commission is surface water pumped from Lake Michigan. The City of Evanston is the sole supplier of finished, treated water to the Commission. The City of Evanston pumps and treats the lake water at their treatment plant. This plant provides conventional treatment (i.e. mixing, flocculation, sedimentation and filtration) of the raw water from the lake to provide a finished high-quality water product.

The Commission purchases the finished water at the Evanston water plant and then transports it through a 60-inch water transmission main to a 25 million gallon reservoir at the main pumping station. The Commission's main pumping station, in turn, pumps the finished water out into the Commission's distribution system to the Village of Buffalo Grove's four receiving reservoirs.

The chlorine level of the finished water is monitored at each of the four receiving stations and, if necessary, additional chlorine is added to protect against microbial contaminants before it is pumped into our distribution system.

Source Water Assessment

The Illinois EPA considers all surface water sources of community water supply to be susceptible to potential pollution problems. The very nature of surface water allows contaminants to migrate into the intakes with no protection, only dilution, which is the reason for mandatory treatment of all surface water supplies in Illinois. All three of Evanston's intakes are located far enough offshore that shoreline impacts are not considered a factor on water quality. However, at certain times of the year, the potential for contamination exists due to the proximity of the North Shore Channel and wet weather flows. In addition, the proximity to a major shipping lane adds to the susceptibility of these three intakes. Water supply officials from Evanston are active members of the West Shore Water Producers Association. Coordination regarding water quality situations (i.e., spills, tanker leaks, exotic species, etc.) is frequently discussed during the association's quarterly meetings. Lake Michigan, as well as all the great lakes, has many different organizations and associations that are currently working to either maintain or improve the water quality.

Since the Illinois lands bounding the Lake Michigan watershed are predominantly urban, a majority of the watershed protection activities reported in this document are aimed at this purpose.

Taste & Odor of the Water Supply

You may notice a taste or odor in the water during the late summer or early fall. This actually represents an improvement in the clarity of Lake Michigan water. The lake has become clearer, allowing the sun to reach greater depths and increasing the growth of algae. Certain types of algae emit 'Geosmin' and '2-MIB', harmless compounds which nonetheless impart a musty or earthy taste to the water. The City of Evanston Water Treatment Facility continues to address any taste and odor issues.

Required Health Information

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 Environmental Protection Agency's Safe Drinking Water Hotline (1-800-426-4791).

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 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 storm runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming.



Required Health Information (continued)

Pesticides and herbicides, which may come from a variety of sources such as agriculture, storm water runoff, and residential uses. Organic chemical contaminants, including synthetic and volatile organics, which are by-products of industrial processes and petroleum production, and can, also, come from gas stations, urban storm water runoff and septic systems.

Radioactive contaminants, which can occur naturally, or as the result of oil and gas production and mining activities.

In order to ensure that tap water is safe to drink, the EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. FDA regulations establish limits for contaminants in bottled water, which must provide the same protection for public health.

Some people may be more vulnerable to contaminants in drinking water than is 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 for infections. These people should seek advice about drinking water from their health care providers.

EPA/CDC guidelines on appropriate means to lessen the risk of infection by Cryptosporidium are available from the Safe Drinking Water Hotline (800-426-4791).

Explanation of the Water Quality Data Table

This report is based upon the results of water samples collected by the City of Evanston and the Village of Buffalo Grove. Water samples were analyzed by State Environmental Protection Agency Registered Laboratories based on regulatory sampling requirements for some contaminants. Terms used in the Water-Quality Table and in other parts of this report are defined below before each table.

Definitions: The following tables contain the following scientific terms and measures:

- Level 1 Assessment: A level 1 assessment is a study of the water system to identify potential problems and determine (if possible) why total coliform bacteria have been found in our water system.
- Level 2 Assessment: A level 2 assessment is a very detailed study of the water system to identify potential problems and determine (if possible) why an E. coli MCL violation has occurred and/or why total coliform bacteria have been found in our water system on multiple occasions.
- Maximum Contaminant Level (MCL): The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the Maximum Contaminant Level Goal 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.
- mg/l: milligrams per liter or parts per million or one ounce in 7,350 gallons of water.
- ug/l: micrograms per liter or parts per billion or one ounce in 7,350,000 gallons of water.
- n/a: not applicable.
- ppm: parts per million, or milligrams per liter (mg/l) one ounce in 7,350 Gallons of water.
- ppb: parts per billion, or micrograms per liter (μg/l) one ounce in 7,350,000 gallons of water.
- ppt: parts per trillion, or nanograms per liter
- ppq: parts per quadrillion, or picograms per liter
- pCi/l: picocuries per liter (a measure of radioactivity)
- Avg: Regulatory compliance with some MCLs are based on running annual averages of monthly samples
- Maximum Residual Disinfectant Level (MRDL): The highest level of a drinking water 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 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
 contaminants.
- mrem: Millirems per year (a measure of radiation absorbed by the body)
- MCL Statement: The maximum contaminant level (MCL) for TTHM and HAA is 80 ppb and 60 ppb Some people who drink water containing trihalomethanes in excess of the MCL over many years experience problems with their livers, kidneys, or central nervous systems, and may have increased risk of getting cancer.

Note: The state requires monitoring of certain contaminants less than once per year because the concentrations of these contaminants do not change frequently. Therefore, some of this data may be more than one year old. In most cases, the "Detected level" column represents an average of sample result data collected during the CCR calendar year. The "Range" column represents a range of individual sample results, from the lowest to the highest that were collected during the CCR calendar year. If a date appears in the "Date Tested" column, the Illinois EPA requires monitoring for this contaminant less than once per year because the concentrations do not frequently change. If no date appears in the column, monitoring for this contaminant was conducted during the CCR calendar year.

Identification of Sampler

The first column of this report identifies the agency responsible for the results of water samples collected:

- 1 = Sampled by the Village of Buffalo Grove.
- 2 = Sampled by the City of Evanston.

It also denotes the substance detected.



		Regulated Contaminants Detected in 2020										
Tested by	Substance	Date tested	Unit	Goal (MCL G)	Highest allowed (MCL)	Detected level	Range of Level Detected	Level Major sources				
		Lead & Copper										
1	Lead	2020	Ppb	0	Action Level 15 ug/l	90% 1.4	1 site over action plumbing systems; Eros of natural deposits		NO			
1	Copper	2020	Ppm	1.3	Action Level 1.3	90% .11	O sites over action level	Corrosion of household plumbing systems; Erosion of natural deposits; leaching from wood preservatives	NO			

Lead and Copper: Date Sampled: 09/2020, next test scheduled 2023

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. We are responsible for providing high quality drinking water, but we 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, is available from the Safe Drinking Water Hotline or at https://www.epa.gov/safewater/lead

Definitions:

- Action Level (AL): The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.
- Action Level Goal (ALG): The level of a contaminant in drinking water below which there is no known or expected risk to health. ALGs allow for a margin of safety.

			R	egulated	Contaminants De	etected	In 2020				
Coliform Bacteria Tested by	Conta	imum Iminant el Goal	Total Coliform Maximum Contaminant Level	Highest No. of positive	Maximum Contar				Likely So Contami		Violation ?
1		0	IF 5% of monthly samples are positive	1.9	MCL: If A routine s and a repeat sam total coliform posit one is also fecal c	Fecal Coliform or E.Coli MCL: If A routine sample and a repeat sample are total coliform positive and one is also fecal coliform or E. coli positive			Naturally present in the environment		NO
				A	Additional informat	ion abo	out your w	/ater			
2			Ph	2007	рН	pH 7		7.6	Average		ange 14 pH
2 Hardness 2019 Mg/la		Mg/I as CaCO3		imum 70	130	Average	1	ange n/a			

		Disi	nfectant	s & Disir	nfectlo	n By-l	Produ	cts S	tate	Regul	ated		
Tested by	Substance	Da tes	linit	Goal (MCL)	all	ghest lowed VICL)	Dete lev		Le	ge of vel ected	Likely Source of Contamination	Violation?	
1	TTHMs [Tota Trihalo methanes]	al 20:	20 Ppb	n/a		80	4:	1 – drinking w		By - product of drinking water disinfection.	NO		
1	Total Haloact Acids (HAA5	1 '2()'	20 Ppb	n/a		60	17	7	11. - 23	.79 - 3.6	By - product of drinking water disinfection.	NO	
1	Chlorine	202	20 Ppm	MRDLG 4	= MF	RDL = 4	1		.8 - 1.0	-	Water additive used to control microbes.	NO	
		Bu	ffalo Gro	ve Back	cup We	II Site	s, Sta	te R	egula	ated C	ontaminants		
Tested by		Inorganic Contaminants											
1	Barium	2018	Ppm	2		2	.06	64		037 - 064	Discharge of drillir Discharge from refineries; Erosion	metal	
1	Fluoride	2018	Ppm	4		4	1.1	L5		03 - 15	Erosion of natural Water additive whic strong teeth; Disch fertilizer and alu factories	h promotes arge from iminum	
1	Iron	2018	Ppm	n/a		1	.5	8	.40	70	Erosion of natural	Erosion of natural deposits	
1	Manganese	2018	Ppb	150	1	.50	9.	7	7.70	- 9.70	Erosion of natural	deposits	
1	Selenium	2018	Ppm	50	į	50	2.2	20	00 -	- 2.20	Discharge from petr metal refineries; E natural deposits; I from mine	rosion of Discharge	
1	Sodium	2018	Ppm	n/a	r	ı/a	23	3	19	- 23	Erosion of natural deposits: Used in softener regene	n water	
1	Zinc	2018	Ppm	5		5	.01	4	00 —	.014	Natural occurring of from metal factors		
	E	Buffalo	Grove B	ackup W	/ell Sit	es, V	olatile	Org	anlc	Conta	minants		
Tested by	Substance	Date Teste	Unit	Goal (MCLG)	Highes allowe (MCL)	d Det	ected evel	Le	ge of vel ected		ikely Source of Contamination	Violation ?	
1	Ethylbenzene	2015	5 ppb	700	700	0	.54	0-	0.54	Disch	arge from petroleum refineries.	No	
1	Xylenes	2015	5 ppm	10	10	0.	001		_ 011	facto	arge from petroleum ries; Discharge from emical factories.	No	

		Buffal	o Grov	e Backu	p Well Si	ites,	State	Re	gulate	d Co	ontaminants	
		_		Ra	dioactive	e Co	ntam	Inan	ts			
Tested by	Substance	Date tested	Unit	Goal (MCLG)	Highest allowed (MCL)		tected evel	L	nge of .evel tected		Likely Source of Contamination	Violation ?
1	Combined Radium 226/228	2019	pCi/L	0	5	12	2.83		6.26 12.83	Erosion of natural deposits Results over the MCL are allowed by the EPA because this is a back up water supply		NO
1	Gross alpha excluding radon and uranium	2019	pCi/I	0	15	:	25		14.6 F - 25 allov		Erosion of natural deposits Results over the MCL are wed by the EPA because this is a back up water supply	NO
1	Uranium	2013	Ug/L	0	0 30 .29949 .27863 — Eros		30 29949		Fracion of natural dance		osion of natural deposits	NO
			In	organic	Contami	nan	ts Sta	ite R	egula	ted		
Tested by	Substance	Date tested	Unit	Goal (MCL)	211014	ved	Dete lev		Range of Level Contamination			Violation?
2	Sodium	2020	Ppm	n/a	n/a	а	8	1	8-	8	Runoff and natural erosion Used in water softener regeneration	NO
2	Fluoride	2020	Ppm	4	4		.7	,	.7 –	.7 Fluoride is added t promote dental heal		NO
2	Nitrate (measured as Nitrogen)	2020	Ppm	10	10		.4		.4 – .4		Runoff from fertilizer use; Leaching from Nitrogen; septic tanks, sewage; Erosion of natural deposits. Discharge of drilling wastes	NO
2	Barium	2020	Ppm	2	2		.02	2	.02 —	.02	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits	NO

		Radioactive Contaminants State Regulated									
Tested by	Substance	Date tested	Unit was stated it ange of		Violation ?						
2	Gross alpha excluding radon and uranium	2020	pCi/ L	0	15	.72	.72 – .72	Erosion of natural deposits	NO		
2	Combined Radium 226/228	2020	pCi/ L	0	5	1.02	1.02 — 1.02	Erosion of natural deposits	NO		
2	Radium 226	2019		n/a	n/a	.80	.80 +38	Erosion of natural deposits	NO		
2	Radium 228	2019		n/a	n/a	.65	.19 +65	Erosion of natural deposits	NO		

Turbidity:

Regulated at the Water Treatment Plant - Information Statement: Turbidity is a measurement of the cloudiness of the water caused by suspended particles. We monitor it because it is a good indicator of water quality and the effectiveness of our filtration system and disinfectants.

		Turbidity									
Tested by	Sted by Date Limit (Treatment Technique)		Level Detected	Likely Source of contamination	Violation?						
2	Highest single measurement	2018	1	NTU	.18 NTU	Soil runoff	NO				
2	2 Lowest monthly % meeting limit 2018 .3 NTU		100 %	Soil runoff	NO						

Not all Regulated Contaminant sample results may have been used for calculating the highest level detected because some results may be part of an evaluation to determine where compliance should occur in the future.

There is not a state or federal MCL for sodium. Monitoring is required to provide information to consumers and health officials that are concerned about sodium intake due to dietary precautions. If you are on a sodium - restricted diet, you should consult a physician about this level of sodium in the water.

Treatment Technique or TT: A required process intended to reduce the level of a contaminant in drinking water

Abbreviations: NTU = Nephelometric Turbidity Units used to measure cloudiness in drinking water

Total Organic Carbon: The percentage of Total Organic Carbon (TOC) removal was measured each month and the system met all TOC removal requirements set by IEPA.

UCMR4: What is the Unregulated Contaminant Monitoring Rule? The U.S. Environmental Protection Agency (EPA) issue a new list of no more than 30 unregulated contaminants to be monitored by public water systems (PWSs) this year. The (MCL's) haven't been established yet by either state or federal E.P.A.

The purpose of UCMR monitoring is to assist in determining if future regulations is warranted.

Tested By	Substance	Date Tested	Units	Level Found	Range of Level Detected	Violation?
2	Manganese	2020	Ug/I	.421	.400	No
1	Manganese Site PS 1 & SP 2	2020	Ug/I	.454827	.400	No
1	Manganese Site PS 6 & SP 7	2020	Ug/I	.579 - 2.09	.400	No
1	HAA9 Site Rt 22 & Dundee Rd.	2020	Ug/I	.807 - 6.58	.2 -2.0	No

HAA9: includes Bromochloroacetic acid, bromodichloroacetic acid, chlorodibromoacetic acid, dibromoacetic acid, dichloroacetic, monobromoacetic, monochloroacetic, tribromoacetic and trichloroacetic acids,





Village of Buffalo Grove 50 Raupp Boulevard Buffalo Grove, IL 60089 PSRTD SRD

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Village of Buffalo Grove 2020 Water Quality Consumer Confidence Report

NO VIOLATIONS WERE RECORDED FOR OUR WATER SUPPLY DURING THIS CCR REPORTING PERIOD.

Violation Summary Table Violation Types

- MNR: Monitoring Violation (failure to monitor)
- MCL: Maximum Containment Level Violation (level found exceeded regulated standard)
- TTV: Treatment Technique Violation (level found exceeded regulated standard)
- RPV: Reporting Violation (failure to submit results/required report by the deadline)



FIRST RESPONDER



American Water Works Association
IllinoisSection



VILLAGE OF BUFFALO GROVE



Contact Dane Bragg, Village Manager

FOR IMMEDIATE RELEASE

Telephone 847-459-2525

July 2, 2021

Website www.vbg.org

BUFFALO GROVE RELEASES 2020 WATER REPORT

Water in the Village meets or exceeds government standards.

Buffalo Grove, **Illinois** –The quality of water in Buffalo Grove once again meets or exceeds Federal and State government standards, according to the annual Village of Buffalo Grove Water Quality Report released on July 1, 2021.

The Water Quality Report is prepared and distributed annually by all community water systems to their customers as mandated per amendments to the Safe Water Drinking Act.

The report is available on the Village website at www.vbg.org/ccr.

This reporting cycle is required to reflect the levels detected of contaminants that were sampled and tested during the 2020 period.

Media Send Out on Friday, July 2, 2021:

ABC 7 Chicago

CBS 2 Chicago

NBC 5 Chicago

Daily Herald

Journal and Topics

Chicago Tribune

Sun Times

Buffalo Grove Patch

Lake Cook Journal

North Cook News

Newsradio 780 WBBM

Chicago Public Radio

Fox Chicago

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David K Haisma

From:

Benjamin M Kruse

Sent:

Tuesday, June 29, 2021 8:23 AM

To: Cc:

David K Haisma

Subject:

Eric Hansen ccr reports

Dave,

Here is the list of addresses we have to hand deliver the ccr to. Did we get copies yet in the building so we can have someone run them out Before July?

147,145,141,139,137,126,128,132,134,138,140,142,146,148,150 N Easton ave. 132,1812-800 Milwaukee ave. (pot bellies)
1000 Milwaukee ave. (golf course)

Ben Kruse | Water Department Manger Village of Buffalo Grove

847-459-2545

Certified Class "C" water operator



David K Haisma

From:

Monika Kazmierski

Sent:

Friday, July 2, 2021 2:09 PM

To:

Evan C. Michel

Cc:

David K Haisma

Subject:

Website Updates

Evan,

Please see Dave's request below in regards to the 2020 Consumer Confidence Report:

Can you please update the village website links? This address needs to open the new attached 2020 CCR without any other searching.

www.vbg.org/ccr

Thank you,

Monika Kazmierski PW Management Analyst

VILLAGE OF BUFFALO GROVE

51 Raupp Blvd, Buffalo Grove IL 60089 PH: 847.459.2545 <u>mkazmierski@vbg.org</u>