



BANKSON ENGINEERS, INC.

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LETTER OF TRANSMITTAL

TO: Ms. Nicole Harris, Secretary
Aleppo Township Authority
100 North Drive, Suite 2
Sewickley, PA 15143

DATE:	June 18, 2021
SUBJECT: Aleppo Township Authority 2021 Consumer Confidence Report for Operating Year 2020	

WE ARE SENDING YOU Attached Under separate cover via _____ THE FOLLOWING ITEMS:

- Shop Drawings Prints Plans Payroll Reports Specifications
- Copy of Letter Change Order Contract Documents CD

COPIES	DATE	NO.	DESCRIPTION
1			Consumer Confidence Report For Operating Year 2020 (Original Copy) - See note below
1			Consumer Confidence Report Certification Form

THESE ARE TRANSMITTED as checked below:

- For approval No exceptions taken Revise and resubmit _____ copies
- For your use Make corrections as noted Submit specified item
- As requested Rejected Submit _____ copies for distribution
- For review and comment
- FOR BIDS DUE _____

REMARKS:

Attached is the original copy of the Consumer Confidence Report. The final version of the report will consist of a double-sided page. Be advised that you must distribute this to the customers by July 1, 2021 and certify to the State how the report was distributed to the customers by October 1, 2021 on the attached certification form. If you have any questions, please let me know. Thank you.

COPY TO:

Zachary S. Shoff - w/enc. - Report only

SIGNED: _____

Daniel R. Fischman
dfischman@banksonengineers.com

**ALEPPO TOWNSHIP AUTHORITY
CONSUMER CONFIDENCE REPORT FOR OPERATING YEAR 2020**

Este informe contiene informacion muy importante sobre su agua de beber. Traduzcalo o hable con alguien que lo entienda bien. (This report contains very important information about your drinking water. Translate it or speak to someone who understands it.)

The Aleppo Township Authority (PWS ID# 5020070) is pleased to present to you this year's Consumer Confidence Report. This Report is designed to inform you about the water quality and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water.

The Aleppo Township Authority is pleased to report that our drinking water meets all Federal and State requirements.

If you have any questions about this report or your water utility, please contact us at:

**Mr. Timothy Merrill, Chairman
Aleppo Township Authority
100 North Drive, Suite 2, Sewickley, PA 15143
Phone: 412-741-7755**

The Authority wants its customers to be informed about their water utility. If you want to learn more, please attend any of our regularly-scheduled meetings. They are held on the fourth Thursday of each month at 6:30 p.m. at the Aleppo Township Building.

Our water is purchased from West View Water Authority, which withdraws its raw water from the Ohio River and occasionally from 13 wells located on Davis and Neville Islands in the Ohio River. The Authority also uses the Borough of Sewickley Water Authority as an emergency water source. The Borough of Sewickley Water Authority obtains its raw water from three sources: a crib intake which withdraws groundwater from under the Ohio River, and Well #1 and Well #2 which are both located near Ohio River Boulevard.

The Aleppo Township Authority and its water suppliers routinely monitor for constituents in your drinking water according to Federal and State laws. This report shows the results of the monitoring for the period of January 1 to December 31, 2020. As you can see by the data table, our system had no violations for water quality. However, the Authority did receive violations for the late submission of results for chlorine in January and March. These occurrences did not pose a health risk. We are reviewing our procedures to ensure that these documents will be submitted in a timely manner in the future.

Some people may be more vulnerable to contaminants 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 about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are

available from the Safe Drinking Water Hotline at 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, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or human activity.

Contaminants that may be present in source water before it is treated 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 stormwater runoff, industrial or domestic wastewater discharges, oil and gas production, mining or farming.
- ◆ Pesticides and herbicides, which may come from a variety of sources such as agriculture and residential areas.
- ◆ Radioactive contaminants, which are naturally occurring.
- ◆ Organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff, and septic systems.

In order to ensure that tap water is safe to drink, EPA prescribes regulations which limit the amounts of certain contaminants in water provided by public water systems. Our water suppliers treat their water according to EPA's regulations. U.S. Food and Drug Administration regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

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 the 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 at 1-800-426-4791.

Information About 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 Authority 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>.

Additional information on following page

WATER QUALITY DATA

The table below lists all the drinking water contaminants that were detected in our water during the 2020 calendar year. The presence of these contaminants in the water does not necessarily indicate that the water poses a health risk. The State allows our water supplier to monitor for some contaminants less than once per year because the concentrations of these contaminants do not change frequently. Some of these data, though representative, are more than one year old.

Terms and abbreviations used below:

- ◆ **Aleppo Township Authority – ATA**
- ◆ **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.
- ◆ **Parts per billion (ppb) or Micrograms per liter (µg/l)** – One part per billion corresponds to one minute in 2,000 years or a single penny in \$10,000,000.
- ◆ **Picocuries per liter (pCi/L)** – Picocuries per liter is a measure of the radioactivity in water.
- ◆ **Action Level (AL)** – The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.
- ◆ **Maximum Contaminant Level (MCL)** – 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 (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.
- ◆ **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 benefit of the use of disinfectants to control microbial contamination.
- ◆ **West View Water Authority – WVWA**
- ◆ **Not Applicable (N/A)**

	MCL	MCLG	Highest Detected	Range of Detection	Sample Date	Violation	Typical Source of Contaminant	
Microbiological Contaminants – WVWA Only								
Turbidity (NTU)	TT=1 NTU single measurement		0.070		2/2020	No	Soil runoff	
	Tt=95% of monthly samples <0.3 NTU		100%					
Inorganic Contaminants – WVWA Only								
Nitrate (ppm)	10	10	<1.4	N/A	1/13/20	No	Runoff from fertilizer use; leaching from septic tanks; sewage; erosion of natural deposits. Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories. Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits. Discharge from steel/metal factories; discharge from plastic factories.	
Nitrite (ppm)	1	1	<0.005	N/A	1/13/20	No		
Fluoride (ppm)	2	2	0.557	N/A	1/06/20	No		
Barium (ppm)	1	1	0.030	N/A	1/06/20	No		
Cyanide (Free) (ppb)	200	200	72	N/A	1/14/19	No		
Disinfection Byproducts, Byproduct Precursors and Disinfectant Residuals (ATA unless noted)			Highest Annual Average (2020)		Range of Detection	Violation	Typical Source of Contaminant	
Haloacetic Acids (ppb)	60	N/A	11.7		7.92-16.3	No	By-product of drinking water chlorination	
Total Trihalomethanes (ppb)	80	N/A	53.9		14.6-70.0	No	By-product of drinking water chlorination	
Total Organic Carbon (ppm) – Data from WVWA only	TT = 25-35% Removal		Quarters out of Compliance = 0		52-71% Removal Achieved	No	Naturally present in the environment	
Disinfectants (ATA)	MRDL	MRDLG	Highest Monthly Average		Range of Monthly Averages	Sample Date	Violation	Typical Source of Contaminant
Chlorine (ppm)	4	4	1.50		0.83-1.50	2020	No	Water additive used to control microbes
Copper & Lead (ATA)	AL	MCLG	ATA 90th Percentile Level	Number of sites found above the AL		Sample Date	Violation	Typical Source of Contaminant
Copper (ppm)	1.3	1.3	0.086	0 out of 10 sites		2019	No	Corrosion of household plumbing systems; Erosion of natural deposits
Lead (ppb)	15	0	3.28	0 out of 10 sites		2019	No	



Consumer Confidence Report (CCR) Certification Form

Name of CWS: _____ PWSID Number: _____

The community water system (CWS) named above confirms that its CCR for the period of January 1, _____ through December 31, _____ has been distributed to customers (and appropriate notices of availability have been given). The system also confirms that the information in the CCR is correct and consistent with the compliance monitoring data previously submitted to the Pennsylvania Department of Environmental Protection (DEP).

Please check all items that apply to your CCR delivery.

- CCR was hand-delivered to customers. Date delivered: _____
- CCR was distributed by mail. Date mailed: _____
- CCR was distributed by other direct delivery method(s). (check all that apply):
 - Mail notification that CCR is available on website via a direct uniform resource locator (URL)*
Direct URL address: www. _____ Date mailed: _____
 - E-mail – direct URL to CCR*
 - E-mail – CCR sent as an attachment to the e-mail*
 - E-mail – CCR sent embedded in the e-mail*

Date(s) email sent: _____

* If the CCR was provided electronically, attach a description of how a customer requests a paper copy.

- "Good faith" efforts were used to reach non-bill paying consumers:
 - posting the CCR on the Internet at www. _____
 - mailing the CCR to postal patrons within the service area (attach a list of zip codes used)
 - advertising the availability of the CCR in news media (attach copy of announcement)
 - publication of CCR in local newspaper (attach copy of newspaper announcement)
 - posting the CCR in public places (attach a list of locations)
 - delivery of multiple copies to single bill addresses serving several persons
 - delivery to community organizations (attach a list)
 - electronic newsletter or listserv (attach a copy of the article or notice)
 - electronic announcement of CCR availability via social media outlets (attach list of outlets utilized)
- The CCR was posted on a publicly-accessible Internet site because this system serves 100,000 or more.
Internet site address: www. _____
- Delivered CCR to other agencies as required by the state/primacy agency (attach a list)
- A copy of the CCR and a completed CCR Certification Form have been sent to the DEP district office (or the Allegheny County Health Department) that provides oversight and support of this water system. (See back of form for addresses.)

Certified by: Signature: _____ Print Name: _____
Title: _____ Phone: _____ Date: _____

For DEP use only. Checked by: _____ **Date:** _____

**Safe Drinking Water Program Regional Office and County Health Department Contact Information
for CCR and CCR Certification Form Submissions**

- The completed form is to be addressed to: PA DEP - Safe Drinking Water and sent to the address of the appropriate district office or county health department (CHD) having jurisdiction over the water system.
- District and CHD addresses by county can be found within DEP document number 3930-FM-BSDW0560. This document can be located by searching under "forms" for document number 3930-FM-BSDW0560 on eLibrary at the following link: <http://www.depgreenport.state.pa.us/eLibrary/GetFolder?FolderID=3195>.