

NOTE: The data below represents drinking water samples that were collected on Feb 6, 2014 by EPA sampling teams. Water sample measurement is in micrograms per liter (ug/L) for drinking water samples. The data is being compared to EPA and State Maximum Contaminant Levels (MCLs) and other health based levels. 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 <sup>1</sup>		Danville WTP	
<b>Sample Information</b>				
Sample ID	-		EDEN-DANVILLEWTP-FINISH-20140206	
Date	-		2/6/2014	
Time	-		1510	
Status	-		Validated Stage 2A	
Type	-		Drinking Water <sup>5</sup>	
<b>Water Quality</b>				
Temperature	-		-	-
Dissolved Oxygen	-		-	-
Specific Conductance	-		-	-
pH	-		-	-
Turbidity	-		-	-
<b>Dissolved metals</b>				
Aluminum	47,000	µg/L	6.4J	µg/L
Antimony	6	µg/L	1.0U	µg/L
Arsenic	5	µg/L	1.0U	µg/L
Barium	2,000	µg/L	26.3	µg/L
Beryllium	4	µg/L	1.0U	µg/L
Boron	9,300	µg/L	89.3	µg/L
Cadmium	5	µg/L	1.0U	µg/L
Calcium	Essential nutrient		10,400	µg/L
Chromium	3	µg/L	1.0U	µg/L
Cobalt	14	µg/L	1.0U	µg/L
Copper	1,300	µg/L	1.8	µg/L
Iron	33,000	µg/L	50U	µg/L
Lead	15	µg/L	1.0U	µg/L
Magnesium	Essential nutrient		2,590	µg/L
Manganese	970	µg/L	0.77J	µg/L

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Mercury	2	µg/L	0.2U	µg/L
Molybdenum	78	µg/L	10U	µg/L
Nickel	910	µg/L	1.0U	µg/L
Potassium	Essential nutrient		1,480	µg/L
Selenium	50	µg/L	1.0U	µg/L
Silica	-	-	13,900	µg/L
Silver	210	µg/L	0.10U	µg/L
Sodium	Essential nutrient		5,630	µg/L
Thallium	0.5	µg/L	1.0U	µg/L
Vanadium	190	µg/L	0.72J	µg/L
Zinc	14,000	µg/L	3.7J	µg/L
<b>Total Suspended Solids</b>	<b>SM 2540D</b>			
Total Suspended Solids	-	-	2.8U	mg/L
<b>Total Metals</b>	<b>EPA 200.7/200.8/245.1</b>			
Aluminum	47,000	µg/L	19.4J	µg/L
Antimony	6	µg/L	1.0U	µg/L
Arsenic	5	µg/L	1.0U	µg/L
Barium	2,000	µg/L	25.6	µg/L
Beryllium	4	µg/L	1.0U	µg/L
Boron	-	-	89.4	µg/L
Cadmium	5	µg/L	1.0U	µg/L
Calcium	Essential nutrient		10,600	µg/L
Chromium	3	µg/L	1.0U	µg/L
Cobalt	14	µg/L	1.0U	µg/L
Copper	1,300	µg/L	2.2	µg/L
Iron	33,000	µg/L	50U	µg/L
Lead	15	µg/L	1.0U	µg/L
Magnesium	Essential nutrient		2,600	µg/L
Manganese	970	µg/L	2.1	µg/L
Mercury	2	µg/L	0.2U	µg/L
Molybdenum	78	µg/L	10U	µg/L
Nickel	910	µg/L	1.0U	µg/L
Potassium	Essential nutrient		1,440	µg/L
Selenium	50	µg/L	1.0U	µg/L
Silica	-	-	13,400	µg/L
Silver	210	µg/L	0.10U	µg/L
Sodium	Essential nutrient		5,560	µg/L
Thallium	0.5	µg/L	1.0U	µg/L
Vanadium	190	µg/L	0.68J	µg/L
Zinc	14,000	µg/L	3.5J	µg/L

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<b>Anions</b>				
<b>EPA 300</b>				
Bromide	-	-	0.10U	mg/L
Chloride	250	mg/L	10.3	mg/L
Nitrate Nitrogen <sup>3</sup>	10	mg/L	-	-
Nitrite Nitrogen <sup>4</sup>	1	mg/L	-	-
Sulfate	250	mg/L	10.2	mg/L
Orthophosphate	-	-	0.26	mg/L
<b>Nutrients</b>				
<b>EPA 350.1/351.2/365.4</b>				
Ammonia Nitrogen	30	mg/L	-	-
Total Kjeldhal Nitrogen	-	-	-	-
Phosphorus	-	-	-	-

Notes

- <sup>1</sup> Value obtained from EPA Maximum Contaminant Level (MCL), Removal Management Levels, Secondary MCL, and Lifetime Health Advisory values
- <sup>3</sup> Value listed is for Nitrate.
- <sup>4</sup> Value listed is for Nitrite.
- <sup>5</sup> Only compared to Human Health Screening Values
- R Instrument calibration error; monitoring result rejected
- °C degrees Celsius
- 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
- mS/cm millisiemens/centimeter
- NTU Nephelometric turbidity units
- std standard
- U Analyte was not detected above the listed reporting limit.