



CENTRAL COAST WATER AUTHORITY
OLONIO PASS WATER TREATMENT PLANT
WATER QUALITY TABLE
 COVERING THE REPORTING PERIOD OF JANUARY-DECEMBER 2024

Please see last page for key to abbreviations.

| Parameter | Units | State MCL [MRDL] | PHG (MCLG) | State DLR (MRL) | Range Average | TREATED | SOURCE | Major Sources in Drinking Water |
|-----------|-------|------------------|------------|-----------------|---------------|---------|-------------|---------------------------------|
| | | | | | | CCWA | STATE WATER | |

PRIMARY STANDARDS--Mandatory Health-Related Standards

CLARITY (a)

| | | | | | | |
|--|-----|---|-------|-------------|----|-------------|
| Combined Filter Effluent Turbidity (a) | NTU | TT=<1 NTU every 4 hours TT=95% of samples <0.3 NTU | Range | 0.04 - 0.15 | NA | Soil runoff |
| | | | % | 100% | NA | |

INORGANIC CHEMICALS

| | | | | | | | | |
|---------------------|------|--------|-----|------|---------|------------|--------------|---|
| Aluminum | mg/L | 1 (b) | 0.6 | 0.05 | Range | ND - 0.071 | 0.055 - 0.12 | Erosion of natural deposits; residual from some surface water treatment processes |
| | | | | | Average | ND | | |
| Nitrate as Nitrogen | mg/L | 10 (h) | 10 | 0.4 | Range | 0.53 | 0.47 | Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits |
| | | | | | Average | 0.53 | | |

RADIONUCLIDES

| | | | | | | | | |
|---------|-------|----|-----|---|---------|----|-----|-----------------------------|
| Uranium | pCi/L | 20 | 400 | 1 | Range | ND | 1.4 | Erosion of natural deposits |
| | | | | | Average | ND | | |

DISTRIBUTION SYSTEM MONITORING

| | | | | | | | | | |
|---------------------------|------|------------|-------------|---------|--------------|-------------|----|---|----|
| Total Chlorine Residual | mg/L | MRDL = 4.0 | MRDLG = 4.0 | NA | Range | 0.18 - 3.84 | NA | Drinking water disinfectant added for treatment | |
| | | | | | Average | 2.85 | | | NA |
| Total Coliform Bacteria | -- | (c) | (0) | -- | Range | 0 | NA | Naturally present in the environment | |
| | | | | | Average | 0 | | | NA |
| | | | | | Highest | 0% | | | NA |
| E.coli (c) | -- | 0 | (0) | -- | Range | 0 | NA | Human and animal fecal waste | |
| | | | | | Average | 0 | | | NA |
| | | | | | Highest | 0% | | | NA |
| Total Trihalomethanes (d) | ug/L | 80 | NA | (0.5) | Range | 22 - 76 | NA | By-product of drinking water chlorination | |
| | | | | | Average | 47 | | | NA |
| | | | | | Highest LRAA | 60.8 | | | NA |
| Haloacetic Acids (d) | ug/L | 60 | NA | (1) (e) | Range | 8.1 - 25 | NA | By-product of drinking water chlorination | |
| | | | | | Average | 15 | | | NA |
| | | | | | Highest LRAA | 22.5 | | | NA |

SECONDARY STANDARDS--Aesthetic Standards

| | | | | | | | | |
|--------------------------------------|-------|---------------|----|--------|---------|-----------|-----------|---|
| Chloride | mg/L | 500 (j) | NA | (1) | Range | 30 - 138 | 24 - 135 | Runoff/leaching from natural deposits; seawater influence |
| | | | | | Average | 62 | | |
| Color | ACU | 15 (j) | NA | (3) | Range | 3 | 15 | Naturally occurring organic materials |
| | | | | | Average | 3 | | |
| Corrosivity (Aggressivity Index) (i) | SU | non-corrosive | NA | (0.1) | Range | 12 | 12 | |
| | | | | | Average | 12 | | |
| Iron, Total | mg/L | 0.3 (j) | NA | (0.01) | Range | ND | 0.110 | Leaching from natural deposits; industrial wastes |
| | | | | | Average | ND | | |
| Magnesium, Total | mg/L | NA | NA | (0.1) | Range | 13 | 11 | Runoff/leaching from natural deposits; seawater influence |
| | | | | | Average | 13 | | |
| Manganese, Total | ug/L | 50 (j) | NA | (2) | Range | ND | 32 | |
| | | | | | Average | ND | | |
| Odor Threshold | TON | 3 (j) | NA | (1) | Range | ND | 17 | Naturally occurring organic materials |
| | | | | | Average | ND | | |
| Specific Conductance | uS/cm | 1600 (j) | NA | NA | Range | 273 - 718 | 236 - 672 | Substances that form ions when in water; seawater influence |
| | | | | | Average | 422 | | |
| Sulfate | mg/L | 500 (j) | NA | (0.5) | Range | 60 | 43 | Runoff/leaching from natural deposits; industrial wastes |
| | | | | | Average | 60 | | |
| Total Dissolved Solids (TDS) | mg/L | 1000 (j) | NA | (10) | Range | 270 | 260 | Runoff/leaching from natural deposits |
| | | | | | Average | 270 | | |
| Turbidity (Monthly) (a) | NTU | 5 (j) | NA | (0.1) | Range | ND - 0.18 | 0.34 - 11 | Soil runoff |
| | | | | | Average | 0.06 | | |

| Parameter | Units | State MCL [MRDL] | PHG (MCLG) | State DLR (MRL) | Range Average | TREATED | SOURCE | Major Sources in Drinking Water |
|-----------|-------|------------------|------------|-----------------|---------------|---------|-------------|---------------------------------|
| | | | | | | CCWA | STATE WATER | |

ADDITIONAL PARAMETERS (Unregulated)

| | | | | | | | | |
|---|--------|----|------|---------|---------|-----------|-----------|---|
| Alkalinity (Total) as CaCO ₃ equivalents | mg/L | NA | NA | (2) | Range | 40 - 80 | 52 - 90 | Runoff/leaching from natural deposits; seawater influence |
| | | | | | Average | 64 | 68 | |
| Anion Sum - Calculated | meq/L | NA | NA | (0.001) | Range | 4.6 | 4.2 | |
| | | | | | Average | 4.6 | 4.2 | |
| Bicarbonate Alkalinity as CaCO ₃ | mg/L | NA | NA | (2) | Range | 66 | 71 | |
| | | | | | Average | 66 | 71 | |
| Calcium | mg/L | NA | NA | (1) | Range | 23 | 20 | Runoff/leaching from natural deposits; seawater influence |
| | | | | | Average | 23 | 20 | |
| Cation Sum - Calculated | meq/L | NA | NA | (0.001) | Range | 4.8 | 3.9 | |
| | | | | | Average | 4.8 | 3.9 | |
| Chromium, Hexavalent | ug/L | 10 | 0.02 | 0.1 | Range | 0.099 | 0.093 | Discharge from electroplating factories, leather tanneries, wood preservation, chemical synthesis, refractory production, and textile manufacturing facilities; erosion of natural deposits |
| | | | | | Average | 0.099 | 0.093 | |
| Hardness (Total) as CaCO ₃ | mg/L | NA | NA | (3) | Range | 35 - 148 | 32 - 146 | Leaching from natural deposits |
| | | | | | Average | 88 | 88 | |
| Heterotrophic Plate Count (f) | CFU/mL | TT | NA | NA | Range | 0 - 15 | NA | HPC measures a range of bacteria that are naturally present in the environment |
| | | | | | Average | 1 | NA | |
| Langelier Index @ 25 °C | NONE | NA | NA | (-14) | Range | -0.16 | -0.19 | |
| | | | | | Average | -0.16 | -0.19 | |
| Magnesium, Total | mg/L | NA | NA | (0.1) | Range | 13 | 11 | Runoff/leaching from natural deposits; seawater influence |
| | | | | | Average | 13 | 11 | |
| pH | SU | NA | NA | (0.1) | Range | 7.6 - 8.8 | 7.7 - 9.3 | Runoff/leaching from natural deposits; seawater influence |
| | | | | | Average | 8.4 | 8.5 | |
| Potassium | mg/L | NA | NA | (1) | Range | 3.5 | 3.2 | Runoff/leaching from natural deposits; seawater influence |
| | | | | | Average | 3.5 | 3.2 | |
| Sodium | mg/L | NA | NA | (1) | Range | 57 | 43 | Runoff/leaching from natural deposits; seawater influence |
| | | | | | Average | 57 | 43 | |
| Total Organic Carbon (TOC) (g) | mg/L | TT | NA | (0.3) | Range | 1.2 - 2.5 | 1.8 - 4.5 | Various natural and man made sources |
| | | | | | Average | 1.9 | 3.0 | |

ABBREVIATIONS AND NOTES

Footnotes:

- (a) Turbidity (NTU) is a measure of the cloudiness of the water and it is a good indicator of the effectiveness of our filtration system. Monthly turbidity values are listed in the Secondary Standards section.
- (b) Aluminum has a Secondary MCL of 0.2 ppm.
- (c) *Level 1 treatment technique triggers:* Systems that collect ≥40 samples/month, no more than 5.0% of the monthly samples may be Total Coliform positive. Systems that collect <40 samples per month, no more than one positive sample per month may be Total Coliform positive.
Level 2 treatment technique triggers: System has an E. coli MCL violation, has a second Level 1 treatment technique trigger within a rolling 12-month period, or the system with reduced annual monitoring has a Level 1 treatment technique trigger in two consecutive years.
E. coli MCLs: The occurrence of 2 consecutive Total Coliform positive samples, one of which contains E. coli, constitutes an acute MCL violation.
- (d) Compliance based on the running quarterly annual average of distribution system samples.
- (e) Monochloroacetic Acid (MCAA) has a DLR of 2.0 ug/L while the other four Haloacetic Acids have DLR's of 1.0 ug/L.
- (f) Pour plate technique
- (g) TOCs are taken at the treatment plant's combined filter effluent.
- (h) State MCL is 45 mg/L as NO₃, which equals 10 mg/L as N.
- (i) AI ³ 12.0 = Non-aggressive water
AI (10.0 - 11.9) = Moderately aggressive water
AI £ 10.0 = Highly aggressive water
Reference: ANSI/AWWA Standard C400-93 (R98)
- (j) Secondary MCL

Abbreviations

- ACU = Apparent Color Units
- CCWA = Central Coast Water Authority
- CFU/ml = Colony Forming Units per milliliter
- DLR = Detection Level for purposes of Reporting
- MCL = Maximum Contaminant Level
- MCLG = Maximum Contaminant Level Goal
- MRDL = Maximum Residual Disinfectant Level
- MRDLG = Maximum Residual Disinfectant Level Goal
- NA = Not Applicable
- ND = Non-detected above detection limit (DLR)
- NTU = Nephelometric Turbidity Units
- pCi/L = PicoCuries per liter
- PHG = Public Health Goal
- ppb = parts per billion, or micrograms per liter (µg/L)
- ppm = parts per million, or milligrams per liter (mg/L)
- TON = Threshold Odor Number
- TT = Treatment Technique
- LRAA = Locational Running Annual Average

Central Coast Water Authority 2024 Non-Detect Table

| Parameter | Units | State or Federal MCL [MRDL] | PHG (MCLG) [MRDLG] | State DLR (MRL) | Raw Source Water | | Treated Water | | Major Sources in Drinking Water |
|---|-------|-----------------------------|--------------------|-----------------|-------------------------|--------|-------------------------|--------|---|
| | | | | | State Water Project | | Polonio Pass WTP | | |
| | | | | | Most Recent Sample Date | Result | Most Recent Sample Date | Result | |
| RADIONUCLIDES | | | | | | | | | |
| Gross Alpha Particle | pCi/L | 15 | (0) | 3 | 5/15/2024 | ND | 5/15/2024 | ND | Erosion of natural deposits |
| Gross Beta Particle (g) | pCi/L | 50 (g) | (0) | 4 | 5/15/2024 | ND | 5/15/2024 | ND | Decay of natural and man-made deposits |
| ORGANIC CHEMICALS | | | | | | | | | |
| Regulated VOC's plus Lists 1&3 (EPA 524.2) | | | | | | | | | |
| 1,1,1-Trichloroethane | ug/L | 200 | 1000 | 0.5 | 5/15/2024 | ND | 5/15/2024 | ND | Discharge from metal degreasing sites and other factories; manufacture of food wrappings |
| 1,1,2,2-Tetrachloroethane | ug/L | 1 | 0.1 | 0.5 | 5/15/2024 | ND | 5/15/2024 | ND | Discharge from industrial and agricultural chemical factories; solvent used in production of TCE, pesticides, varnish and lacquers |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | mg/L | 1.2 | 4 | 0.01 | 5/15/2024 | ND | 5/15/2024 | ND | Discharge from metal degreasing sites and other factories; dry cleaning solvent; refrigerant |
| 1,1,2-Trichloroethane | ug/L | 5 | 0.3 | 0.5 | 5/15/2024 | ND | 5/15/2024 | ND | Discharge from industrial chemical factories |
| 1,1-Dichloroethane | ug/L | 5 | 3 | 0.5 | 5/15/2024 | ND | 5/15/2024 | ND | Extraction and degreasing solvent; used in manufacture of pharmaceuticals, stone, clay and glass products; fumigant |
| 1,1-Dichloroethylene | ug/L | 6 | 10 | 0.5 | 5/15/2024 | ND | 5/15/2024 | ND | Discharge from industrial chemical factories |
| 1,2,3-Trichloropropane | ng/L | 5 (e) | 0.7 | 5 | 3/21/2024 | ND | 3/21/2024 | ND | Discharge from industrial and agricultural chemical factories; leaching from hazardous waste sites; used as cleaning and maintenance solvent, paint and varnish remover, and cleaning and degreasing agent; byproduct during the production of other compounds and pesticides |
| 1,2,4-Trichlorobenzene | ug/L | 5 | 5 | 0.5 | 5/15/2024 | ND | 5/15/2024 | ND | Discharge from textile-finishing factories |
| Ethylene dibromide | ng/L | 50 | 10 | 20 | 5/15/2024 | ND | 5/15/2024 | ND | Discharge from petroleum refineries; underground gas tank leaks; banned nematocide that may still be present in soils due to runoff and leaching from grain and fruit crops |
| 1,2-Dichlorobenzene | ug/L | 600 | 600 | 0.5 | 5/15/2024 | ND | 5/15/2024 | ND | Discharge from industrial chemical factories |
| 1,2-Dichloroethane | ng/L | 500 | 400 | 0.5 | 5/15/2024 | ND | 5/15/2024 | ND | Discharge from industrial chemical factories |
| 1,2-Dichloropropane | ug/L | 5 | 0.5 | 0.5 | 5/15/2024 | ND | 5/15/2024 | ND | Discharge from industrial chemical factories; primary component of some fumigants |
| 1,4-Dichlorobenzene | ug/L | 5 | 6 | 0.5 | 5/15/2024 | ND | 5/15/2024 | ND | Discharge from industrial chemical factories |
| Benzene | ug/L | 1 | 0.15 | 0.5 | 5/15/2024 | ND | 5/15/2024 | ND | Discharge from plastics, dyes and nylon factories; leaching from gas storage tanks and landfills |
| Carbon tetrachloride | ng/L | 500 | 100 | 500 | 5/15/2024 | ND | 5/15/2024 | ND | Discharge from chemical plants and other industrial activities |
| Chlorobenzene | ug/L | 70 | 200 | (0.5) | 5/15/2024 | ND | 5/15/2024 | ND | |
| cis-1,2-Dichloroethylene | ug/L | 6 | 100 | 0.5 | 5/15/2024 | ND | 5/15/2024 | ND | Discharge from industrial chemical factories; major biodegradation by-product of TCE and PCE groundwater contamination |
| cis-1,3-Dichloropropene | ug/L | NA | NA | (0.5) | 5/15/2024 | ND | 5/15/2024 | ND | Runoff/leaching from nematocide used on croplands |
| Ethylbenzene | ug/L | 300 | 300 | 0.5 | 5/15/2024 | ND | 5/15/2024 | ND | Discharge from petroleum refineries; industrial chemical factories |
| Dichloromethane | ug/L | 5 | 4 | 0.5 | 5/15/2024 | ND | 5/15/2024 | ND | Discharge from pharmaceutical and chemical factories; insecticide |
| Methyl tert-butyl ether (a) | ug/L | 13 (b) | 13 | 3 | 5/15/2024 | ND | 5/15/2024 | ND | Leaking underground storage tanks; discharge from petroleum and chemical factories |
| o-Xylene | ug/L | NA | NA | (0.5) | 5/15/2024 | ND | 5/15/2024 | ND | Discharge from petroleum and chemical factories; fuel solvent |
| Styrene | ug/L | 100 | 0.5 | 0.5 | 5/15/2024 | ND | 5/15/2024 | ND | Discharge from rubber and plastic factories; leaching from landfills |
| Tetrachloroethylene | ug/L | 5 | 0.06 | 0.5 | 5/15/2024 | ND | 5/15/2024 | ND | Discharge from factories, dry cleaners, and auto shops (metal degreaser) |
| Toluene | ug/L | 150 | 150 | 0.5 | 5/15/2024 | ND | 5/15/2024 | ND | Discharge from petroleum and chemical factories; underground gas tank leaks |
| 1,3-Dichloropropene, Total | ng/L | 500 | 200 | 500 | 5/15/2024 | ND | 5/15/2024 | ND | Runoff/leaching from nematocide used on croplands |

Central Coast Water Authority 2024 Non-Detect Table

| Parameter | Units | State or Federal MCL [MRDL] | PHG (MCLG) [MRDLG] | State DLR (MRL) | Raw Source Water | | Treated Water | | Major Sources in Drinking Water |
|---|-------|-----------------------------|--------------------|-----------------|-------------------------|--------|-------------------------|--------|---|
| | | | | | State Water Project | | Polonio Pass WTP | | |
| | | | | | Most Recent Sample Date | Result | Most Recent Sample Date | Result | |
| Total Xylenes | mg/L | 1.750 | 1.8 | 0.0005 | 5/15/2024 | ND | 5/15/2024 | ND | Discharge from petroleum and chemical factories; fuel solvent |
| trans-1,2-Dichloroethylene | ug/L | 10 | 60 | 0.5 | 5/15/2024 | ND | 5/15/2024 | ND | Discharge from industrial chemical factories; minor biodegradation by-product of TCE and PCE groundwater contamination |
| trans-1,3-Dichloropropene | ug/L | NA | NA | (0.5) | 5/15/2024 | ND | 5/15/2024 | ND | Runoff/leaching from nematocide used on croplands |
| Trichloroethylene | ug/L | 5 | 1.7 | 0.5 | 5/15/2024 | ND | 5/15/2024 | ND | Discharge from metal degreasing sites and other factories |
| Trichlorofluoromethane | ug/L | 150 | 1300 | 5 | 5/15/2024 | ND | 5/15/2024 | ND | Discharge from industrial factories; degreasing solvent; propellant and refrigerant |
| Vinyl chloride | ng/L | 500 | 50 | 500 | 5/15/2024 | ND | 5/15/2024 | ND | Leaching from PVC piping; discharge from plastics factories; biodegradation by-product of TCE and PCE groundwater contamination |
| Organochlorine Pesticides/PCBs (EPA 505) | | | | | | | | | |
| Alachlor | ug/L | 2 | 4 | 1 | 5/15/2024 | ND | 5/15/2024 | ND | Runoff from herbicide used on row crops |
| Aldrin | ug/L | NA | NA | (0.01) | 3/21/2024 | ND | 3/21/2024 | ND | |
| Chlordane | ng/L | 100 | 30 | 100 | 3/21/2024 | ND | 3/21/2024 | ND | Residue of banned insecticide |
| Dieldrin | ug/L | NA | NA | (0.2) | 3/21/2024 | ND | 3/21/2024 | ND | |
| Endrin | ug/L | 2 | 0.3 | 0.1 | 3/21/2024 | ND | 3/21/2024 | ND | Residue of banned insecticide and rodenticide |
| Heptachlor | ng/L | 10 | 8 | 10 | 3/21/2024 | ND | 3/21/2024 | ND | Residue of banned insecticide |
| Heptachlor epoxide | ng/L | 10 | 6 | 10 | 3/21/2024 | ND | 3/21/2024 | ND | Breakdown of heptachlor |
| Lindane | ng/L | 200 | 32 | 200 | 3/21/2024 | ND | 3/21/2024 | ND | Runoff/leaching from insecticide used on cattle, lumber, gardens |
| Methoxychlor | ug/L | 30 | 0.09 | 10 | 3/21/2024 | ND | 3/21/2024 | ND | Runoff/leaching from insecticide used on fruits, vegetables, alfalfa, livestock |
| PCB 1016 Aroclor (as DCB) | ug/L | 0.5 | NA | (0.1) | 3/21/2024 | ND | 3/21/2024 | ND | Runoff from landfills; discharge of waste chemicals |
| PCB 1221 Aroclor (as DCB) | ug/L | 0.5 | NA | (0.1) | 3/21/2024 | ND | 3/21/2024 | ND | Runoff from landfills; discharge of waste chemicals |
| PCB 1232 Aroclor (as DCB) | ug/L | 0.5 | NA | (0.1) | 3/21/2024 | ND | 3/21/2024 | ND | Runoff from landfills; discharge of waste chemicals |
| PCB 1242 Aroclor (as DCB) | ug/L | 0.5 | NA | (0.1) | 3/21/2024 | ND | 3/21/2024 | ND | Runoff from landfills; discharge of waste chemicals |
| PCB 1248 Aroclor (as DCB) | ug/L | 0.5 | NA | (0.1) | 3/21/2024 | ND | 3/21/2024 | ND | Runoff from landfills; discharge of waste chemicals |
| PCB 1254 Aroclor (as DCB) | ug/L | 0.5 | NA | (0.1) | 3/21/2024 | ND | 3/21/2024 | ND | Runoff from landfills; discharge of waste chemicals |
| PCB 1260 Aroclor (as DCB) | ug/L | 0.5 | NA | (0.1) | 3/21/2024 | ND | 3/21/2024 | ND | Runoff from landfills; discharge of waste chemicals |
| PCB's, Total | ng/L | 500 | 90 | 500 | 3/21/2024 | ND | 3/21/2024 | ND | Runoff from landfills; discharge of waste chemicals |
| Toxaphene | ug/L | 3 | 0.03 | 1 | 3/21/2024 | ND | 3/21/2024 | ND | Runoff/leaching from insecticide used on cotton and cattle |
| Aldicarb (EPA 531.2) | | | | | | | | | |
| Carbofuran | ug/L | 18 | 0.7 | 5 | 5/15/2024 | ND | 5/15/2024 | ND | Leaching of soil fumigant used on rice and alfalfa, and grape vineyards |
| Oxamyl | ug/L | 50 | 26 | 20 | 5/15/2024 | ND | 5/15/2024 | ND | Runoff/leaching from insecticide used on field crops, fruits and ornamentals, especially apples, potatoes, and tomatoes |
| Diquat and Paraquat (EPA 549.2) | | | | | | | | | |
| Diquat | ug/L | 20 | 6 | 4 | 5/15/2024 | ND | 5/15/2024 | ND | Runoff from herbicide use for terrestrial and aquatic weeds |
| Paraquat | ug/L | NA | NA | (2) | 5/15/2024 | ND | 5/15/2024 | ND | |
| EDB and DBCP (EPA 551.1) | | | | | | | | | |

Central Coast Water Authority 2024 Non-Detect Table

| Parameter | Units | State or Federal MCL [MRDL] | PHG (MCLG) [MRDLG] | State DLR (MRL) | Raw Source Water | | Treated Water | | Major Sources in Drinking Water |
|--|-------|-----------------------------|--------------------|-----------------|-------------------------|--------|-------------------------|--------|---|
| | | | | | State Water Project | | Polonio Pass WTP | | |
| | | | | | Most Recent Sample Date | Result | Most Recent Sample Date | Result | |
| Dibromochloropropane | ug/L | 0.2 | 0.003 | 0.01 | 5/15/2024 | ND | 5/15/2024 | ND | |
| Ethylene dibromide | ng/L | 50 | 10 | 20 | 5/15/2024 | ND | 5/15/2024 | ND | Discharge from petroleum refineries; underground gas tank leaks; banned nematocide that may still be present in soils due to runoff and leaching from grain and fruit crops |
| Chlorophenoxy Herbicides (EPA 515.4) | | | | | | | | | |
| 2,4,5-TP | ug/L | 50 | 3 | 1 | 5/15/2024 | ND | 5/15/2024 | ND | Residue of banned herbicide |
| 2,4-Dichlorophenoxyacetic acid | ug/L | 70 | 20 | 10 | 5/15/2024 | ND | 5/15/2024 | ND | Runoff from herbicide used on row crops, range land, lawns, and aquatic weeds |
| Bentazon | ug/L | 18 | 200 | 2 | 5/15/2024 | ND | 5/15/2024 | ND | Runoff/leaching from herbicide used on beans, peppers, corn, peanuts, rice, and ornamental grasses |
| Dalapon | ug/L | 200 | 790 | 10 | 5/15/2024 | ND | 5/15/2024 | ND | Runoff from herbicide used on rights-of-way, and crops and landscape maintenance |
| Dinoseb | ug/L | 7 | 14 | 2 | 5/15/2024 | ND | 5/15/2024 | ND | Runoff from herbicide used on soybeans, vegetables, and fruits |
| Pentachlorophenol | ug/L | 1 | 0.3 | 0.2 | 5/15/2024 | ND | 5/15/2024 | ND | Discharge from wood preserving factories, cotton and other insecticidal/herbicidal uses |
| Picloram | ug/L | 500 | 166 | 1 | 5/15/2024 | ND | 5/15/2024 | ND | Herbicide runoff |
| Other Synthetic Organics | | | | | | | | | |
| Dioxin | pg/L | 30 | 0.05 | 5 | 5/15/2024 | ND | 5/15/2024 | ND | Emissions from waste incineration and other combustion; discharge from chemical factories |
| Endothall | ug/L | 100 | 94 | 45 | 5/15/2024 | ND | 5/15/2024 | ND | Runoff from herbicide use for terrestrial and aquatic weeds; defoliant |
| Glyphosate | ug/L | 700 | 900 | 25 | 5/15/2024 | ND | 5/15/2024 | ND | Runoff from herbicide use |
| Semivolatiles (EPA 525.2) | | | | | | | | | |
| 4,4-DDD | ug/L | NA | NA | (0.099) | 3/21/2024 | ND | 3/21/2024 | ND | |
| 4,4-DDE | ug/L | NA | NA | (0.099) | 3/21/2024 | ND | 3/21/2024 | ND | |
| 4,4-DDT | ug/L | NA | NA | (0.1) | 3/21/2024 | ND | 3/21/2024 | ND | |
| alpha-BHC | ug/L | NA | NA | (0.5) | 3/21/2024 | ND | 3/21/2024 | ND | |
| Atrazine | ug/L | 1 | 0.15 | 0.5 | 5/15/2024 | ND | 5/15/2024 | ND | Runoff from herbicide used on row crops and along railroad and highway right-of-ways |
| Beta-BHC | ug/L | NA | NA | (0.099) | 3/21/2024 | ND | 3/21/2024 | ND | |
| Benzo (a) pyrene | ng/L | 200 | 7 | 100 | 5/15/2024 | ND | 5/15/2024 | ND | Leaching from linings of water storage tanks and distribution mains |
| Delta-BHC | ug/L | NA | NA | (0.099) | 3/21/2024 | ND | 3/21/2024 | ND | |
| Di (2-Ethylhexyl) phthalate | ug/L | 4 | 12 | 3 | 5/15/2024 | ND | 5/15/2024 | ND | Discharge from rubber and chemical factories; inert ingredient in pesticides |
| Di-(2-Ethylhexyl) adipate | ug/L | 400 | 200 | 5 | 5/15/2024 | ND | 5/15/2024 | ND | Discharge from chemical factories |
| Hexachlorobenzene | ug/L | 1 | 0.03 | 0.5 | 3/21/2024 | ND | 3/21/2024 | ND | Discharge from metal refineries and agricultural chemical factories; by-product of chlorination reactions in wastewater |
| Hexachlorocyclopentadiene | ug/L | 50 | 2 | 1 | 3/21/2024 | ND | 3/21/2024 | ND | Discharge from chemical factories |
| Molinate | ug/L | 20 | 1 | 2 | 5/15/2024 | ND | 5/15/2024 | ND | Runoff/leaching from herbicide used on rice |
| Simazine | ug/L | 4 | 4 | 1 | 5/15/2024 | ND | 5/15/2024 | ND | Herbicide runoff |
| Thiobencarb (a) | ug/L | 70 (h) | 42 | 1 | 5/15/2024 | ND | 5/15/2024 | ND | Runoff/leaching from herbicide used on rice |
| PERFLUORINATED AND POLYFLUORINATED ALKYL SUBSTANCES | | | | | | | | | |
| 11-Chloroicosafuoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS) | ng/L | NA | NA | (2.0) | 8/26/2024 | ND | 8/26/2024 | ND | |

Central Coast Water Authority 2024 Non-Detect Table

| Parameter | Units | State or Federal MCL [MRDL] | PHG (MCLG) [MRDLG] | State DLR (MRL) | Raw Source Water | | Treated Water | | Major Sources in Drinking Water |
|--|-------|-----------------------------|--------------------|-----------------|-------------------------|--------|-------------------------|--------|---|
| | | | | | State Water Project | | Polonio Pass WTP | | |
| | | | | | Most Recent Sample Date | Result | Most Recent Sample Date | Result | |
| 1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS) | ng/L | NA | NA | (2.0) | 8/26/2024 | ND | 8/26/2024 | ND | |
| 1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS) | ng/L | NA | NA | (2.0) | 8/26/2024 | ND | 8/26/2024 | ND | |
| 1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS) | ng/L | NA | NA | (2.0) | 8/26/2024 | ND | 8/26/2024 | ND | |
| 4,8-Dioxa-3H-perfluorononanoic acid (ADONA) | ng/L | NA | NA | (2.0) | 8/26/2024 | ND | 8/26/2024 | ND | |
| 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid(9Cl-PF3ONS) | ng/L | NA | NA | (2.0) | 8/26/2024 | ND | 8/26/2024 | ND | |
| Hexafluoropropylene Oxide Dimer Acid (HFPO-DA/GenX) | ng/L | 10 | (10) | (2.0) | 8/26/2024 | ND | 8/26/2024 | ND | Discharge from manufacturing and industrial chemical facilities, use of certain consumer products, occupational exposures, and certain firefighting activities. |
| Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA) | ng/L | NA | NA | (2.0) | 8/26/2024 | ND | 8/26/2024 | ND | |
| Perfluoro-3-methoxypropanoic acid (PFMPA) | ng/L | NA | NA | (2.0) | 8/26/2024 | ND | 8/26/2024 | ND | |
| Perfluoro-4-methoxybutanoic acid (PFMBA) | ng/L | NA | NA | (2.0) | 8/26/2024 | ND | 8/26/2024 | ND | |
| Perfluorobutanesulfonic acid (PFBS) | ng/L | NA | NA | (2.0) | 8/26/2024 | ND | 8/26/2024 | ND | |
| Perfluorobutanoic acid (PFBA) | ng/L | NA | NA | (2.0) | 8/26/2024 | ND | 8/26/2024 | ND | |
| Perfluorodecanoic acid (PFDA) | ng/L | NA | NA | (2.0) | 8/26/2024 | ND | 8/26/2024 | ND | |
| Perfluorododecanoic acid (PFDoA) | ng/L | NA | NA | (2.0) | 8/26/2024 | ND | 8/26/2024 | ND | |
| Perfluoroheptanesulfonic acid (PFHpS) | ng/L | NA | NA | (2.0) | 8/26/2024 | ND | 8/26/2024 | ND | |
| Perfluoroheptanoic acid (PFHpA) | ng/L | NA | NA | (2.0) | 8/26/2024 | ND | 8/26/2024 | ND | |
| Perfluorohexanesulfonic acid (PFHxS) | ng/L | 10 | (10) | (2.0) | 8/26/2024 | ND | 8/26/2024 | ND | Discharge from manufacturing and industrial chemical facilities, use of certain consumer products, occupational exposures, and certain firefighting activities. |
| Perfluorohexanoic acid (PFHxA) | ng/L | NA | NA | (2.0) | 8/26/2024 | ND | 8/26/2024 | ND | |
| Perfluorononanoic acid (PFNA) | ng/L | 10 | (10) | (2.0) | 8/26/2024 | ND | 8/26/2024 | ND | Discharge from manufacturing and industrial chemical facilities, use of certain consumer products, occupational exposures, and certain firefighting activities. |
| Perfluorooctanesulfonic acid (PFOS) | ng/L | 4.0 | (0) | (2.0) | 8/26/2024 | ND | 8/26/2024 | ND | Discharge from manufacturing and industrial chemical facilities, use of certain consumer products, occupational exposures, and certain firefighting activities. |
| Perfluorooctanoic acid (PFOA) | ng/L | 4.0 | (0) | (2.0) | 8/26/2024 | ND | 8/26/2024 | ND | Discharge from manufacturing and industrial chemical facilities, use of certain consumer products, occupational exposures, and certain firefighting activities. |
| Perfluoropentanesulfonic acid (PFPeS) | ng/L | NA | NA | (2.0) | 8/26/2024 | ND | 8/26/2024 | ND | |
| Perfluoropentanoic acid (PFPeA) | ng/L | NA | NA | (2.0) | 8/26/2024 | ND | 8/26/2024 | ND | |
| Perfluoroundecanoic acid (PFUnA) | ng/L | NA | NA | (2.0) | 8/26/2024 | ND | 8/26/2024 | ND | |
| INORGANIC CHEMICALS | | | | | | | | | |
| Alkalinity, Carbonate as CaCO ₃ | mg/L | NA | NA | (2) | 5/15/2024 | ND | 5/15/2024 | ND | |
| Antimony, Total | ug/L | 6 | 1 | 6 | 5/15/2024 | ND | 5/15/2024 | ND | Discharge from petroleum refineries; fire retardants; ceramics; electronics; solder |
| Asbestos | MFL | 7 | 7 | 0.2 | 5/15/2024 | ND | 5/15/2024 | ND | Internal corrosion of asbestos cement water mains; erosion of natural deposits |
| Arsenic, Total | ug/L | 10 | 0.004 | 2 | 5/15/2024 | ND | 5/15/2024 | ND | Erosion of natural deposits; runoff from orchards; glass and electronics production wastes |
| Barium, Total | mg/L | 1 | 2 | 0.1 | 5/15/2024 | ND | 5/15/2024 | ND | Discharges of oil drilling wastes and from metal refineries; erosion of natural deposits |
| Beryllium, Total | ug/L | 4 | 1 | 1 | 5/15/2024 | ND | 5/15/2024 | ND | Discharge from metal refineries, coal-burning factories, and electrical, aerospace, defense industries |

Central Coast Water Authority 2024 Non-Detect Table

| Parameter | Units | State or Federal MCL [MRDL] | PHG (MCLG) [MRDLG] | State DLR (MRL) | Raw Source Water | | Treated Water | | Major Sources in Drinking Water |
|---------------------|-------|-----------------------------|--------------------|-----------------|-------------------------|--------|-------------------------|--------|--|
| | | | | | State Water Project | | Polonio Pass WTP | | |
| | | | | | Most Recent Sample Date | Result | Most Recent Sample Date | Result | |
| Cadmium, Total | ug/L | 5 | 0.04 | 1 | 5/15/2024 | ND | 5/15/2024 | ND | Internal corrosion of galvanized pipes; erosion of natural deposits; discharge from electroplating and industrial chemical factories, and metal refineries; runoff from waste batteries and paints |
| Chromium, Total | ug/L | 50 | (100) | 10 | 5/15/2024 | ND | 5/15/2024 | ND | Discharge from steel and pulp mills and chrome plating; erosion of natural deposits |
| Copper (a) | mg/L | 1 (c) (f) | 0.3 | 0.05 | 5/15/2024 | ND | 5/15/2024 | ND | Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives |
| Cyanide | ug/L | 150 | 150 | 100 | 5/15/2024 | ND | 5/15/2024 | ND | Discharge from steel/metal, plastic and fertilizer factories |
| Fluoride | mg/L | 2 | 1 | 0.1 | 5/15/2024 | ND | 5/15/2024 | ND | Erosion of natural deposits; water additive that promotes strong teeth; discharge from fertilizer and aluminum factories |
| Lead | ug/L | (c) | 0.2 | 5 | 5/15/2024 | ND | 5/15/2024 | ND | Internal corrosion of household water plumbing systems; discharges from industrial manufacturers; |
| Mercury | ug/L | 2 | 1.2 | 1 | 5/15/2024 | ND | 5/15/2024 | ND | Erosion of natural deposits; discharge from refineries and factories; runoff from landfills and cropland |
| Nickel, Total | ug/L | 100 | 12 | 10 | 5/15/2024 | ND | 5/15/2024 | ND | Erosion of natural deposits; discharge from metal factories |
| Nitrate as Nitrogen | mg/L | 10 | 10 | 0.4 | 5/15/2024 | ND | 5/15/2024 | ND | Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits |
| Nitrite Nitrogen | mg/L | 1 | 1 | 0.4 | 5/15/2024 | ND | 5/15/2024 | ND | Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural |
| Perchlorate | ug/L | 6 (d) | 1 | 4 | 5/15/2024 | ND | 5/15/2024 | ND | Perchlorate is an inorganic chemical used in solid rocket propellant, fireworks, explosives, flares, |
| Selenium, Total | ug/L | 50 | 30 | 5 | 5/15/2024 | ND | 5/15/2024 | ND | Discharge from petroleum, glass, and metal refineries; erosion of natural deposits; discharge from mines and chemical manufacturers; runoff from livestock lots (feed additive) |
| Silver, Total | ug/L | 100 (f) | NA | (0.5) | 5/15/2024 | ND | 5/15/2024 | ND | Industrial Discharges |
| Thallium, Total | ug/L | 2 | 0.1 | 1 | 5/15/2024 | ND | 5/15/2024 | ND | Leaching from ore-processing sites; discharge from electronics, glass, and drug factories |
| Zinc, Total | mg/L | 5 (f) | NA | (0.02) | 5/15/2024 | ND | 5/15/2024 | ND | Runoff/leaching from natural deposits; industrial wastes |

ABBREVIATIONS AND FOOTNOTES

Abbreviations

| | | | |
|-------|--|-------|---|
| DCPA | Dimethyl Tetrachloroterephthalate | NC | Not Collected |
| DLR | Detection Limits for purposes of Reporting | ND | None Detected above detection limit (DLR) |
| MCL | Maximum Contaminant Level | pCi/L | picoCuries per Liter |
| MCLG | Maximum Contaminant Level Goal | PHG | Public Health Goal |
| MFL | Million Fibers per Liter | ppb | Parts per billion |
| MRDL | Maximum Residual Disinfectant Level | ppm | Parts per million |
| MRDLG | Maximum Residual Disinfectant Level Goal | ppt | Parts per trillion |
| MRL | Minimum Reporting Limit | ppq | Parts per quadrillion |
| NA | Not Applicable | | |

Footnotes

- (a) Copper, MTBE, and thiobencarb have both primary and secondary standards.
- (b) MTBE has a secondary MCL of 5 ppb.
- (c) Lead and copper are regulated as a Treatment Technique under the Lead and Copper Rule. It requires systems to take water samples at the consumers' tap. The action levels, which trigger water systems into taking treatment steps if exceeded in more than 10% of the tap water samples, are 1.3 ppm for copper and 15 ppb for lead.
- (d) The State primary MCL for perchlorate was set at 6 ppb effective October 18, 2007. Perchlorate reporting level is 2 ppb.
- (e) 1,2,3-Trichloropropane is an unregulated contaminant with a notification level of 0.005 ppb
- (f) Secondary MCL.
- (g) Gross beta particle activity MCL is 4 millirem/year annual dose equivalent to the total body or any internal organ. 50pCi/L is used as a screening level.
- (h) Thiobencarb has a secondary MCL of 1 ppb.