

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

2022

(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: Johns Manville Willows

Water System Number: 1100232

The water system named above hereby certifies that its Consumer Confidence Report was distributed on 4-24-2023 (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: Andrew Munn
Signature: [Signature]
Title: Environmental Manager
Phone Number: (530) 934-6225 Date: 4/24/2023

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: _____

☒ "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._____
- ☐ 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.*

Table 1 – Sampling Results Showing the Detection of Coliform Bacteria

Microbiological Contaminants (complete if bacteria detected)	Highest No. of Detections	No. of months in violation	MCL	MCLG	Typical Source of Bacteria
Total Coliform Bacteria	0	0	More than 1 sample in a month with a detection	0	Naturally present in the environment
Fecal Coliform or <i>E. coli</i> (federal Revised Total Coliform Rule)	0	0	A routine sample and a repeat sample detect total coliform and either sample also detects fecal coliform or <i>E. coli</i>	0	Human and animal fecal waste
	0	0	(a)	0	Human and animal fecal waste

(a) Routine and repeat samples are total coliform-positive and either is *E. coli*-positive or system fails to take repeat samples following *E. coli*-positive routine sample or system fails to analyze total coliform-positive repeat sample for *E. coli*.

Table 2 – Sampling Results Showing the Detection of Lead and Copper

	Sample Date	No. of samples collected	90th percentile level detected	No. sites exceeding AL	AL	PHG	Typical Source of Contaminant
Lead (ppb)	2020	5	0	0	15	0.2	Internal corrosion of household water plumbing systems; discharges from industrial manufacturers; erosion of natural deposits
Copper (ppb)	2020	5	159.86	0	1300	0.3	Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives

Table 3 – Sampling Results for Sodium and Hardness

		Level Detected	MCL	PHG (MCLG)	Typical Source of Contaminant
	Sample Date				
Sodium (ppm)	2006	44	none	none	Salt present in the water and is generally naturally occurring
Hardness (ppm)	2006	210	none	none	Sum of polyvalent cations present in the water, generally magnesium and calcium, and are usually naturally occurring

Table 4 – Detection of Contaminants with a Primary Drinking Water Standard

Chemical or Constituent	Sample Date	Level Detected	MCL (MRDL)	PHG (MCLG)	Typical Source of Contaminant
Nitrate as N (ppm)	2022	North Well: 4.82 South Well: 4.54	10	10	Runoff and leaching from fertilizer use; leaching from septic tanks and sewerage; erosion of natural deposits
Gross Alpha Particles (pCi/L)	2016	3.44	15	0	Erosion of natural deposits of certain minerals that are radioactive and may emit a form of radiation known as alpha radiation
Arsenic (ppb)	2022	North Well: ND South Well: ND	10	0.004	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes
Chromium, Hexavalent (ppb)	2017	North Well: 4.1 South Well: 3.7	N/A	0.02	Discharge from electroplating facilities; leather tanneries; wood preservation; chemical synthesis; refractory production; and textile manufacturing facilities; erosion of natural deposits
Barium (ppm)	2022	North Well: 0.155 South Well: ND	1	2	Discharge of oil drilling wastes and from metal refineries; erosion of natural deposits
Chromium total (ppb)	2022	North Well: 3.9 South Well: 3.3	50	(100)	Discharge from steel and pulp mills and chrome plating; erosion of natural deposits
Fluoride (ppm)	2023	North Well: 0.38 South Well: 0.27	2	1	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
Nitrite (ppm)	2022	North Well: ND South Well: 0.20	1	1	Runoff and leaching from fertilizer use; leaching from septic tanks and sewerage; erosion of natural deposits

Selenium (ppb)	2022	North Well: 8.5 South Well: ND	50	30	Erosion of natural deposits
Hexoacetic Acids (ppb)	2020	1.6	60	N/A	Byproduct of drinking water disinfection
TriHMs (ppb)	2020	1.1	80	N/A	Byproduct of drinking water disinfection

Table 5 – Detection of Unregulated Contaminants

Chemical or Constituent	Sample Date	Level Detected	Range of Detections	Notification Level	Health Effects Language
Vanadium (ppb)	2013	5	5	50	The infants of some pregnant women who drink water containing vanadium in excess of the notification level may have an increased risk of developmental effects based on studies in laboratory animals.

Any violation of an AL, MCL, MRDL, or TT is asterisked. Additional information regarding the violation is provided later in this report.

For more information, please contact:

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To: All Johns Manville Willows Plant Employees

From: Andrew Munn
Date: 4/24/23

RE: Annual Drinking Water Consumer Confidence Report

California law requires any drinking water system that serves a public population to annually publish a Consumer Confidence Report. The Report is included with this memo, and will be posted in public locations throughout the plant. In the report you will find information about periodically required chemical and microbial contaminant testing. For all tested contaminants, the plant drinking water system returned results below state Maximum Contaminant Levels (MCLs).

If you have any questions regarding this report, please feel free to contact Andrew Munn at 530-934-6224, or Miguel Guerrero at Miguel.guerrero@jim.com or Andrew Munn at Andrew.munn@jim.com

On 4/24/2023 The CCR for Johns Manville was posted on the Announcement board for all Johns Manville, Willows Employees.

- Employee Foyer Announcement Board
- Distributed pdf via email to all Johns Manville supervisors.