NOTE: The data below represents drinking water samples that were collected on Feb 8, 2014 by EPA Sample Team 1. Water sample measurements are in micrograms per liter (µg/L) and micrograms per liter (mg/L) for drinking water samples. The data is being compared to EPA and State Maximum Contaminant Levels (MCLs) and other health based levels when an MCL is not available. To date, there have been no samples that have exceeded drinking water levels. This sample represents the same water that is being delivered to your tap. Specific qualifiers and footnotes are listed below the summary table.

Analyte	Human Health Screening Standard for Drinking Water Samples[1]		Danville WTP		S Boston WTP Lab	
Sample Information						
Sample ID	-		EDEN-DWTP-FINISH-20140208		EDEN-SBWTP-FINISH-20140208	
Date	-		2/8/2014		2/8/2014	
Time	-		1130		1315	
Status	-		Stage 2A Validated		Stage 2A Validated	
Type	-		Drinking Water		Drinking Water	
Dissolved metals						
Aluminum	47,000	µg/L	9.33J	µg/L	17.8	µg/L
Antimony	6	µg/L	5.00U	µg/L	5.00U	µg/L
Arsenic	5	µg/L	5.00U	µg/L	5.00U	µg/L
Barium	2,000	µg/L	24.3	µg/L	22.8	µg/L
Beryllium	4	µg/L	1.00U	µg/L	1.00U	µg/L
Boron	9,300	µg/L	0.110	mg/L	0.0813	mg/L
Cadmium	5	µg/L	0.700U	µg/L	0.700U	µg/L
Calcium	Essential nutrient		9,970	µg/L	7,100	µg/L
Chromium	3	µg/L	5.00U	µg/L	5.00U	µg/L
Cobalt	14	µg/L	5.00U	µg/L	5.00U	µg/L
Copper	1,300	µg/L	2.28J+	µg/L	2.00U	µg/L
Iron	33,000	µg/L	100U	µg/L	100U	µg/L
Lead	15	µg/L	1.00U	µg/L	1.00U	µg/L
Magnesium	Essential nutrient		2,500	µg/L	2,580	µg/L
Manganese	970	µg/L	0.842J	µg/L	5.00U	µg/L
Mercury	2	µg/L	0.00020U	mg/L*	0.00020U	mg/L*
Molybdenum	78	µg/L	5.00U	µg/L	5.00U	µg/L
Nickel	910	µg/L	5.00U	µg/L	5.00U	µg/L
Potassium	Essential nutrient		1,570	µg/L	1,710	µg/L
Selenium	50	µg/L	5.00U	µg/L	5.00U	µg/L
Silica	-	-	6.91	mg/L	5.91	mg/L
Silver	210	µg/L	1.00U	µg/L	1.00U	µg/L
Sodium	Essential nutrient		5,050	µg/L	31,800	µg/L
Thallium	0.5	µg/L	1.00U	µg/L	1.00U	µg/L
Vanadium	190	µg/L	5.00U	µg/L	5.00U	µg/L
Zinc	14,000	µg/L	10.0U	µg/L	10.0U	µg/L
Total Dissolved Solids						
Total Dissolved Solids	-	-	84J+	mg/L	158J+	mg/L
Total Suspended Solids						
Total Suspended Solids	-	-	5.0U	mg/L	5.0U	mg/L

Analyte	Human Health Screening Standard for Drinking Water Samples[1]		Danville WTP		S Boston WTP Lab	
Total Metals						
Aluminum	47,000	µg/L	16.4J+	µg/L	29.4J+	µg/L
Antimony	6	µg/L	5.00U	µg/L	5.00U	µg/L
Arsenic	5	µg/L	5.00U	µg/L	5.00U	µg/L
Barium	2,000	µg/L	24.2	µg/L	24.4	µg/L
Beryllium	4	µg/L	1.00U	µg/L	1.00U	µg/L
Boron	-	-	0.111J+	mg/L	0.0820J+	mg/L
Cadmium	5	µg/L	0.700U	µg/L	0.700U	µg/L
Calcium	Essential nutrient		9,840	µg/L	7,210	µg/L
Chromium	3	µg/L	1.39J	µg/L	0.546J	µg/L
Cobalt	14	µg/L	5.00U	µg/L	5.00U	µg/L
Copper	1,300	µg/L	2.57	µg/L	2.00U	µg/L
Iron	33,000	µg/L	100U	µg/L	100U	µg/L
Lead	15	µg/L	1.00U	µg/L	1.00U	µg/L
Magnesium	Essential nutrient		2,410	µg/L	2,600J-	µg/L
Manganese	970	µg/L	3.21J	µg/L	1.22J	µg/L
Mercury	2	µg/L	0.00020U	mg/L*	0.00020U	mg/L*
Molybdenum	78	µg/L	5.00U	µg/L	5.00U	µg/L
Nickel	910	µg/L	5.00U	µg/L	5.00U	µg/L
Potassium	Essential nutrient		1,520	µg/L	1,680	µg/L
Selenium	50	µg/L	5.00U	µg/L	5.00U	µg/L
Silica	-	-	6.62	mg/L	5.95	mg/L
Silver	210	µg/L	1.00U	µg/L	1.00U	µg/L
Sodium	Essential nutrient		4,870	µg/L	31,900	µg/L
Thallium	0.5	µg/L	1.00U	µg/L	1.00U	µg/L
Vanadium	190	µg/L	5.00U	µg/L	5.00U	µg/L
Zinc	14,000	µg/L	10.0U	µg/L	10.0U	µg/L
Anions						
Bromide	-	-	1.0U	mg/L	1.0U	mg/L
Chloride	250	mg/L	9.6	mg/L	13	mg/L
Sulfate	250	mg/L	11	mg/L	50J-	mg/L

Analyte	Human Health Screening Standard for Drinking Water Samples[1]		Danville WTP		S Boston WTP Lab	
Wet Chemistry						
Alkalinity, Total (As CaCO3)	-	-	47.0	mg/L	52.2	mg/L
Hardness, Calcium/Magnesium (As CaCO3)	-	-	34.5	mg/L	28.7	mg/L
Organic Carbon, Dissolved	-	-	3.81J+	mg/L	2.82J+	mg/L
pH	-	-	6.89J	std	7.08J	std

Notes

[1]	Value obtained from EPA Maximum Contaminant Level (MCL), Removal Management Levels, Secondary MCL, and Lifetime Health Advisory values
EPA	U.S. Environmental Protection Agency
J	Value is estimated
J+	Value is estimated with a possible high bias
µg/L	micrograms per liter
mg/L	milligrams per liter
std	standard
U	Analyte was not detected at the listed reporting limit.
*	The units for Mercury were originally reported as µg/L. The correct units are mg/L. This table was updated on 2/27/14 to reflect the correction.