

# SWEETWATER AUTHORITY'S ANNUAL DRINKING WATER QUALITY REPORT FOR 2020

Last year the water delivered to you by Sweetwater Authority met all state and federal drinking water health standards.

**EL REPORTE CONTIENE VALIOSA INFORMACIÓN SOBRE  
LA CALIDAD DE SU AGUA POTABLE.**

*Está disponible en nuestro sitio de web  
[www.sweetwater.org/wqreportsp](http://www.sweetwater.org/wqreportsp).*





**SWEETWATER AUTHORITY'S TAP WATER SUPPLY MEETS ALL STATE AND FEDERAL HEALTH STANDARDS IN 2020**

Sweetwater Authority's mission is to provide customers with safe, reliable water. We are proud to provide this essential service to our community, and through securing sustainable water supplies, regular system maintenance, a balanced approach to human and environmental needs and responsible agency management, we are prepared to continue to do so for generations to come. Behind each drop of water we deliver is a diverse team of dedicated industry professionals who work around-the-clock to ensure our customers have access to safe, high quality tap water every single day.

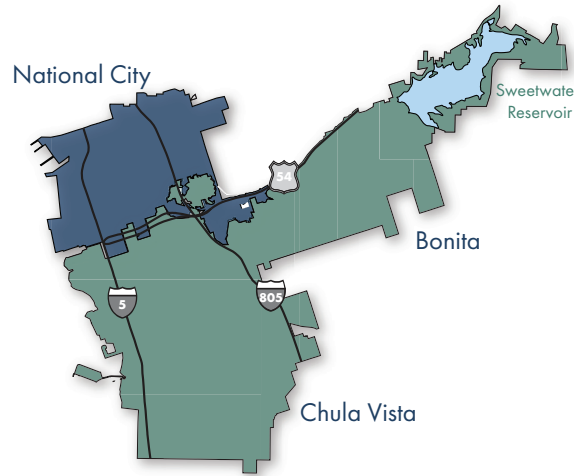
Based on water quality monitoring data collected in 2020, the Authority's tap water met all state and federal drinking water health standards, which define our current understanding of safe drinking water.

The U.S. Environmental Protection Agency (EPA) and the California State Water Resource Control Board, Division of Drinking Water (State Water Board) mandate all water systems in California to produce an annual report educating customers about their drinking water quality for the previous year. This annual Drinking Water Quality Report details the sources of the Authority's water supply, what it contains and how it meets health standards. If you have questions about Authority operations or the contents of this report, please visit [www.sweetwater.org](http://www.sweetwater.org) or call the Water Treatment Superintendent at (619) 409-6812.

**ABOUT SWEETWATER AUTHORITY**

The Authority is a publicly-owned, joint powers water agency, with policies and procedures established by a seven-member Governing Board. Five directors are elected by the citizens of the South Bay Irrigation District. Two directors are appointed by the Mayor of National City, subject to City Council confirmation.

The Authority provides water service to approximately 200,000 people in National City, Bonita, and western and central portions of Chula Vista. Its customers include residential, business, government, and industrial water users in an area covering more than 36 square miles in the South Bay region of San Diego County.



**ABOUT YOUR DRINKING WATER**

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 activity.

Before water is treated, raw water may contain contaminants including:

- 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, 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, that 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 by-products of industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff, agricultural applications, and septic systems.
- Radioactive contaminants, that can be naturally occurring or the result of oil and gas production, and mining activities.

To learn more about contaminants and health effects, call the U.S. EPA Safe Drinking Water Hotline at 1-800-426-4791. Further information is available at [www.sweetwater.org](http://www.sweetwater.org) or [www.mwdh2o.com](http://www.mwdh2o.com).

In order to ensure that tap water is safe to drink, the U.S. EPA and the State Water Board prescribe regulations that limit the amount of certain contaminants in water provided by public water systems. The U.S. Food and Drug Administration regulations and California law also establish limits for contaminants in bottled water that provide the same protection for public health.

**GET INVOLVED**

Public participation is welcome at all Sweetwater Authority Governing Board meetings. Meetings are held at 505 Garrett Avenue, Chula Vista, the second and fourth Wednesday of each month at 6:00 p.m. Agendas are posted at 505 Garrett Avenue, Chula Vista. Meeting agendas and minutes are published on the Authority's website at [www.sweetwater.org/agendacenter](http://www.sweetwater.org/agendacenter).



## ABOUT YOUR DRINKING WATER AND THIS REPORT (CONT.)

### OUR WATER SOURCES

Authority customers receive water from four sources: the Sweetwater River (drawn at Sweetwater Reservoir in Spring Valley), deep freshwater wells in National City, brackish water wells in Chula Vista, and the region's imported supply, which is drawn from the Colorado River and/or the State Water Project in northern California. Source water assessments are available for each of these sources.



Loveland Reservoir



Sweetwater Reservoir

### PROTECTING WATER FROM CONTAMINATION

The local water used by the Authority can be affected by activities within its watershed, a 230-square-mile area leading into the streams that feed the Sweetwater River. The Authority uses a multiple-barrier approach to ensure



San Diego Formation Wells

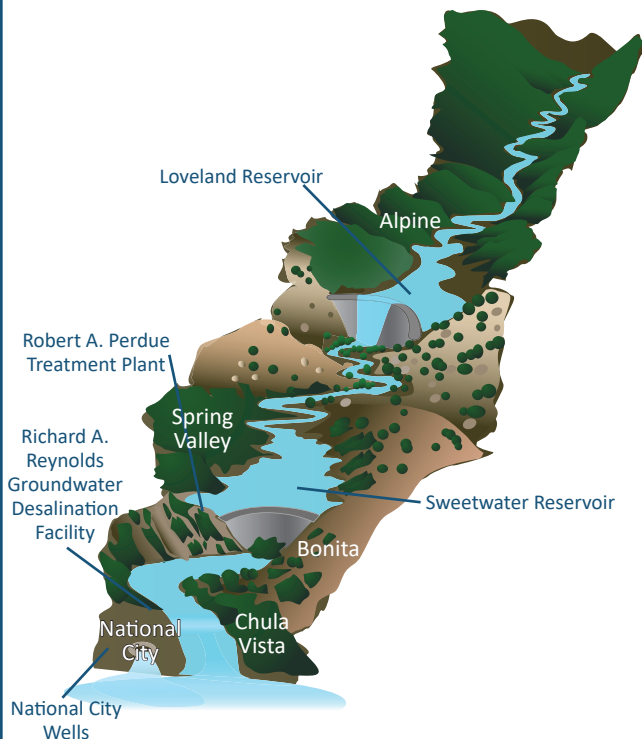


Groundwater Desalination Facility



National City Wells

### SWEETWATER RIVER WATERSHED



water quality. Education, stakeholder involvement, and comments to local planners are part of Authority efforts, in addition to the “hardware” solutions described here:

1. An innovative diversion system captures urban runoff before it enters Sweetwater Reservoir and transports the runoff below Sweetwater Dam, reducing the buildup of mineral salts in the reservoir. The diversion system can also capture and hold runoff from a chemical spill or sewage system failure, allowing the contaminants to be removed and trucked away for proper disposal.
2. Well sites are closely monitored to assure that contaminants have not entered the well fields.
3. Surface water is treated and disinfected at the Robert A. Perdue Water Treatment Plant.
4. Potable groundwater is disinfected.
5. Brackish groundwater is treated with reverse osmosis and disinfected. (To learn more, visit [www.sweetwater.org/water](http://www.sweetwater.org/water).)

### SOURCE WATER ASSESSMENT

This assessment identifies activities to which water sources are considered “most vulnerable.” In 2002, source water assessments were completed for the Authority’s water supplies. There were NO contaminants from the “possible contaminating activities” found in the Authority’s water supplies. To request a summary of the assessments, contact the Water Quality Services Technician at (619) 409-6805, or [cpino@sweetwater.org](mailto:cpino@sweetwater.org).

### QUESTIONS?

Frequently asked questions and answers about water quality, taste, color and odor, can be found at [www.sweetwater.org/wq](http://www.sweetwater.org/wq).

## ABOUT YOUR DRINKING WATER AND THIS REPORT (CONT.)

### IMPORTANT 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 the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the U.S. EPA Safe Drinking Water Hotline at 1-800-426-4791, or visiting the U.S. EPA website at [www.epa.gov/ground-water-and-drinking-water](http://www.epa.gov/ground-water-and-drinking-water).

**Note to special populations:** 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. To obtain U.S. EPA/Centers for Disease Control and Prevention (CDC) guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants, please call the U.S. EPA Safe Drinking Water Hotline at 1-800-426-4791.



### HOW TO REACH US

#### CALL

Customer Service .....(619) 420-1413  
After Hours Emergency .....(619) 420-1413  
Water Quality Info .....(619) 409-6780  
Water Efficiency Helpline .....(619) 409-6779  
Fluoride Info Line.....(619) 409-6780  
Construction Info.....(619) 409-6850  
School Programs.....(619) 409-6781  
Community Presentations.....(619) 409-6723  
Board Secretary .....(619) 409-6703

#### CONNECT

Website: [www.sweetwater.org](http://www.sweetwater.org)  
Facebook: [facebook.com/swawater](https://facebook.com/swawater)  
Twitter: [twitter.com/sweetwaterauth](https://twitter.com/sweetwaterauth)  
YouTube: [youtube.com/user/SweetwaterAuthority](https://youtube.com/user/SweetwaterAuthority)  
LinkedIn: [linkedin.com/company/sweetwater-authority](https://linkedin.com/company/sweetwater-authority)

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### DEFINITION OF TERMS

**AL = Regulatory Action Level:** The concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system must follow (AL now applies only to lead and copper).

**MCL = Maximum Contaminant Level:** The highest level of a contaminant that is allowed in drinking water. Primary MCLs are set as close to the PHGs (or MCLGs) as is economically and technologically feasible. Secondary MCLs are set to protect the odor, taste, and appearance of drinking water.

**MCLG = Maximum Contaminant Level Goal:** The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs are set by the U.S. EPA.

**MRDL = Maximum Residual Disinfectant Level:** 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.

**MRDLG = Maximum Residual Disinfectant Level Goal:** 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.

**NA = Not Applicable** (No standard specified or no monitoring required)

**ND = Not Detected**

**NL = Regulatory Notification Level:** (previously known as Action Level). The concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system must follow.

**pCi/l = picoCuries per liter** (a measure of radiation).

**PDWS = Primary Drinking Water Standard:** MCLs and MRDLs for contaminants that affect health along with their monitoring and reporting requirements, and water treatment requirements.

**PHG = Public Health Goal:** 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 (CalEPA).

**ppb = Parts per billion** or micrograms per liter.

**ppm = Parts per million** or milligrams per liter.

**ppt = Parts per trillion** or nanograms per liter.

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



PRIMARY STANDARDS For the 2020 calendar year				National City Wells (Disinfected with chloramine)	Treated at Reynolds Groundwater Desal Facility	Treated at Robert A. Perdue Water Treatment Plant			Treated <sup>1</sup> Sweetwater Authority Drinking Water	If you do not see a contaminant listed here, it was not detected in 2020.  Typical Source of Contaminant:
Inorganic Contaminants	MCL [MRDL]	PHG (MCLG) [MRDLG]	Range and Average	— BEFORE TREATMENT —						
				National City Well 3	National City Well 4	SD Formation Wells 1- 11	Lake Skinner Outlet (Aqueduct)	Sweetwater Reservoir		
Fluoride (ppm)	2.0	1	Range	0.4- 0.4	0.4- 0.4	0.1- 0.5	0.2- 0.3	0.3- 0.3	0.6- 0.9 <sup>10</sup>	Erosion of natural deposits; discharge from fertilizer and aluminum factories; water additive that promotes oral health
			Average	0.4	0.4	0.2	0.2	0.3	0.7	
Aluminum (ppb)	1000	600	Range	ND	ND	ND	ND	71 - 87 <sup>2</sup>	ND	Erosion of natural deposits; residue from surface water treatment processes
			Average	ND	ND	ND	ND	79	ND	
Arsenic (ppb)	10	0.004	Range	ND- 1.5	ND	ND- 3.4 <sup>2</sup>	2.1 <sup>2,4</sup>	1.9- 2.7 <sup>2</sup>	ND	Erosion of natural deposits; glass and electronics production wastes
			Average	ND	ND	1.7	2.1	2.3	ND	
Barium (ppm)	1	2	Range	ND	0.1- 0.1	ND - 0.2 <sup>2</sup>	ND	ND- 0.1 <sup>2</sup>	ND- 0.1	Erosion of natural deposits; discharges of oil drilling wastes and from metal refineries
			Average	ND	0.1	0.1	ND	0.1	ND	
Selenium (ppb)	50	30	Range	ND	ND	ND- 16 <sup>2</sup>	ND	ND	ND	Refineries, mines, and chemical waste discharges; erosion of natural deposits; runoff
			Average	ND	ND	ND	ND	ND	ND	
Radionuclides (a)										
Gross Alpha (pCi/L)	15	(0)	Range	ND	ND	ND - 11 <sup>2,3</sup>	ND - 3.0 <sup>3</sup>	ND	NA	Erosion of natural deposits
			Average	ND	ND	3.9	ND	ND	NA	
Gross Beta (pCi/L)	50	(0)	Range	NA	NA	ND- 17 <sup>2,3</sup>	ND- 5.5 <sup>3</sup>	ND	NA	Decay of natural and man-made deposits
			Average	NA	NA	8.1	ND	ND	NA	
Radium- 226 (pCi/L)	5	0.05	Range	ND	ND	ND - 1.2 <sup>2,3</sup>	ND	ND	NA	Erosion of natural deposits
			Average	ND	ND	ND	ND	ND	NA	
Radium- 228 (pCi/L)	5	0.019	Range	ND	ND	ND	ND- 1.0 <sup>3</sup>	ND	NA	Erosion of natural deposits
			Average	ND	ND	ND	ND	ND	NA	
Uranium (pCi/L)	20	0.43	Range	ND	ND	ND - 8.3 <sup>2,3</sup>	1.4 - 2.6 <sup>2,3</sup>	2.1 <sup>2,3,4</sup>	NA	Erosion of natural deposits
			Average	ND	ND	2.4	1.9	2.1	NA	
Turbidity (b)										
Combined Filter Effluent Turbidity (NTU)	TT = 1 NTU	NA	Highest Single Measurement					0.28	Soil runoff	
	TT = 95% of samples ≤0.3 NTU		Lowest Monthly Percent of Samples Meeting MCL					100.0%		
Unregulated Contaminants <sup>5</sup>										
Boron (ppm)	NA	NL = 1.0	Range	0.21- 0.23	0.16- 0.17	0.21- 0.48	0.13 <sup>4</sup>	0.14- 0.15	0.14- 0.24	Runoff/leaching from natural deposits; industrial wastes
			Average	0.22	0.17	0.32	0.13	0.15	0.19	
Vanadium (ppb)	NA	NL = 50	Range	ND	14- 15	ND- 3 <sup>2</sup>	ND	4.9- 9.5	ND	Naturally occurring; industrial waste discharge
			Average	ND	15	ND	ND	7.2	ND	

## WATER QUALITY REPORT DATA TABLES (CONT.)

PRIMARY STANDARDS CONTINUED				National City Wells (Disinfected with chloramine)	Treated at Reynolds Groundwater Desal Facility	Treated at Robert A. Perdue Water Treatment Plant		Treated <sup>1</sup> Sweetwater Authority Drinking Water	If you do not see a contaminant listed here, it was not detected in 2020.  Typical Source of Contaminant:		
Inorganic Contaminants	MCL [MRDL]	PHG (MCLG) [MRDLG]	Range and Average	— BEFORE TREATMENT —							
				National City Well 3	National City Well 4	SD Formation Wells 1- 11	Lake Skinner Outlet (Aqueduct)	Sweetwater Reservoir			
Unregulated Contaminants <sup>2</sup> (continued)											
Perfluorooctane-sulfonic acid (PFOS) (ppt)	NA	NL = 6.5	Range	NA	NA	ND- 28 <sup>2</sup>	ND	NA	ND	Products manufactured with perfluoroalkyl substances (PFAS) include non-stick cookware, fast-food packaging, stain- and water-repellent fabrics, including clothing and carpets. PFAS chemicals are also found in fire-fighting foam, wastewater effluent, and in landfills.	
			Average	NA	NA	7.1	ND	NA	ND		
Perfluorooctanoic acid (PFOA) (ppt)	NA	NL = 5.1	Range	NA	NA	ND- 7.1 <sup>2</sup>	ND	NA	ND		
			Average	NA	NA	ND	ND	NA	ND		
Perfluorobutane-sulfonic acid (PFBS) (ppt)	NA	NL = 500	Range	NA	NA	ND- 8.6 <sup>2</sup>	ND	NA	ND		
			Average	NA	NA	ND	ND	NA	ND		
Perfluorohexanesulfonic acid (PFHxS) (ppt)	NA	NA	Range	NA	NA	ND- 27 <sup>2</sup>	ND	NA	ND		
			Average	NA	NA	8.5	ND	NA	ND		
Unregulated Contaminant Monitoring Rule 3 (UCMR3) (c)											
Chlorate (ppb)	NA	NL = 800	Combined Distribution System Range					43- 700	By-product of drinking water disinfection when using chlorine dioxide; hypochlorite degradation		
			Combined Distribution System Average					275			
Molybdenum (ppb)	NA	NA	Combined Distribution System Range					1.0- 8.2	Naturally occurring; manufacturing process waste		
			Combined Distribution System Average					4.4			
Strontium (ppb)	NA	NA	Combined Distribution System Range					320- 1100	Erosion of natural deposits; atmospheric deposition; wastewater discharges		
			Combined Distribution System Average					684			
Vanadium (ppb)	NA	NL = 50	Combined Distribution System Range					ND- 7.2	Naturally occurring; industrial waste discharge		
			Combined Distribution System Average					2.2			
Unregulated Contaminant Monitoring Rule 4 (UCMR4) (c)											
Total Organic Carbon (ppm)	TT	NA	Range	Perdue Water Treatment Plant- Raw Water Influent (Before Treatment)			2.9- 12	NA	Various natural and man-made sources		
			Average				8.6	NA			
Bromide (ppb)	NA	NA	Range	Perdue Water Treatment Plant- Raw Water Influent (Before Treatment)			81- 420	NA	Runoff/leaching from natural deposits; seawater influence		
			Average				315	NA			
Manganese (ppb)	50	NL = 500	Combined Distribution System Range					ND- 10	Leaching from natural deposits		
			Combined Distribution System Average					3.3			
HAA5 (ppb)	60	NA	Combined Distribution System Range					ND- 38.2	Byproduct of drinking water chlorination		
			Combined Distribution System Average					17.3			
HAA6Br (ppb)	NA	NA	Combined Distribution System Range					ND- 39.6	Byproduct of drinking water chlorination		
			Combined Distribution System Average					17.0			
HAA9 (ppb)	NA	NA	Combined Distribution System Range					ND- 66.4	Byproduct of drinking water chlorination		
			Combined Distribution System Average					30.0			

## WATER QUALITY REPORT DATA TABLES (CONT.)

PRIMARY STANDARDS CONTINUED				National City Wells (Disinfected with chloramine)	Treated at Reynolds Groundwater Desal Facility	Treated at Robert A. Perdue Water Treatment Plant			Treated <sup>1</sup> Sweetwater Authority Drinking Water	If you do not see a contaminant listed here, it was not detected in 2020.
Inorganic Contaminants	MCL [MRDL]	PHG (MCLG) [MRDLG]	Range and Average	— BEFORE TREATMENT —						Typical Source of Contaminant:
				National City Well 3	National City Well 4	SD Formation Wells 1- 11	Lake Skinner Outlet (Aqueduct)	Sweetwater Reservoir		
Disinfection and By-product Contaminants										
Total Trihalomethanes (TTHMs) (ppb)	80	NA	Highest Locational Running Annual Average (LRAA)					55.1	By-product of drinking water chlorination	
			Range of All Distribution Sample Points					3.7 - 48.0 <sup>6</sup>		
Haloacetic Acids (HAAs) (ppb)	60	NA	Highest Locational Running Annual Average (LRAA)					30.1	By-product of drinking water chlorination	
			Range of All Distribution Sample Points					ND- 23.8 <sup>6</sup>		
Chloramines (ppm)	[4.0]	[4]	Highest Running Annual Average (RAA)					2.9	Drinking water disinfectant added for treatment	
			Combined Distribution System Range					0.4- 4.8 <sup>6</sup>		
Chlorine Dioxide (ppb)	[800]	[800]	Perdue Plant Clearwell Effluent Range					ND- 100 <sup>6</sup>	Drinking water disinfectant added for treatment	
			Perdue Plant Clearwell Effluent Average					ND		
Chlorite (ppm)	1.0	0.05	Combined Distribution System Range					0.02- 0.50 <sup>6</sup>	By-product of drinking water disinfection when using chlorine dioxide	
			Combined Distribution System Average					0.25		
Chlorate (ppb)	NA	NL = 800	Combined Distribution System Range					120- 370 <sup>6</sup>	By-product of drinking water disinfection when using chlorine dioxide; hypochlorite degradation	
			Combined Distribution System Average					270		
Lead and Copper Rule				Number of sites found above AL				90 percent of samples below		
Lead (ppb)	AL = 15	0.2	0 sites above AL out of 64 sites sampled					ND <sup>3</sup>	Corrosion of onsite plumbing systems	
Copper (ppm)	AL = 1.3	0.3	0 sites above AL out of 64 sites sampled					0.14 <sup>3</sup>		
Microbiological (d)				Highest monthly percentage						
Total Coliform Bacteria	5.0% (TT)	(0)	Number of positive samples taken this year = 1					0.7%	Naturally present in the environment	
E.coli Coliform Bacteria	(d)	(0)	Number of positive samples taken this year = 0					0%	Human and animal fecal waste	
Cryptosporidium (Oocysts/10L)	TT	(0)	Range	NA			NA	ND <sup>7</sup>	Naturally present in the environment	
			Average	NA			NA	ND		

# WATER QUALITY REPORT DATA TABLES (CONT.)

SECONDARY STANDARDS				National City Wells (Disinfected with chloramine)	Treated at Reynolds Groundwater Desal Facility	Treated at Robert A. Perdue Water Treatment Plant			Treated <sup>1</sup> Sweetwater Authority Drinking Water	If you do not see a contaminant listed here, it was not detected in 2020.  Typical Source of Contaminant:
Inorganic Contaminants	MCL [MRDL]	PHG (MCLG) [MRDLG]	Range and Average	— BEFORE TREATMENT —						
				National City Well 3	National City Well 4	SD Formation Wells 1- 11	Lake Skinner Outlet (Aqueduct)	Sweetwater Reservoir		
Aluminum <sup>8</sup> (ppb)	200	NA	Range	ND	ND	ND	ND	71 - 87 <sup>2</sup>	ND	Erosion of natural deposits; residue from some surface water treatment processes
			Average	ND	ND	ND	ND	79	ND	
Iron (ppb)	300	NA	Range	ND	ND	ND - 910 <sup>2</sup>	ND	ND - 180 <sup>2</sup>	ND	Leaching from natural deposits; industrial wastes
			Average	ND	ND	ND	ND	130	ND	
Manganese (ppb)	50	NL = 500	Range	ND	ND	27 - 3200 <sup>2</sup>	ND	100 - 220 <sup>2</sup>	ND	Leaching from natural deposits
			Average	ND	ND	658	ND	160	ND	
Specific Conduc- tance (microsei- mens/centimeter)	1600	NA	Range	1100 - 1100	880 - 920	1800 - 9800 <sup>2</sup>	728 - 907	1200 - 1300	690 - 1200	Substances that form ions when in water; seawater influence
			Average	1100	900	3550	818	1250	968	
Total Dissolved Solids (ppm)	1000	NA	Range	620 - 630	510 - 520	1000 - 5900 <sup>2</sup>	446 - 571	690 - 720	390 - 740	Runoff/leaching from natural deposits; seawater influence
			Average	625	515	2064	508	705	560	
Chloride (ppm)	500	NA	Range	200 - 200	150 - 150	390 - 3100 <sup>2</sup>	77 - 88	190 - 240	170 - 230	Runoff/leaching from natural deposits; seawater influence
			Average	200	150	988	82	215	195	
Sulfate (ppm)	500	NA	Range	57 - 57	37 - 37	115 - 511 <sup>2</sup>	142 - 199	127 - 148	32 - 159	Runoff/leaching from natural deposits; industrial wastes
			Average	57	37	194	170	138	89	
Color (units)	15	NA	Range	1 - 3	1 - 3	1 - 3	3 <sup>4</sup>	50 - 50	1 - 3	Naturally occurring organic materials; iron and manganese
			Average	2	2	2	3	50	2	
Odor-Threshold (units)	3	NA	Range	ND	1 - 1	ND - 1 <sup>2</sup>	7 <sup>2,4</sup>	4 - 4 <sup>2</sup>	ND	Naturally occurring organic materials
			Average	ND	1	ND	7	4	ND	
Turbidity <sup>8</sup> (NTU)	5	NA	Range	0.08 - 0.10	0.11 - 0.11	0.05 - 0.59	0.6 - 0.7	5.0 - 9.5	0.04 - 0.29	Soil runoff
			Average	0.09	0.11	0.15	0.7	7.3	0.13	
Foaming Agents (MBAS) (ppb)	500	NA	Range	ND - 120	ND	ND	ND	ND	ND	Municipal and industrial waste discharges
			Average	60	ND	ND	ND	ND	ND	
OTHER PARAMETERS										
Sodium (ppm)	NA	NA	Range	160 - 170	130 - 140	260 - 1400 <sup>2</sup>	70 - 88	130 - 140	110 - 140	Runoff/leaching from natural deposits; seawater influence
			Average	165	135	500	79	135	120	
Hardness (Total Hardness as CaCO <sub>3</sub> ) (ppm)	NA	NA	Range	190 - 200	160 - 170	320 - 1800 <sup>2</sup>	196 - 252	330 - 360	95 - 360	Leaching from natural deposits
			Average	195	165	661	224	345	214	
Radon (pCi/L) <sup>9</sup>	NA	NA	Range	270 <sup>4</sup>	374 <sup>4</sup>	190 - 300 <sup>2</sup>	ND	NA	NA	Decay of natural deposits
			Average	270	374	240	ND	NA	NA	
pH (Standard Units)	NA	NA	Range	7.9 - 7.9	8.0 - 8.0	7.3 - 8.0	8.1 - 8.2	8.5 - 8.6	8.3 - 8.6	Soil geology, water hardness, and alkalinity
			Average	7.9	8.0	7.8	8.2	8.6	8.5	
Total Organic Carbon (ppm)	TT	NA	Range	NA	NA	NA	3.0 - 3.2	10.5 - 13.4	2.6 - 8.2	Various natural and man-made sources
			Average	NA	NA	NA	3.1	11.9	6.7	



The Authority vigilantly safeguards its water supplies and has met all state and federal health standards. The following information describes potential health effects of drinking water that contain contaminants above federal maximum levels.

**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 through showering, washing dishes, and other household activities. In most cases, the amount of radon entering a home from tap water will be much less than the amount of radon entering the home through soil. Radon is a known human carcinogen. Breathing air containing radon can lead to lung cancer. Drinking water containing radon may also cause 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 4 picocuries per liter of air (pCi/L) or higher. For additional information, call the State Radon Program (1-800-745-7236), the U.S. EPA Safe Drinking Water Hotline (1-800-426-4791), or the National Radon Hotline (1-800-767-7236).

**LEAD:** If present, elevated levels of lead can cause serious health problems, especially for pregnant women, infants, and young children. Lead in drinking water is primarily from materials and components associated with service lines and household plumbing. The Authority is responsible for providing high quality drinking water, but cannot control the variety of materials used in household 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 two 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 U.S. EPA Safe Drinking Water Hotline (1-800-426-4791) or at [www.epa.gov/lead](http://www.epa.gov/lead).

**FLUORIDE** is a naturally occurring mineral found in both surface water and groundwater. Fluoridation is the addition of fluoride to a drinking water supply so that it contains the level recommended for optimal protection against tooth decay. California law mandates fluoridation. Public water systems with at least 10,000 service connections are required, once funded, to fluoridate their drinking water. The Authority began fluoridation of the water supply delivered to customers in January 2017. This action is in compliance with the State Water Board Regulations Related to Drinking Water (Section 64433). State regulations require the fluoride levels in the treated water be maintained within a concentration range of 0.6 mg/L to 1.2 mg/L with the optimal target dose set at 0.7 mg/L, which is considered to provide optimal oral health benefits. Additional information about fluoridation is available from the State Water Board Division of Drinking Water at [www.swrcb.ca.gov/drinking\\_water/certlic/drinkingwater/Fluoridation.shtml](http://www.swrcb.ca.gov/drinking_water/certlic/drinkingwater/Fluoridation.shtml).



**1. Sweetwater Authority drinking water** data is representative of water which has been processed through the Robert A. Perdue Water Treatment Plant (conventional treatment) or the Richard A. Reynolds Groundwater Desalination Facility (reverse osmosis treatment).

**2. The contaminants** listed are in the untreated waters. The water is processed through either a reverse osmosis filtration plant (Reynolds Groundwater Desalination Facility) or through a conventional water treatment plant (Perdue Water Treatment Plant). These water treatment applications typically remove these contaminants to concentrations below detectable levels.

**3. The State Water Board** allows the Authority to monitor for some contaminants less than once per year because the concentrations of the contaminants do not change frequently. Radiological data on untreated source waters was collected in 2006-2007, 2017-2020. Lead and Copper data was collected in July 2020. Compliance with the lead and copper action levels is determined at the 90<sup>th</sup> percentile.

**4. Reported value** represents a single measurement; therefore, the range and average are the same.

**5. Unregulated contaminant** monitoring helps U.S. EPA and the State Water Board to determine where certain contaminants occur and whether the contaminants need to be regulated.

On March 15, 2019 the State Water Board, Division of Drinking Water issued an Order requiring the Authority to conduct quarterly monitoring for one year for per- and poly-fluorinated alkyl substances (PFAS) at three San Diego Formation Wells (SDF 1, 2, and 6), which are used as a source of supply to the Reynolds Desalination Facility. These wells were selected because they are located in proximity to an abandoned landfill in National City. Based upon monitoring results for SDF Wells 1, 2, and 6, and the concern for the potential of PFAS contamination in SDF Wells located along the Lower Sweetwater River, on September 3, 2020 DDW issued a new monitoring Order that required the Authority to monitor SDF Wells 2, 3, 4, and 5 quarterly until further notice. Of the PFAS chemicals,

perfluorooctanoic acid (PFOA) and perfluorooctane sulfonic acid (PFOS) have been the most extensively studied and DDW has assigned health-based notification levels of 5.1 and 6.5 parts per trillion (ppt) respectively to these chemicals. In addition, the State Water Board is currently in the process of developing public health goals (PHGs) and maximum contaminant levels (MCLs) for PFOS and PFOA. In 2020, both PFOA and PFOS were detected in SDF Wells 2, 3, and 5 above their respective notification levels, however the reverse osmosis technology used at the Reynolds Desalination Facility effectively removes these chemicals to below detectable levels, therefore there was no impact to our customers and no notification was required. This was confirmed with the State Water Board by sampling the Reynolds Desalination Facility finished water, which showed that none of the 18 PFAS chemicals tested by EPA Method 537.1 were detected. For more information on PFAS, visit [www.sweetwater.org/wq](http://www.sweetwater.org/wq).

**6. MRDL compliance for chloramines** is determined on a system-wide basis by calculating a running annual average of all distribution sampling point averages. MCL compliance for trihalomethanes (THMs) and haloacetic acids (HAAs) is determined by calculating a quarterly locational running annual average at each Stage 2 DBP Rule monitoring location. MCL compliance for chlorine dioxide is based on daily samples at the entrance to the distribution system and follow-up distribution system monitoring following an MRDL exceedance. MCL compliance for chlorite is based on daily samples at the entrance to the distribution system, monthly distribution system monitoring, and follow-up/confirmation sampling following an MCL exceedance.

**7. Cryptosporidium (Crypto) monitoring.** In 2020, Crypto was not detected in Sweetwater Reservoir. The last detection for Crypto in Sweetwater Reservoir occurred in August of 2005 (1.0 oocyst in 10 liters).

**8. Aluminum and Turbidity** have both a primary and a secondary MCL.

**9. Radon** was sampled in 2000 for San Diego Formation Wells 1-5, in 2001 for the National City Wells 2 and 3, and in 2008 for San Diego Formation Well 6 and National City Well 4.

**10. Fluoride** - The Authority treats your water by adding fluoride to the naturally occurring level to help prevent tooth decay in consumers. State regulations require the fluoride levels in the treated water be maintained within a concentration range of 0.6 mg/L to 1.2 mg/L with an optimal target dose set at 0.7 mg/L, which is considered to provide optimal oral health benefits. In 2020, the Authority's monitoring showed fluoride levels in the (fluoridated) treated water ranged from 0.6 mg/L to 0.9 mg/L, with an average of 0.7 mg/L. Information about fluoridation, oral health and current issues is available at [www.swrcb.ca.gov/drinking\\_water/certlic/drinkingwater/Fluoridation.shtml](http://www.swrcb.ca.gov/drinking_water/certlic/drinkingwater/Fluoridation.shtml).

**(a) Compliance with the radiological MCLs** is typically based upon samples collected every three to nine years (depending on previous monitoring results), unless waived by the State Water Board. Compliance with the gross alpha MCL is determined by excluding the values for radon and uranium. The State Water Board considers 50 pCi/L to be the level of concern for beta particles. The MCL for radium is for the combination of the "226" and "228" isotopes.

**(b) The turbidity level** of the filtered water shall be less than or equal to 0.3 NTU (Nephelometric Turbidity Units) in 95 percent of the measurements taken each month and shall not exceed 1.0 NTU for more than eight consecutive hours or 1 NTU for more than one continuous hour and none of the 4-hour interval readings shall exceed 1 NTU.

Turbidity is a measure of the cloudiness of the water. The Authority monitors turbidity because it is a good indicator of the effectiveness of our filtration system.

**(c) Quarterly UCMR3** monitoring was conducted in 2014-2015. UCMR3 monitoring consisted of 28 List 1 and List 2 chemicals. Of these, only chlorate, vanadium, molybdenum, and strontium were detected. In addition to UCMR3, the Authority routinely monitors for vanadium as an unregulated contaminant and for chlorate as part of the Disinfection By-products Rule.--

**Quarterly UCMR4** monitoring was conducted in 2018 - 2019 for the 17 List 1 chemicals and the 11 List 2 chemicals. Of these, only TOC, bromide, manganese, and haloacetic

## FOOTNOTES (CONT.)

acids were detected. For UCMR4, the haloacetic acids are reported in three groups (HAA5, HAA6Br, and HAA9), as follows:

**HAA5** equals the sum of monochloroacetic acid, dichloroacetic acid, trichloroacetic acid, monobromoacetic acid, and dibromoacetic acid.

**HAA6Br** equals the sum of monobromoacetic acid, dibromoacetic acid, bromochloroacetic acid, bromodichloroacetic acid, chlorodibromoacetic acid, and tribromoacetic acid.

**HAA9** equals the sum of monochloroacetic acid, dichloroacetic acid, trichloroacetic acid, monobromoacetic acid, dibromoacetic acid, bromochloroacetic acid, bromodichloroacetic acid, chlorodibromoacetic acid, and tribromoacetic acid.

In addition to UCMR4, the Authority routinely monitors for HAA5 and TOC as part of the Disinfection By-products Rule.

**(d)** Please note, starting in 2016, the State Water Board required California public water systems to be in simultaneous compliance with both the CA TCR and the Federal RTCR criteria listed below.

**State of California Total Coliform Rule (CA TCR)** - Total coliform MCL: No more than 5.0% of the monthly samples may be total coliform positive. Acute coliform (E.coli) MCL: A routine sample and a repeat sample are total coliform positive, and one of these is also E.coli positive. The Authority did not violate either MCL in 2020. Results are based on the distribution system's highest monthly percent positives. Compliance is based on the combined distribution system sampling from all treatment plants. In 2020, 1,872 samples were analyzed. Please note the State Water Board, DDW is in the process of formerly adopting the Federal RTCR into California's Drinking Water Regulations.





**Federal Revised Total Coliform Rule (RTCRC)** - Total Coliform TT trigger, Level 1 assessments, and total coliform TT violations: More than 5.0% total coliform positive samples

in a month trigger a Level 1 assessment. Failure to conduct an assessment and take corrective action within 30 days is a total coliform violation. In 2020, no triggers, Level 1 assessments, or violations occurred.

E.coli MCL and Level 2 TT triggers for assessments: Routine and repeat samples are total coliform positive and either sample is E.coli positive or the system fails to collect all repeat samples following an E.coli positive sample, or fails to test for E.coli when the repeat sample is total coliform positive. In 2020, no samples were E.coli positive and no MCL violations or assessments occurred.

## 5 UNDERSTANDING WATER

Water quality standards are measured in “parts per million” or “parts per billion.” But those terms can be difficult to relate to, and it’s hard to know what they mean. This chart can help you visualize the proportions in terms of some ordinary items.

ITEM		PARTS PER MILLION	PARTS PER BILLION
Linear Measure		1 inch in 15.78 miles	1 inch in 15,780 miles
Time		1 minute in 1.9 years	1 minute in 1,902 years
Money		1 cent in \$10,000	1 cent in \$10 million
1 drop of water		1 drop in a half-full bathtub	1 drop in an Olympic-size swimming pool

Source: U.S. EPA;  
Alaska Department of Environmental Conservation;  
Sweetwater Authority





## A CLEAN WATER SUPPLY IS THE NORM THANKS TO MODERN WATER TREATMENT

Modern treatment techniques have improved water supplies to the point where people often take the safety of tap water for granted.

However, ensuring water quality is a big commitment. Local and regional water agencies work around-the-clock to make sure customers have safe, reliable drinking water.

A century ago, however, many people did not have access to safe, reliable water. That was why filtration and chlorination systems were first installed in municipal water systems.

That seemingly basic service made a profound difference; U.S. life expectancy increased and child mortality decreased. Once-common diseases such as cholera and typhoid have been essentially wiped out.

Continuous advances in technology have allowed water agencies to adopt increasingly sophisticated ways of preventing harmful levels of bacteria and chemicals from fouling water supplies.

Federal and state agencies oversee the testing process, periodically setting more stringent safeguards. Over the past 30 years, the number of regulated contaminants in potable water has nearly quadrupled; and contaminant levels that once were measured in parts per million are now traced to parts per billion – giving consumers an even greater margin of safety.

The entire process has delivered a major public health benefit, a real value that customers help pay for a little at a time.

### ***Public water providers just charge what it costs to deliver safe supplies***

Every few months when corporations publicly announce their revenues, shareholders expect a big return. Some multi-national energy companies routinely post annual profits in the billions.

Not so for the public agencies which deliver another crucial resource – water – right to your home or business every day. They make \$0 profit annually. In fact, agencies



such as the Authority are legally required to charge only what it costs to treat and deliver drinking water.

All the money collected is invested into the pumps, pipes, and other elements of the water system. The system is complex, and includes securing supplies; pumping, moving, treating, and testing water; maintaining and financing infrastructure; and establishing financial reserves for emergencies and paying for environmental enhancements or mitigation.

Related costs have grown over time due to a variety of factors, such as increases in the price of energy and treatment chemicals. Local water suppliers are also strategically increasing the use of local sources, such as recycled water and groundwater, to buffer our region from shortages.

In all those efforts, customers of public water agencies can be confident that they are paying the actual costs of

providing safe and reliable water service – a real value day in and day out.

The Authority is committed to maintaining a safe and reliable supply of drinking water for current and future customers.



**SWEETWATER AUTHORITY**  
505 Garrett Avenue  
Chula Vista, CA 91910  
(619) 420-1413

## APPENDIX B: eCCR Certification Form (Suggested Format)

### Consumer Confidence Report Certification Form

(To be submitted with a copy of the CCR)

Water System Name:	Sweetwater Authority
Water System Number:	3710025

The water system named above hereby certifies that its Consumer Confidence Report was distributed on June 3, 2021 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 (DDW).

Certified by:

Name: Leslie Payne	Title: Public Affairs Manager
Signature: <i>Leslie Payne</i>	Date: June 10, 2021
Phone number: 619-409-6723	blank

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

- CCR was distributed by mail or other direct delivery methods (attach description of other direct delivery methods used).
- CCR was distributed using electronic delivery methods described in the Guidance for Electronic Delivery of the Consumer Confidence Report (water systems utilizing electronic delivery methods must complete the second page).
- "Good faith" efforts were used to reach non-bill paying consumers. Those efforts included the following methods:
  - Posting the CCR at the following URL: [www.sweetwater.org/wqreport](http://www.sweetwater.org/wqreport)
  - 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)
- Publication of the CCR in the electronic city newsletter or electronic community newsletter or listserv (attach a copy of the article or notice)
- Electronic announcement of CCR availability via social media outlets (attach list of social media outlets utilized) Facebook and Twitter
- 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 URL: [www.sweetwater.org/wqreport](http://www.sweetwater.org/wqreport)
- For privately-owned utilities:* Delivered the CCR to the California Public Utilities Commission

### **Consumer Confidence Report Electronic Delivery Certification**

*Water systems utilizing electronic distribution methods for CCR delivery must complete this page by checking all items that apply and fill-in where appropriate.*

- Water system mailed a notification that the CCR is available and provides a direct URL to the CCR on a publicly available website where it can be viewed (attach a copy of the mailed CCR notification). URL: [www.sweetwater.org/wqreport](http://www.sweetwater.org/wqreport)
- Water system emailed a notification that the CCR is available and provides a direct URL to the CCR on a publicly available site on the Internet where it can be viewed (attach a copy of the emailed CCR notification). URL: www.\_\_\_\_\_
- Water system emailed the CCR as an electronic file email attachment.
- Water system emailed the CCR text and tables inserted or embedded into the body of an email, not as an attachment (attach a copy of the emailed CCR).
- Requires prior DDW review and approval.* Water system utilized other electronic delivery method that meets the direct delivery requirement.

*Provide a brief description of the water system's electronic delivery procedures and include how the water system ensures delivery to customers unable to receive electronic delivery.*

A large format postcard was mailed to all postal patrons in our service area, and it included information about how consumers could access drinking water information. It included direct "friendly" URL's for the English and Spanish versions of the report. Also, a dedicated email address was created for customers to email Sweetwater Authority to

request that a hard copy be mailed. Information about the online CCR was included on the website, and social media (Facebook and Twitter). Customers can call Sweetwater Authority at 619-420-1413 to request copies of the report in English or Spanish.

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

# Postage Statement—USPS Marketing Mail

Transaction Number: 202115415281740 M1	CAPS / EPS Transaction Number: 71441497	Postage Statement Number: 431668242
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Mailing Group	Mailing Group ID <b>312358585</b>	Mailing Job Number <b>25112SWT</b>	Open Date <b>06-03-2021</b>
	Preparer <b>TRANSAMERICAN MAILING &amp; FULFILLMENT</b>	Origin <b>Mail.dat</b>	Close Date
	Job Description <b>SWEETWATER 2021 WATER</b>		

Mailer	Permit Holder's Name and Address and Email Address, if Any  <b>TRANSAMERICAN MAILING &amp; FULFILLMENT 355 STATE PL ESCONDIDO, CA 92029-1359 Contact Name: ELIDIA MORA (760)745-5343 elidia@transdirect.com</b>	Name and Address of Mailing Agent (If other than permit holder)  <b>TRANSAMERICAN MAILING &amp; FULFILLMENT 355 STATE PL ESCONDIDO, CA 92029-1359</b>	Name and Address of Individual or Organization for Which Mailing is Prepared (If other than permit holder)  <b>SWEETWATER AUTHORITY 505 GARRETT AVE CHULA VISTA, CA 91910-5584</b>
	CAPS Customer Ref. No: 2021 WATER QUAL REPORT WO25112  CRID: 5156355	CRID: 5156355	CRID: 2417903

Mailing	Post Office of Mailing SAN DIEGO CA 92199-9602	Processing Category <b>Letters</b>	Mailer's Mailing Date <b>06/03/21</b>	Federal Agency Cost Code	Statement Seq. No.	No. & Type of Containers  Sacks: 0 1 ft. Letter Trays: 11 2 ft. Letter Trays: 28 EMM Letter Trays: 0 Flat Trays: 0 Pallets: 1 Other: 0	
	Type of Postage <b>Permit Imprint</b>		SSF Transaction ID #		Total # of Pieces in Mailing <b>65,730</b>		
			Weight of a Single Piece <b>0.0184 lbs.</b>	Combined Mailing	Total Weight <b>1209.4320 lbs.</b>		
	Permit # <b>2339</b>	For Mail Enclosed Within Another Class <input type="checkbox"/> Bound Printed Matter <input type="checkbox"/> Library Mail <input type="checkbox"/> Periodicals <input type="checkbox"/> Media Mail		[ ] Mailpiece is a product sample. _____ % Samples			
	For Automation Rate Pieces, Enter Date of Address Matching and Coding <b>05/10/21</b>	For Carrier Route Pieces, Enter Date of Address Matching and Coding <b>05/10/21</b>	For Carrier Route Pieces, Enter Date of Carrier Route Sequencing <b>06/03/20</b>	For Pieces Bearing a Simplified Address Enter Date of Delivery Statistics File or Alternative Method _____/_____/_____			
	Move Update Method: <b>NCOALink</b>						
This is a Political Campaign Mailing No		This is Official Election Mail No		[ ] Letter-size or flat mailpiece contains DVD/CD or other disc.			

Postage	Parts Completed <b>A, B, C</b>		
	<b>Subtotal Postage (Add parts totals)</b>	\$10,916.54	
	Complete if the mailing includes pieces bearing metered/PC Postage or precanceled stamps. Rate at Which Postage Affixed (Check one) <input type="checkbox"/> Correct <input type="checkbox"/> Lowest <input type="checkbox"/> Neither	_____ pcs. x \$ _____ = <b>Postage Affixed</b>	\$0.000
	Incentive/Discount Flat Dollar Amount	_____	\$-197.17
	Fee	_____	\$0.00
	<b>Net Postage Due</b>		\$10,916.54
	<b>For USPS Use Only: Additional Postage Payment (State reason)</b>		
<b>Total USPS Adjusted Postage</b>		\$10,916.54	

Certification	Incentive/Discount Claimed: N/A	Type of Fee: N/A
	The mailer certifies acceptance of liability for and agreement to pay any revenue deficiencies assessed on this mailing, subject to appeal. If an agent certifies that he or she is authorized on behalf of the mailer then that mailer is bound by the certification and agrees to pay any deficiencies. In addition, agents may be liable for any deficiencies resulting from matters within their responsibility, knowledge, or control. The mailer hereby certifies that all information furnished on this form is accurate, truthful, and complete; that the mail and the supporting documentation comply with all postal standards and that the mailing qualifies for the prices and fees claimed; and that the mailing does not contain any matter prohibited by law or postal regulation. I understand that anyone who furnishes false or misleading information on this form or who omits information requested on this form may be subject to criminal and/or civil penalties, including fines and imprisonment. Privacy Notice: For information regarding our Privacy Policy visit <a href="http://www.usps.com">www.usps.com</a>	

This postage statement was verified and accepted under the PostalOne! program. No postal signature or round stamp is required.



# Part A

**Automation Letters**

**Letters 3.5 oz (0.2188 lbs) or less**

Entry	Price	Price	No. of Pieces	Subtotal Postage	Discount Total*	Fee Total	Total Postage	
Category								
A8	DSCF	AADC	\$0.261	326	\$85.0860	\$-0.9780	\$0.0000	\$84.1080

A9	<b>Part A Total (Add lines A1-A8)</b>							\$84.1080
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**Full Service Intelligent Mail Option**

A10	DISPLAY ONLY Letters - Number of Pieces that Comply 326.0 x 0.003 =						\$0.9780
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\* May contain both Full Service Intelligent Mail and other discounts

# Part B

**Nonautomation Letters**

**Machinable Letters 3.5 oz (0.2188 lbs) or less**

Entry	Price	Price	No. of Pieces	Subtotal Postage	Discount Total	Fee Total	Total Postage	
Category								
B5	DSCF	AADC	\$0.278	6	\$1.6680	\$0.0000	\$0.0000	\$1.6680

B28	<b>Part B Total (Add lines B1 - B27)</b>							\$1.6680
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# Part C

**Carrier Route Letters**

**(Automation) Letters 3.5 oz. (0.2188 lbs.) or less**

Entry	Price	Price	No. of Pieces	Subtotal Postage	Discount Total*	Fee Total	Total Postage	
Category								
C9	DSCF	Saturation	\$0.168	63,966	\$10,746.2880	\$-191.8980	\$0.0000	\$10,554.3900
C11	DSCF	High Density	\$0.196	1,432	\$280.6720	\$-4.2960	\$0.0000	\$276.3760

C46	<b>Part C Total (Add lines C1-C45)</b>							\$10,830.76 60
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**Full Service Intelligent Mail Option**

C47	DISPLAY ONLY Letters - Number of Pieces that Comply 65398.0 x 0.003 =						\$196.1940
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\* May contain both Full Service Intelligent Mail and other discounts

This postage statement was verified and accepted under the PostalOne! program. No postal signature or round stamp is required.