

Table 1: Summary of Source Well PW-6 Analytical Results
Lhoist North America Natividad Plant, Water System I.D. No. 270 - 2259 (Source Well -006)
11771 Old Stage Road, Salinas, California

Analyte	Date	Results in ppm (unless otherwise noted)	MCL in ppm (mg/L)
PRIMARY INORGANICS			
Aluminum (Al)	05/26/20	< 0.05	1.0 (0.2 ²)
	05/15/17	< 0.05	
	11/20/08	< 1.0	
	11/23/05	< 1.0	
	11/04/02	< 1.0	
Antimony (Sb)	05/26/20	< 0.006	0.006
	05/15/17	< 0.006	
	11/20/08	< 0.006	
	11/23/05	< 0.006	
	11/04/02	< 0.006	
Arsenic (As)	05/26/20	0.002	0.01
	05/15/17	0.002	
	11/20/08	< 0.01	
	11/23/05	< 0.01	
	11/04/02	< 0.01	
Barium (Ba)	05/26/20	0.073	1.0
	05/15/17	< 1.0	
	11/20/08	< 1.0	
	11/23/05	< 1.0	
	11/04/02	< 1.0	
Beryllium (Be)	05-26-2020	< 0.001	0.004
	05-15-2017	< 0.001	
	11/20/08	<0.000001	
	11/23/05	<0.000001	
	11/04/02	<0.000001	
Boron (B)	11/20/08	< 0.1	0.1
	11/04/02	< 0.1	
Cadmium (Cd)	05/26/20	< 0.001	0.005
	05/15/17	< 0.001	
	11/20/08	< 0.005	
	11/23/05	< 0.005	
	11/04/02	< 0.005	
Chromium (Cr)	05/26/20	0.002	0.05
	05/15/17	< 0.01	
	11/20/08	< 0.05	
	11/23/05	< 0.05	
	11/04/02	< 0.05	
Hexavalent Chromium (Cr ⁺⁶)	09/27/19	< 0.001	0.01 0.01
	8/17/17	< 0.001	
	09/23/14	< 0.001	
	04/28/03	470	
	11/04/02	860	
Copper (Cu)	8/23/2021 to 8/25/2021	0.102	50
	11/20/08	< 50	
	11/20/08	< 50	
	11/04/02	< 50	
Cyanide	05/15/17	< 0.1	0.15
	11/20/08	< 0.15	
	11/23/05	< 0.15	
	11/04/02	< 0.15	
Fluoride (F)	05/26/20	0.14	2.0
	05/15/17	0.24	
Lead (Pb)	8/23/2021 to 8/25/2021 (taps)	0.003	*AL: 0.015 (taps)
	5/26/2020 (well)	< 0.005	NA (well)
	5/15/2017 (well)	< 0.005	NA (well)
Mercury (Hg)	05/26/20	< 0.001	0.002
	05/15/17	< 0.001	
Nickel (Ni)	05/26/20	0.001	0.1
	05/15/17	< 0.01	
	05/26/20	< 0.4	
	12/04/18	< 0.4	
	09/24/18	< 0.4	

Analyte	Date	Results in ppm (unless otherwise noted)	MCL in ppm (mg/L)
Nitrite (as N)	05/24/18	< 0.4	1.0
	01/30/17	< 0.4	
	11/25/13	< 0.4	
	06/04/13	< 0.4	
	12/11/12	< 0.4	
	06/20/12	< 0.4	
	12/09/11	< 0.4	
Nitrate+Nitrite (as N)	12/04/18	9.9	10
	09/24/18	9.4	
	11/25/13	7.4	
	06/04/13	7.7	
	12/11/12	7.4	
	06/20/12	7.6	
Nitrate (as N)	12/20/22	11.9*	10
	09/09/22	10.6*	
	06/27/22	11.7*	
	03/24/22	11.2*	
	12/07/21	11.2*	
	09/29/21	10.8*	
	06/17/21	10.4	
	04/08/21	10.6*	
	12/18/20	10.4	
	09/28/20	10.4	
	06/02/20	10.6*	
	05/26/20	10.8*	
	03/12/20	10.1	
	02/18/20	10.4	
	11/12/19	10.4	
	08/19/19	9.7	
	05/24/19	9.9	
	02/08/19	9.7	
	12/04/18	9.9	
	09/24/18	9.4	
	08/07/18	9.4	
	05/24/18	9.4	
	02/20/18	9.0	
	12/19/17	8.8	
	09/26/17	8.3	
	06/22/17	7.6	
	04/11/17	7.9	
	01/30/17	5.8	
	12/20/16	7.9	
	08/29/16	7.6	
	06/27/16	7.6	
	02/26/16	7.9	
	12/18/15	7.4	
09/30/15	7.4		
06/04/13	< 10		
11/25/13	< 10		
06/20/12	< 10		
12/11/12	< 10		
12/09/11	< 10		
Nitrate (as NO ₃)	12/07/21	50	45
	09/29/21	48	
	06/17/21	46	
	04/08/21	47	
	12/18/20	46	
	09/28/20	46	
	05/26/20	48	
	03/13/20	45	
	02/02/20	46	
	11/19/19	46	
	05/24/19	44	
	12/08/18	44	
	05/24/18	42	
	02/20/18	40	
	12/19/17	39	
02/27/15	32		

Analyte	Date	Results in ppm (unless otherwise noted)	MCL in ppm (mg/L)
	05/29/15	32	
	09/30/15	33	
	03/27/14	33	
	06/26/14	31	
	09/23/14	33	
	12/17/14	32	
	06/04/13	34	
	11/25/13	33	
	06/20/12	34	
	12/11/12	33	
	12/09/11	34	
Perchlorate	05/26/20	< 0.004	0.006
	08/17/17	< 0.004	
	09/23/14	< 0.004	
Selenium (Se)	05/26/20	0.004	0.05
	05/15/17	< 0.005	
Silver (Ag)	--		0.01
Thallium (Tl)	05/26/2020	< 0.001	0.002
	05/15/17	< 0.001	
SECONDARY / GENERAL MINERAL & PHYSICAL			
Bicarbonate Alk. (as HCO ₃)			--
Carbonate Alk. (as CO ₃)	11/4/02	< 120	120
Calcium (Ca)	11/4/02	57000	--
Chloride (Cl)	11/4/02	78	500 ²
MBAS (Surfactants)	11/20/08	< 0.025	
	11/04/02	< 0.02	
Magnesium (Mg)	11/4/02	0.035	--
Manganese (Mn)	11/04/02	< 0.015	0.05 ²
Potassium (K)	11/04/02	2200	--
Sodium (Na)	11/04/02	40	--
Sulfate (SO ₄)	11/04/02	13	500 ²
Iron _{Total} (Fe)	07/19/06	< 0.05	0.3 ²
	11/04/02	< 0.05	
Total Hardness (as CaCO ₃)	11/04/02	285	--
Total Alkalinity (as CaCO ₃)	11/04/02	230	--
Total Dissolved Solids	11/04/02	0.45	1,000 ²
Zinc (Zn)	11/20/08	< 5.0	5
	11/23/05	< 5.0	
	11/04/02	< 5.0	
OTHER			

Analyte	Date	Results in ppm (unless otherwise noted)	MCL in ppm (mg/L)
pH value	7/19/06	7.7	6.5 - 8.5
	11/4/02	7.6	
Conductivity (microsiemens/cm)	5/26/20	800	1,600 $\mu\text{S}/\text{cm}^2$
	8/17/17	770	
	9/23/14	740	
Color (Co/Pt) (Units)	11/4/02	5	15 Co/Pt
Odor T.O.N (Threshold Number)	11/4/02	< 3	3 T.O.N. ²
Turbidity (NTU)	11/4/02	0.04	5 NTU ²
Synthetic Organic Compounds	2/2/10	All ND	varies
	2/28/07	All ND	
	3/6/03	All ND	
Deltamethrin / Tralomethrin Pesticides			0.000002
Volatile Organic Compounds	9/23/14	All ND	Varies
	11/20/08	All ND	
	11/23/05	All ND	
	11/4/02	All ND	
1,2,3 Trichloropropane (TCP)	06/27/22	ND	0.000005
	12/08/18	ND	
	05/24/18	ND	
Gross Alpha	08/29/16	< 3	15 pCi/L
	05/21/07	1.35	
	02/28/07	1.46	
	11/29/06	1.100	

NOTES:

** = Reporting units for Nitrates were modified by the State Water Resources Control Board's Division of Drinking Water from Nitrate (as NO₃) to Nitrate (as Nitrogen), effective by no later than January 1, 2016. Note: the change applies merely to reporting units. The MCL was not made more stringent.

² = Secondary MCLs are set to protect the odor, taste, and appearance of drinking water and DO NOT affect health at that established level.

Maximum Contaminant Level (MCL) = United States Environmental Protection Agency, National Primary Drinking Water Regulations, revised July 1, 2014

* EPA Action Levels (AL) are shown for analytes which do not have an MCL

ND = Not Detected at or above the laboratory's Reporting Limit

-- = Not Analyzed or Not Applicable

parts per million (ppm) = milligrams per liter (mg/L)

pCi/L = picocuries per liter

** By EPA Method 524.2. All Non-Detect (ND), MCLs and PHGs are different for each compound.

1,2,3- TCP = 1,2,3-Trichloropropane

*** Prior to January 1, 2015 Chromium VI was regulated under the Total Chromium Limit of 50 ug/L.

**** The USEPA approved a new Arsenic MCL standard of 10 ug/L and the state implemented this beginning January 2006.

**** The CDPH approved a Hexavalent Chromium MCL standard of 10 ug/L and the state implemented this beginning July 2014.

¹ All compounds have not been detected (Non-Detect = ND). MCLs & PHGs are different for each compound. MCL for 1,2,3-TCP was adopted by the State Water Board DDW Jan 2018 requiring initial sampling.

Based on discussions with MCHD staff and review of weather, the 11/4/02 Chromium VI samples are classified as dry season samples, and the 4/28/03 Chromium VI samples are classified as wet season samples.

Source water for the dedicated Potable Water System is from well PW-6 only.