

ATTACHMENT 7

Consumer Confidence Report
Certification Form
(to be submitted with a copy of the CCR)

(to certify electronic delivery of the CCR, use the certification form on the State Board's website at http://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/CCR.shtml)

Water System Name: Carnelian Woods

Water System Number: 3110023

The water system named above hereby certifies that its Consumer Confidence Report was distributed on 6/30/2021 (date) to customers (and appropriate notices of availability have been given). Further, the system certifies that the information contained in the report is correct and consistent with the compliance monitoring data previously submitted to the State Water Resources Control Board, Division of Drinking Water.

Certified by: Name: Michael D. Warren
Signature: M.D.W.
Title: Lead Water Quality Control Tech
Phone Number: 530) 546-4212 Date: 6/30/2021

To summarize report delivery used and good-faith efforts taken, please complete the below by checking all items that apply and fill-in where appropriate:

☒ CCR was distributed by mail or other direct delivery methods. Specify other direct delivery methods used: Post cards to postal patrons & customers.

☒ "Good faith" efforts were used to reach non-bill paying consumers. Those efforts included the following methods:

☒ Posting the CCR on the Internet at www.ntpud.org

☒ Mailing the CCR to postal patrons within the service area (attach zip codes used)

☒ Advertising the availability of the CCR in news media (attach copy of press release)

☐ Publication of the CCR in a local newspaper of general circulation (attach a copy of the published notice, including name of newspaper and date published)

☒ Posted the CCR in public places (attach a list of locations)

☒ Delivery of multiple copies of CCR to single-billed addresses serving several persons, such as apartments, businesses, and schools

☐ Delivery to community organizations (attach a list of organizations)

☐ Other (attach a list of other methods used)

☐ For systems serving at least 100,000 persons: Posted CCR on a publicly-accessible internet site at the following address: www.

☐ For privately-owned utilities: Delivered the CCR to the California Public Utilities Commission

This form is provided as a convenience and may be used to meet the certification requirement of section 64483(c), California Code of Regulations.

**POSTING OF 2020 CCR IN PUBLIC PLACES,
BUSSINESSES, APARTMENTS/CONDOS,
SCHOOLS AND COMMUNITY ORGANIZATIONS.**

N. Tahoe PUD

Tahoe Vista Post Office

Carnelian Bay Post Office

Kings Beach post office

Placer County Public Health & Services

Placer County Medical & Dental

Boys & Girls Club

N. Tahoe Community Event Center

Kings Beach Elementary School

N. Shore Hardware Store

Brockway Springs Condos

Chinquapin

Java Hut Coffee Shop



NORTH TAHOE PUBLIC UTILITY DISTRICT ANNUAL WATER QUALITY CONSUMER CONFIDENCE REPORT FOR 2020

To Our Customers: This report contains important information about your drinking water.

Este informe contiene información muy importante sobre la calidad de su agua potable. Por favor lea este informe o comuníquese con alguien que pueda traducir la información.

Where does my water come from?

The North Tahoe Public Utility District services nearly 3,971 connections. These connections include single-family dwellings and business establishments, as well as separate irrigation and fire systems. The District operates three separate and independent water systems: Dollar Cove, Carnelian Bay, and the Tahoe Main system, comprised of Tahoe Vista, Kings Beach, and Brockway to the Nevada State Line. Dollar Cove is currently being supplied through the Tahoe City Public Utility District's Tahoe City system, by agreement of a joint well drilling project of the two Districts that is comprised of five separate wells (groundwater sources). Carnelian Bay draws its water from a single well (groundwater source). The Tahoe Main water system draws water from Lake Tahoe (surface water source) through an intake at the end of National Avenue in Tahoe Vista, as well as a single well (groundwater source) located in the North Tahoe Regional Park at the top of Donner Road. These combined sources supplied just under 381 million gallons of water to our customers in 2020.

How can I keep our drinking water safe and clean?

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 **USEPA's Safe Drinking Water Hotline (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 in the environment it dissolves naturally occurring minerals, pick up substances from the presence of animals or human activity, and even radioactive material, in some cases. **Microbial contaminants**, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife; **Inorganic contaminants**, such as salts and metals, that 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, urban stormwater runoff, and residential uses; **Organic chemical contaminants**, including synthetic and **Volatile Organic chemicals**, that are byproducts of industrial process and petroleum production, and can also come from gas stations, urban stormwater runoff, and septic systems; **Radioactive contaminants**, which can be naturally-occurring or be the result of oil and gas production and mining activities. To ensure that tap water is safe to drink, the Environmental Protection Agency (EPA) and California Department of Public Health, Division of Drinking Water and Environmental Management (Department), prescribe regulations that limit the amount of certain contaminants in water provided by public water systems. We treat our water according to their regulations. Food and Drug Administration (FDA) regulations establish limits for contaminants in bottled water that must provide the same protection for public health.

Why are there contaminants in my drinking water?

The drinking water that the District treats and provides for its customers comes from wells as well as the open water of Lake Tahoe. Many people don't see the link between the water you drink and the items that are put into the sewer system, but when people dispose of their waste incorrectly, it threatens the safety of our drinking water as well.

In the Tahoe basin, our storm drain system does not put runoff into the sewer system like so many other communities in this country. Most of the storm drains drain directly into the Lake! In addition to protecting our sewers, it is also extremely important that under no circumstances may substances be put directly into the storm drain.

Most liquid and automotive waste (oil, old gasoline) can be disposed of during one of the hazardous waste disposal days provided by Placer County and Tahoe Truckee Sierra Disposal at the Eastern Regional Landfill on Cabin Creek Road off Highway 89.

Water Quality Data

These system tables list all the drinking water contaminants that were tested for during the 2020 calendar year. The presence of these contaminants in the water does not necessarily indicate that the water poses a health risk. Unless otherwise noted, the data presented in this table is from testing done January 1—December 31, 2020. The EPA or the State requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not change frequently. See the last page for Terms and Abbreviations used in the report. This full report is available on our website at ntpud.org/ccr

Do I need to take special precautions?

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/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by *Cryptosporidium* and other microbial contaminants are available from the **Safe Drinking Water Hotline (800-426-4791)**.

Source water assessment and its availability

Our most recent watershed sanitary survey (Lake Tahoe) update was done in 2018. Although the North Tahoe Basin sewage flows to Truckee and is treated, domestic sewage and wastewater disposal and collection are potentially contaminating activities (PCA) of key concern. Summer recreation on the lake is another PCA of key concern. The District does not have direct regulatory control or enforcement over the Lake Tahoe watershed; we rely on the regulatory powers of the Tahoe Regional Planning Agency (TRPA) and the Lahontan Regional Water Quality Control Board (RWQCB).

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 North Tahoe Public Utility District 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 running your tap for 30 seconds to 2 minutes before using water for drinking or cooking. Capture and use this water for household or garden plants. 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>

Radon

Radon is a radioactive gas that you cannot see, taste or smell. It is found throughout the U.S. Radon can move up through the ground and into a home through cracks and holes in the foundation. Radon can build up to high levels in all types of homes. Radon can also get into indoor air when released from tap water from showering, washing dishes and other household activities. Compared to radon entering the home through soil, radon entering the home through tap water on most cases would be a small source of radon in indoor air. Radon is a known human carcinogen. Breathing air containing radon can cause cancer. Drinking water containing radon may also cause an increased risk of stomach cancer. If you are concerned about radon in your home, test the air in your home. Testing is inexpensive and easy. You should pursue radon removal for your home if the level of radon in your air is four (4) picocuries per liter of air (pCi/L) or higher. There are simple ways to fix a radon problem that are not too costly. For additional information, call your State radon program (1-800-745-7236), the USEPA Safe Drinking Water Hotline (1-800-426-4791), or the National Safety Council on Radon Hotline (1-800-767-7236).

Water Conservation – A California Way of Life

In April 2017 the State of California placed permanent restrictions on wasteful water practices. The following wasteful water practices are now permanently prohibited:

- Hosing off sidewalks, driveways and other hardscapes
- Washing automobiles with hoses not equipped with a shut-off nozzle
- Using non-recirculated water in a fountain or other decorative water feature
- Watering lawns in a manner that causes runoff
- Watering within 48 hours after measurable precipitation
- Irrigating ornamental turf on public street medians

20% by 2020

The 20% by 2020 state mandate is that all water purveyors reduce their per capita water use by 20% from the average usage of our customers over 10 years in the early 2000's. For most recent info go to : <http://ntpud.org/water-regulations>

District Water Conservation Regulations

- As of May 13, 2020 the District's Stage 2 water conservation measures will remain in effect. Visit <http://ntpud.org/water-regulations>

CURRENT Mandatory Reduction Measures (Stage 2)

- Outdoor irrigation schedule
 - EVEN addresses: Monday, Wednesday, Friday
 - ODD addresses: Sunday, Tuesday, Thursday
 - NO watering on Saturday
- Water may not be applied to hard surfaces (i.e. asphalt driveways), except for pavement resurfacing/sealing or public health/safety reasons
- Visitor accommodations may only wash linens upon request. A placard or notice shall be placed in each guest room.
- All public entities, hotels, motels, restaurants, and other visitor-serving facilities shall prominently display informational materials, placards, or decals provided by the District

CONTINUED Reduction Measures (Stage 1)

- Leaks must be repaired when found or within 10 days of District notification of leak. Note: The District will notify property owners following water meter reads if there is an unusually high reading.
- Irrigation, runoff, or flooding onto hard surfaces or any non-irrigated areas is prohibited
- Automatic shut off valves or nozzles are required on all hoses. Note: Free hose nozzles available at the District office.
- Irrigation must be winterized by Nov. 1 of every year
- Landscaping may not be irrigated:
 - Between the hours of 9am – 6pm
 - During, or within 48 hours after, measurable precipitation
 - When the air temperature is less than 40 degrees Fahrenheit

The District always operates at a Stage 1 level, which includes basic good practices and helps prevent waste. The Stage 2 regulations include conservation measures and use requirements to help the District meet the 20 percent reduction goal. [View the full list of regulations for each stage.](#) [Learn more about water conservation methods.](#)

For More Information

To obtain specific water quality or watershed data contact Michael Warren, Lead Water Quality Control Technician at (530) 546-4212 ext. 5452, or mwarren@ntpud.org. Visit www.ntpud.org to find more information.

Our Board of Directors meets on the second Tuesday of each month at the North Tahoe Event Center. We encourage participation in these meetings. For meeting times and agendas please visit our website <http://ntpud.org> or call the District office at (530) 546-4212.

NORTH TAHOE PUBLIC UTILITY DISTRICT
ANNUAL WATER QUALITY
CONSUMER CONFIDENCE REPORT FOR 2020

Detected Compounds				The State allows us to monitor contaminants less than once per year because the concentrations of these contaminants do not change frequently. Some of our data, though representative, are more than one year old. If a substance or contaminant is not listed, it is either not detected limit or not required to sampled.																		
Identify your system >				Tahoe Main System #33110001			System Groundwater Park		Carnelian Woods System #3110023		Dollar Cove System #3110036		Tahoe City PUD water supply to NTPUD consists of Highlands Well #1 #2, T.C. Well #2 #3, Tahoe Tavern Well									
Contaminant (UNITS)	Sample Year	MCL	PHG (MCLG)	Lake Tahoe	Nat'l Ave	Well	Park Well	Tahoe City PUD						Violation		Major Source in Drinking Water						
Primary Standards	Year																					
Arsenic (ppb)	2016	10	0.004	ND		NR	NR	2014 (2020) (4.1) (2.3) ND/(ND)/(ND)						NO	Erosion of natural deposits							
Nickel (ppb)	2016	100	10	ND		ND	ND	(2014)20/20/20/21/20						NO	Erosion of natural deposits							
Microbiological Monitoring																						
Total Coliforms (I / A / P)	2020	1	(0)	156T / 156A / 0P			29T / 24A / 5P*		159T / 159A / 0P						YES	Naturally Present in the enviroment						
E-Coli (I / A / P)	2020	1	(0)	156T / 156A / 0P			29T / 29A / 0P		159T / 159A / 0P						NO	Human and Animal Fecal Waste						
Radioactive																						
Radon 222 (pCi/L)	2003	N/A	N/A	NR		NR	NR	547/1190/NS/1230/1120						N/A	Erosion of natural deposits							
Radium 228 (pCi/L)	2020	5	0.019	ND/0.000		ND	ND	NR						NO	Erosion of natural deposits							
Gross Alpha (pCi/L)	2017	15	(0)	2.32		NR	NR	NR						NO	Erosion of natural deposits							
Inorganic																						
Nitrate - As N (ppm)	2020	1(AS-N)	1(AS-N)	ND		ND	ND	NR						NO	Runoff & leaching from fertilizers, septic tanks, sewage							
Nitrite _ As NO3 (ppm)	2019	45 (NO3)	45 (NO3)	ND		ND	ND	NR						NO	Runoff & leaching from fertilizers, septic tanks, sewage							
Perchlorate (ppb)	2019	0.006	6	ND		ND	ND	NR						NO	Production of matches, flares, explosives, pyrotechnics							
Aluminum (ug/L)	2016	1000	600	ND		ND	ND	NR						NO	Erosion of natural deposits							
Antimony	2016	6	1											NO	Discharge from petroleum refineries, fire retardants							
Barium (ug/L)	2016	1000	(2) mg/L	17.6		44.2	22.6	NR						NO	Oil drilling wastes, Erosion of natural deposits							
Beryllium	2016	4	N/A	ND		ND	ND	NR						NO	Discharge from metal refineries, coal burning factories							
Cadmium	2016	5	N/A	ND		ND	ND	NR						NO	Interanal corrosion of galvanized pipes, runoff							
Chromium (ug/L)	2016	50	(100)	ND		NR	ND	NR						NO	Discharge from steel & pulp mills, chrome plating							
Fluoride (F) Natural Source	2016	2	N/A	ND		ND	ND	NR						NO	Erosion of natural deposits							
Mercury	2016	2	N/A	ND		ND	ND	NR						NO	Erosion of natural deposits, discharge from refineries							
Selenium	2016	50	5	ND		ND	ND	NR						NO	Discharge from petroleum, glass & metal refineries							
Thallium	2016	2	1	ND		ND	ND	NR						NO	Leaching from ore processing, discharge from glass							
Disinfection By-Products																						
Chlorine (ppm)	2020		[MRDL=4.0(as Cl2)]	0.31-1.26 Annual RAA = 0.81			NR		Range 0.00 - 0.47 RAA = 0.35						NO	Drinking water disinfectant added for treatment						
Disinfection By-Products				Tahoe Main System #311001			Site #1 / #2 Annual		Site #3 Every Three Years													
Total Trihalomethanes (ppm)	2020	0.080	1000	3.9/16			NR		(2020) ND						NO	By products of drinking water disinfection						
Halooacetic Acids (ppm)	2020	0.060	1000	1.9/6.5			NR		(2020) ND						NO	By products of drinking water disinfection						
Aesthetic Standards Established by the State of California,Department of Health Services																						
Clarity & Taste									2017													
Turbidity (NTU) - Raw Source	2020	TT/5 95%	NS	AVG. .102 - .355			NR		NR						NO	Soil runoff (erosion)						
Bicarbonate as HCO3 (ppm)	2016	None/ppm	N/A	50.3			124		126						NO	Erosion of natural deposits						
Calcium (ppm)	2016	N/A	N/A	1.8			16.1		17.1						NO	Erosion of natural deposits						
Carbonates CO3 (ppm)	2016	N/A	N/A	ND			ND		ND						NO	Erosion of natural deposits						
Chloride (ppm)	2016	500	N/A	1.8			0.6		0.4						NO	Erosion of natural deposits						
Color	2016	15 Units	N/A	NR			ND		3						NO	Erosion of natural deposits						
Ordor (TON)	2016	1	3	N/A			ND		ND						NO	Naturally-occurring organic materials						
Copper (ug/L)	2019	1000	160	ND			ND		ND						NO	Erosion of natural deposits						
Foaming Agents (MBAS)	2016	0.5	N/A	ND			ND		ND						NO	Erosion of natural deposits						
Hydroxide as OH	2016	N/A	N/A	ND			ND		ND						NO	Erosion of natural deposits						
Iron (ppb)	2016	300	N/A	ND			ND		ND						NO	Erosion of natural deposits						
Magnesium (ppm)	2016	N/A	N/A	2.6			6.0		8.6						NO	Erosion of natural deposits						
Manganese (ppm)	2016	50	N/A	ND			ND		ND						NO	Erosion of natural deposits						
Methyl-tert-butyl-ether (ppm)	2007	0.0005	5ug/L	ND			ND		ND						NO	Leaking underground fuel tanks						
PH - Disired range:	2016	6.5-8.5	N/A	8.2			8.2		7.7						NO	Erosion of natural deposits, Some water treatment						
Silver	2016	100	N/A	Silver			ND		ND						NO	Erosion of natural deposits						
Sodium (ppm)	2016	N/A	N/A	6.3			11.9		5.9						NO	Erosion of natural deposits						
SpecificConductance [E.C.] (uS)	2016	1600	N/A	101			192		185						NO	Substances that form ions when in water						
Sulfate (ppm)	2016	500	N/A	1.7			0.3		0.3						NO	Erosion of natural deposits						
Total Alkalinity [as CaCO3] (ppm)	2016	N/A	N/A	41.2			102		103						NO	Erosion of natural deposits						
Total Dissolved Solids (ppm)	2016	1000	N/A	20			112		97						NO	Erosion of natural deposits						
Total Hardness [as CaCO3] (ppm)	2016	N/A	N/A	32			65		78						NO	Erosion of natural deposits						
Zinc (ppm)	2016	5	N/A	ND			ND		ND						NO	Erosion of natural deposits						
LEAD AND COPPER				Action Level			MCL		20 Samples			90th		10 Samples 90th								
LEAD (ug/L)	2019	15	15	Percentile			ND							10 Samples 90th Percentile			Internal corrosion-plumbing; erosion nat'l deposits.					
Copper (ug/L)	2019	1300	1300	75			452							10 Samples 18.32			Corrosion of household plumbing systems.					

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20% by 2020

For most recent info go to : <http://ntpud.org/water-regulations>

MCL: Maximum Contaminant Level is the highest level of a contaminant that is allowed in drinking water. The MCL is set as close to the MCLG as feasible using the best available treatment technology.

MCLG: Maximum Contaminant Level Goal is the level of a contaminant in drinking water below which there is not known or expected risk to health. MCLGs allow for a margin of safety.

MRDL: Maximum Residual Disinfection Level Goal is 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.

PHG: Public Health Goal is the level of a contaminant in drinking water below which there is no known or expected risk to health. PHGs are set by the California Environmental Protection Agency.

PPB: Parts Per Billion, parts contaminant for every 1 billion parts of water.

PPM: Parts Per Million, parts contaminant for every 1 million parts of water.

T: Number of tests for bacteria (Laboratory analysis)

A: Number of tests absent of bacteria

P: Number of tests detecting presence of bacteria

<: Less Than

>: Greater Than

RAA: Running Annual Average

N/A: Not Applicable

ND: Not Detected, indicates contaminant was not detected in the water source.

N/R: Not Regulated or Not Required

MRDLG: Maximum Residual Disinfection Level Goal is 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 contaminants.

ug/L: Micro grams Per Liter (Parts Per Million)