# 2024 Consumer Confidence Report

## Water System Information

Water System Name: Youth With a Mission – PWS #04-00001

Report Date: 6/28/25

Type of Water Source(s) in Use: Well/Aquifer

Name and General Location of Source(s): Well 1&2 Youth With a Mission Springs of Living Water

Drinking Water Source Assessment Information: none

Time and Place of Regularly Scheduled Board Meetings for Public Participation: N/A

For More Information, Contact: Ed Matheson (530) 893-6750 ext 403

## About This Report

We test the drinking water quality for many constituents as required by state and federal regulations. This report shows the results of our monitoring for the period of January 1 to December 31, 2024 and may include earlier monitoring data.

## Importance of This Report Statement in Five Non-English Languages (Spanish, Mandarin, Tagalog, Vietnamese, and Hmong)

Language in Spanish: Este informe contiene información muy importante sobre su agua para beber. Favor de comunicarse [Enter Water System’s Name] a [Enter Water System’s Address or Phone Number] para asistirlo en español.

Language in Mandarin: 这份报告含有关于您的饮用水的重要讯息。请用以下地址和电话联系 [Enter Water System Name]以获得中文的帮助: [Enter Water System’s Address][Enter Water System’s Phone Number].

Language in Tagalog: Ang pag-uulat na ito ay naglalaman ng mahalagang impormasyon tungkol sa inyong inuming tubig. Mangyaring makipag-ugnayan sa [Enter Water System’s Name and Address] o tumawag sa [Enter Water System’s Phone Number] para matulungan sa wikang Tagalog.

Language in Vietnamese: Báo cáo này chứa thông tin quan trọng về nước uống của bạn. Xin vui lòng liên hệ [Enter Water System’s Name] tại [Enter Water System’s Address or Phone Number] để được hỗ trợ giúp bằng tiếng Việt.

Language in Hmong: Tsab ntawv no muaj cov ntsiab lus tseem ceeb txog koj cov dej haus. Thov hu rau [Enter Water System’s Name] ntawm [Enter Water System’s Address or Phone Number ] rau kev pab hauv lus Askiv.

## Terms Used in This Report

| **Term** | **Definition** |
| --- | --- |
| Level 1 Assessment | A Level 1 assessment is a study of the water system to identify potential problems and determine (if possible) why total coliform bacteria have been found in our water system. |
| Level 2 Assessment | A Level 2 assessment is a very detailed study of the water system to identify potential problems and determine (if possible) why an *E. coli* MCL violation has occurred and/or why total coliform bacteria have been found in our water system on multiple occasions. |
| Maximum Contaminant Level (MCL) | 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. |
| Maximum Contaminant Level Goal (MCLG) | 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. Environmental Protection Agency (U.S. EPA). |
| Maximum Residual Disinfectant Level (MRDL) | 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. |
| Maximum Residual Disinfectant Level Goal (MRDLG) | 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. |
| Primary Drinking Water Standards (PDWS) | MCLs and MRDLs for contaminants that affect health along with their monitoring and reporting requirements, and water treatment requirements. |
| Public Health Goal(PHG) | 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. |
| Regulatory Action Level(AL) | The concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system must follow. |
| Secondary Drinking Water Standards (SDWS) | MCLs for contaminants that affect taste, odor, or appearance of the drinking water. Contaminants with SDWSs do not affect the health at the MCL levels. |
| Treatment Technique(TT) | A required process intended to reduce the level of a contaminant in drinking water. |
| Variances and Exemptions | Permissions from the State Water Resources Control Board (State Board) to exceed an MCL or not comply with a treatment technique under certain conditions. |
| ND | Not detectable at testing limit. |
| ppm | parts per million or milligrams per liter (mg/L) |
| ppb | parts per billion or micrograms per liter (µg/L) |
| ppt | parts per trillion or nanograms per liter (ng/L) |
| ppq | parts per quadrillion or picogram per liter (pg/L) |
| pCi/L | picocuries per liter (a measure of radiation) |

## Sources of Drinking Water and Contaminants that May Be Present in Source 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.

Contaminants that may be present in source water include:

* Microbial contaminants, such as viruses and bacteria, that 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 byproducts of industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff, agricultural application, and septic systems.
* Radioactive contaminants, that can be naturally-occurring or be the result of oil and gas production and mining activities.

## Regulation of Drinking Water and Bottled Water Quality

In order to ensure that tap water is safe to drink, the U.S. EPA and the State 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.

## About Your Drinking Water Quality

### Drinking Water Contaminants Detected

Tables 1, 2, 3, 4, 5, 6, and 8 list all of the drinking water contaminants that were detected during the most recent sampling for the constituent. The presence of these contaminants in the water does not necessarily indicate that the water poses a health risk. The State Board allows us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not change frequently. Some of the data, though representative of the water quality, are more than one year old. Any violation of an AL, MCL, MRDL, or TT is asterisked. Additional information regarding the violation is provided later in this report.

Table . Sampling Results Showing the Detection of Coliform Bacteria

Complete if bacteria are detected.

| **Microbiological Contaminants**  | **Highest No. of Detections** | **No. of Months in Violation** | **MCL** | **MCLG** | **Typical Source of Bacteria** |
| --- | --- | --- | --- | --- | --- |
| *E. coli* | (In the year)none | none | (a) | 0 | Human and animal fecal waste |

(a) Routine and repeat samples are total coliform-positive and either is *E. coli*-positive or system fails to take repeat samples following *E. coli*-positive routine sample or system fails to analyze total coliform-positive repeat sample for *E. coli*.

Table . Sampling Results Showing the Detection of Lead and Copper

Complete if lead or copper is detected in the last sample set.

| **Lead and Copper**  | **Sample Date** | **No. of Samples Collected** | **90th Percentile Level Detected** | **No. Sites Exceeding AL** | **AL** | **PHG** | **Typical Source of****Contaminant** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Lead (ppb) | 6/4/24 | 5 | 0 | 0 | 15 | 0.2 | Internal corrosion of household water plumbing systems; discharges from industrial manufacturers; erosion of natural deposits |
| Copper (ppm) | 6/4/24 | 5 | 0 | 0 | 1.3 | 0.3 | Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives |

Table . Sampling Results for Sodium and Hardness

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Chemical or Constituent (and reporting units)** | **Sample Date** | **Level Detected** | **Range of Detections** | **MCL** | **PHG (MCLG)** | **Typical Source of Contaminant** |
| Sodium (ppm)Next due 2026Well #1 | 5/2/17 | 22 | 41 | None | None | Salt present in the water and is generally naturally occurring |
| Sodium (ppm)Next due 2026Well #2 | 5/2/17 | 60 | 41 | None | None | Salt present in the water and is generally naturally occurring |
| Hardness (ppm)(Next Due 2026)(well #1) | May 2, 2017 | 212 | 222 | None | None | Sum of polyvalent cations present in the water, generally magnesium and calcium, and are usually naturally occurring |
| Hardness (ppm)(Next Due 2026)(well #2) | May 2, 2017 | 232 | 222 | None | None | Sum of polyvalent cations present in the water, generally magnesium and calcium, and are usually naturally occurring |
| PH (well#1) (well #2) | May 2, 2017 | 7.57.4 | 7.5 | None | None |  |
| **Radioactive Contaminants (next due 2027)** |
| **Chemical or Constituent**(and reporting units) | **Sample** **Date** | **LevelDetected** | **Range of Detections** | **MCL****[MRDL]** | **PHG(MCLG)[MRDLG]** | **Typical Source of Contaminant** |
| Well#1Gross Alpha (pCi/l)Gross Alpha Counting Error (pCi/l)Gross Alpha MDA95 (pCi/L) | 25 May 2018(next due 2027) | 0.435± 1.261.80 | .493± 1.941.82 | 15 | none | Erosion of natural deposits |
| Well#2Gross Alpha (pCi/l)Gross Alpha Counting Error (pCi/l)Gross Alpha MDA95 (pCi/L) | 25 May 2018(next due 2027) | 0.550± 1.311.84 | .493± 1.941.82 | 15 | none | Erosion of natural deposits |
| Well#1Radium 228 (pCi/L)Radium Counting Error (pCi/L)Radium 228 MDA95 | 25 May 2018(next due 2027) | 0.032± 0.6380.383 | .016± 0.450.384 | 1 | (0)³ | Erosion of natural deposits |
| Well#2Radium 228 (pCi/L)Radium Counting Error (pCi/L)Radium 228 MDA95 | 25 May 2018(next due 2027) | 0.000± 0.5400.384 | .016± 0.450.384 | 1 | (0)³ | Erosion of natural deposits |

Table . Detection of Contaminants with a Primary Drinking Water Standard

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Chemical or Constituent****(and****reporting units)** | **Sample Date** | **Level Detected** | **Range of Detections** | **MCL [MRDL]** | **PHG (MCLG) [MRDLG]** | **Typical Source of Contaminant** |
| Nitrate as N (Nitrogen)(well #1) (ug/L)(Next due Once a year) | May 15, 2024 | ND | .4 | 10 | 10 | Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits |
| Nitrate as N (Nitrogen)(well #2) (ug/L)(Next due Once a year) | May 15, 2024 | ND | .4 | 10 | 10 | Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits |
| **GENERAL MINERAL & PHYSICAL** |
| **Chemical or Constituent**(and reporting units) | **Sample Date** | **LevelDetected** | **Range of Detections** | **MCL[MRDL]** | **PHG(MCLG)[MRDLG]** | **Typical Source of Contaminant** |
| Total Hardness (as CaCO3) mg/L 232 1 Well #1 Well #2 | May 2, 2017(next due 2026) | 212232 |  | none | none |  |
| Magnesium (Mg) mg/L20 1 Well #1 Well #2 | May 2, 2017(next due 2026) | 1720 |  |  |  |  |
| Sodium (Na) mg/L Well #1 Well #2 | May 2, 2017(next due 2026) | 2228 |  |  |  |  |
| Potassium (K) mg/L Well #1 Well #2 | May 2, 2017(next due 2026) | 22 |  |  |  |  |
| Total Cations meg/L  Well #1 Well #2 | May 2, 2017(next due 2026) | 5.95.9 |  |  |  |  |
| Total Alkalinity (as CaCO3) mg/L Well #1 Well #2 | May 2, 2017(next due 2026) | 150160 |  |  |  |  |
| Hydroxide (OH) mg/L  Well #1 Well #2 | May 2, 2017(next due 2026) | NDND |  |  |  |  |
| Carbonate (CO3) mg/L Well #1 Well #2 | May 2, 2017(next due 2026) | NDND |  |  |  |  |
| Bicarbonate (HCO3) mg/L Well #1 Well #2 | May 2, 2017(next due 2026) | 180200 |  |  |  |  |
| Sulfate (SO4) mg/L Well #1 Well #2 | May 2, 2017(next due 2026) | 87.789.7 |  | \* 2250-500-600 |  | Runoff/leaching from natural deposits; industrial wastes |
| Chloride (Cl) mg/L  Well #1 Well #2 | May 2, 2017(next due 2026) | 720 |  | 20 |  |  |
| Nitrate (NO3) mg/L  Well #1 Well #2 | May 15, 2024(next due 2026) | ND |  | 45 |  |  |
| Fluoride (F) mg/L  Well #1 Well #2 | May 2, 2017(next due 2026) | 720 |  | \* 2250-500-600 |  | Runoff/leaching from natural deposits; seawater influence |
| Total Anions meg/L Well #1 Well #2 | May 2, 2017(next due 2026) | 5.05.7 |  |  |  |  |
| pH (Std units) Well #1 Well #2 | May 2, 2017(next due 2026) | 7.57.4 |  |  |  |  |
| Specific Conductance (E.C.) Well #1 Well #2 | May 2, 2017(next due 2026) | 503571 |  | \*\* 2 900-1600-2200 |  | Substances that form ions when in water; seawater influence |
|  |  |  |  | umhos/cm2 |  |  |
| Total Filterable Residue mg/L  Well#1 Well #2 | May 2, 2017(next due 2026) | 390410 |  | \*\*\* 2500-1000-1500 |  |  |
| MBAS mg/L 38260 ND 0.05 Well#1 Well #2 | May 2, 2017(next due 2026) | ND |  | 0.5² |  |  |

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| --- |
| **additional inOrganics chemicals** |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Chemical or Constituent**(and reporting units) | **Sample Date** | **LevelDetected** | **Range of Detections** | **MCL[MRDL]** | **PHG(MCLG)[MRDLG]** | **Typical Source of Contaminant** |
| Vanadium (ug/L) Well#1 Well #2(Due next 2026) | May 2, 2017(next due 2026) | ND |  | --- |  |  |
| Boron ug/L  Well #1 Well #2(Due next 2026) | May 2, 2017(next due 2026) | 200300 |  | --- |  |  |
| Langelier Index at 20 °C  Well #1 Well #2(Due next 2026) | May 2, 2017(next due 2026) | -0.02-0.08 |  |  |  |  |
| Nitrate as N (Nitrogen) mg/L  Well #1 Well #2(Due next 2026) | May 14, 2024(next due 2026) | ND |  | 10 |  | Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits |
| Nitrate + Nitrite as N mg/L Well #1 Well #2(Due next 2026) | May 2, 2017(next due 2026) | ND |  | 10 |  | Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits |
| Sodium Adsorption Ratio (SAR) mg/L Well #1 Well #2 | May 2, 2017(next due 2026) | 0.70.8 |  |  |  |  |
| Aggressiveness Index 82383 11.8 Well #1 Well #2(Due next 2026) | May 2, 2017(next due 2026) | 11.811.8 |  |  |  |  |
| Perchlorate ug/L  Well #1 Well #2(Due next 2026) | May 2, 2017(next due 2026) | ND |  | 6 |  |  |
| Fluoride (F)  (well #1&2)(Due next 2026) | May 2, 2017(next due 2026) | 0.2ppm |  | 2.0 | 1 | Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories |
| Aluminum | May 14, 2019(Due next 2028) | ND |  | 1 | 0.6 | Erosion of natural deposits; residue from some surface water treatment processes |
| Arsenic (well #1&2) | May 14, 2019(Due next 2028) | ND |  | 10 | 0.004 | Erosion of natural deposits; runoff from orchards; glass and electronics production wastes |
| Antimony | May 14, 2019(Due next 2028) | ND |  | 6 | 1 | Discharge from petroleum refineries; fire retardants; ceramics; electronics; solder |
| Boron | May 14, 2019(Due next 2028) | .3ppm |  | 1ppm |  |  |
| Barium | May 14, 2019(Due next 2028) | ND |  | 1 | 2 | Discharge of oil drilling wastes and from metal refineries; erosion of natural deposits |
| Beryllium | May 14, 2019(Due next 2028) | ND |  | 4 | 1 | Discharge from metal refineries, coal-burning factories, and electrical, aerospace, and defense industries |
| Cadmium | May 14, 2019(Due next 2028) | ND |  | 5 | 0.04 |  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 |
| Glyphosate well 1&2 (example..Round-up) | May 17, 2023 | ND |  | 700 | 900 | Runoff from herbicide use |
| Mercury (inorganic) (well 1&2) | May 14, 2019(Due next 2028) | ND |  | 2 | 1.2 | Erosion of natural deposits; discharge from refineries and factories; runoff from landfills and cropland |
| Nickel (well 1 & 2) | May 14, 2019(Due next 2028) | ND |  | 100 | 12 | Erosion of natural deposits; discharge from metal factories |
| Perchlorate (well #1&2) | May 17, 2023 | ND |  | 6 | 1 | Perchlorate is an inorganic chemical used in solid rocket propellant, fireworks, explosives, flares, matches, and a variety of industries. It usually gets into drinking water as a result of environmental contamination from historic aerospace or other industrial operations that used or use, store, or dispose of perchlorate and its salts. |
| Selenium (well#1&2) | May 14, 2019(Due next 2028) | ND |  | 50 | 30 | Discharge from petroleum, glass, and metal refineries; erosion of natural deposits; discharge from mines and chemical manufacturers; runoff from livestock lots (feed additive) |
| Thallium (well#1&2) | May 14, 2019(Due next 2028) | ND |  | 2 | 0.1 | Leaching from ore-processing sites; discharge from electronics, glass, and drug factories |
| Total Trihalomethanes ug/L | Aug 15, 2023 | 9 |  | 80 |  | Byproduct of drinking water disinfection |
| **REGULATED inOrganics chemicals** |
| **Chemical or Constituent**(and reporting units) | **Sample Date** | **LevelDetected** | **Range of Detections** | **MCL[MRDL]** | **PHG(MCLG)[MRDLG]** | **Typical Source of Contaminant** |
| Arsenic ug/L  Well #2 | May 17, 2023 | ND |  | 10 |  | Erosion of natural deposits; runoff from orchards; glass and electronics production wastes |
| Arsenic ug/L Well #1 Well #2 | May 12, 2022(next due 2025) | ND |  | 10 |  | Erosion of natural deposits; runoff from orchards; glass and electronics production wastes |
| Copper ug/L Well #1 Well #2 | May 2, 2017(Due next 2028) | ND |  | 1000 2 |  | Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives |
| Zinc ug/L Well #1 Well #2 | May 2, 2017(Due next 2028) | ND |  |  |  | Runoff/leaching from natural deposits; industrial wastes |
| **REGULATED Organics chemicals** |
| **Chemical or Constituent**(and reporting units) | **Sample Date** | **LevelDetected** | **Range of Detections** | **MCL[MRDL]** | **PHG(MCLG)[MRDLG]** | **Typical Source of Contaminant** |
| Bromodichloromethane (ug/L) (well 1) (well 2) | Aug 15, 2023(next due 2025) |  3  |  | --- |  |  |
| Bromoform (well 1) (well 2) | Aug 15, 2023(next due 2025) | ND |  | --- |  |  |
| Chloroform (Trichloromethane) (well 1) (well 2) | Aug 15, 2023(next due 2025) | 3  |  | --- |  |  |
| Dibromochloromethane (well 1) (well 2) |  Aug 15, 2023(next due 2025) | 3  |  | --- |  |  |
| Total Trihalomthanes (THM’STTHM) (well 1) (well 2) | Aug 15, 2023(next due 2025) | 9 |  | 80 |  |  |
| Benzene (ug/L) (well 1) (well 2) | May 14, 2019(next due 2025) | NDND |  | 1 | 0.15 | Discharge from plastics, dyes and nylon factories; leaching from gas storage tanks and landfills |
| Carbon tetrachloride (ug/L) (well 1) (well 2) | May 14, 2019(next due 2025) | NDND |  | 0.5(500) | 100 | Discharge from chemical plants and other industrial activities |
| 1,2-Dichlorobenzene (o-DCB)(ug/L) (well 1) (well 2) | May 14, 2019(next due 2025) | NDND |  | 600 | 600 | Discharge from industrial chemical factories |
| 1,4-Dichlorobenzene (p-DCB)(ug/L) (well 1) (well 2) | May 14, 2019(next due 2025) | NDND |  | 5 | 6 | Discharge from industrial chemical factories |
| 1,1-Dichloroethane (1,1-DCA)(ug/L) (well 1) (well 2) | May 14, 2019(next due 2025) | NDND |  | 5 | 3 | Extraction and degreasing solvent; used in the manufacture of pharmaceuticals, stone, clay, and glass products; fumigant |
| 1,2-Dichloroethane (1,2-DCA)(ug/L) (well 1) (well 2) | May 14, 2019(next due 2025) | NDND |  | 0.5(500) | 400 | Discharge from industrial chemical factories |
| 1,1-Dichloroethylene (1,1-DCE) (ug/L) (well 1&2) | May 14, 2019(next due 2025) | ND |  | 6 | 10 | Discharge from industrial chemical factories |
| cis-1,2-Dichloroethylene (ug/L) (well 1&2)  | May 14, 2019(next due 2025) | ND |  | 6 | 100 | Discharge from industrial chemical factories; major biodegradation byproduct of TCE and PCE groundwater contamination |
| trans-1,2-Dichloroethylene (ug/L) (well 1) (well 2) | May 14, 2019(next due 2025) | NDND |  | 10 | 60 | Discharge from industrial chemical factories; major biodegradation byproduct of TCE and PCE groundwater contamination |
| Dichloromethane (Methylene Chloride) (ug/L) (well 1) (well 2) | May 14, 2019(next due 2025) | NDND |  | 5 | 4 | Discharge from pharmaceutical and chemical factories; insecticide |
| 1,2-Dichloropropane(ug/L) (well 1) (well 2) | May 14, 2019(next due 2025) | NDND |  | 5 | 0.5 | Discharge from industrial chemical factories; primary component of some fumigants |
| Total 1,3-Dichloropropene(ug/L) (well 1&2) | May 22, 2019(next due 2025) | ND |  | 0.5(500) | 200 | Runoff/leaching from nematocide used on croplands |
| Ethyl Benzene (ug/L) (well 1) (well 2) | May 14, 2019(next due 2025) | NDND |  | 300 | 300 | Discharge from petroleum refineries; industrial chemical factories |
| Monochlorobenzene (ug/L) (well 1&2) | May 14, 2019(next due 2025) | ND |  | 70 | 70. | Discharge from industrial and agricultural chemical factories and drycleaning facilities |
| Styrene  (well 1&2)  | May 14, 2019(next due 2025) | ND |  | 100 | 0.5 | Discharge from rubber and plastic factories; leaching from landfills |
| 1,1,2,2-Tetrachloroethane (well 1&2) | May 14, 2019(next due 2025) | ND |  | 1 | 0.5 | Discharge from industrial and agricultural chemical factories; solvent used in production of TCE, pesticides, varnish and lacquers |
| Tetrachloroethylene (PCE) (well 1&2)  | May 14, 2019(next due 2025) | ND |  | 5 | 0.5 | Discharge from factories, dry cleaners, and auto shops (metal degreaser) |
| Toluene (well 1&2)  | May 14, 2019(next due 2025) | ND |  | 150 | 0.5 | Discharge from petroleum and chemical factories; underground gas tank leaks |
| 1,2,4-Trichlorobenzene (well 1&2) | May 14, 2019(next due 2025) | ND |  | 5 | 0.5 | Discharge from textile-finishing factories |
| 1,1,1-Trichloroethane (1,1,1-TCA)  (well 1&2)  | May 14, 2019(next due 2025) | ND |  | 200 | 0.5 | Discharge from metal degreasing sites and other factories; manufacture of food wrappings |
| 1,1,2-Trichloroethane (1,1,1-TCA) (well 1&2)  | May 14, 2019(next due 2025) | ND |  | 5 | 0.5 | Discharge from industrial chemical factories |
| Trichloroethylene (TCE) (well 1&2)  | May 14, 2019(next due 2025) | ND |  | 5 | 0.5 | Discharge from metal degreasing sites and other factories |
| Trichlorofluoromethane (Freon 11) (well 1&2) | May 14, 2019(next due 2025) | ND |  | 150 | 5 |  |
| Trichlorotrifluoroethane (Freon 113) (well 1&2) | May 14, 2019(next due 2025) | ND |  | 1200 | 10 |  |
| Vinyl chloride   (well 1&2) | May 14, 2019(next due 2025) | ND |  | 0.5 | 0.5 | Leaching from PVC piping; discharge from plastics factories; biodegradation byproduct of TCE and PCE groundwater contamination |
| m,p-Xylenes  (well 1&2) | May 14, 2019(next due 2025) | ND |  | 1750 | 0.5 | Discharge from petroleum and chemical factories; fuel solvent |
| o-Xylene  (well 1&2) | May 14, 2019(next due 2025) | ND |  | 1750 | 0.5 | Discharge from petroleum and chemical factories; fuel solvent |
| Total Xylenes (m,p & o) (well 1&2)  | May 14, 2019(next due 2025) | ND |  | 1750 | 0.5 | Discharge from petroleum and chemical factories; fuel solvent |
| Methyl tert-Butyl Ether (MTBE) (well 1&2)  | May 14, 2019(next due 2025) | ND |  | 13 | 3.0 | Leaking underground storage tanks; discharges from petroleum and chemical factories |
| cis-1,3-Dichloropropene (well 1&2)  | May 14, 2019(next due 2025) | ND |  | 0.5 | 0.5 | Discharge from industrial chemical factories; minor biodegradation byproduct of TCE and PCE groundwater contamination |
| trans-1,3-Dichloropropene (well 1&2)  | May 14, 2019(next due 2025) | ND |  | 0.5 | 0.5 | Discharge from industrial chemical factories; minor biodegradation byproduct of TCE and PCE groundwater contamination |
| **unREGULATED Organics chemicals** |
| **Chemical or Constituent**(and reporting units) | **Sample Date** | **LevelDetected** | **Range of Detections** | **MCL[MRDL]** | **PHG(MCLG)[MRDLG]** | **Typical Source of Contaminant** |
| Bromobenzene (well 1&2)  | May 14, 2019(next due 2025) | ND |  | --- | 0.5 |  |
| Bromochloromethane  (well 1&2)  | May 14, 2019(next due 2025) | ND |  | --- | 0.5 |  one of the total trihalomethanes (TTHMs), is formed when chlorine or other disinfectants are used to treat surface water. |
| Bromomethane (Methyl Bromide) (well 1&2)  | May 14, 2019(next due 2025) | ND |  | --- | 0.5 |  |
| n-Butylbenzene  (well 1&2)  | May 14, 2019(next due 2025) | ND |  | --- | 0.5 |  |
| sec-Butylbenzene  (well 1&2) | May 14, 2019(next due 2025) | ND |  | --- | 0.5 |  |
| tert-Butylbenzene  (well 1&2) | May 14, 2019(next due 2025) | ND |  | --- | 0.5 |  |
| Chloroethane  (well 1&2)  | May 14, 2019(next due 2025) | ND |  | --- | 0.5 | found in common household products such as paints, solvents, air fresheners, and deodorant spray |
| Chloromethane (Methyl Chloride) (well 1&2)  | May 14, 2019(next due 2025) | ND |  | --- | 0.5 | found in common household products such as paints, solvents, air fresheners, and deodorant spray |
| 2-Chlorotoluene A-008  (well 1&2)  | May 14, 2019(next due 2025) | ND |  | --- | 0.5 |  |
| 4-Chlorotoluene  (well 1&2)  | May 14, 2019(next due 2025) | ND |  | --- | 0.5 |  |
| Dibromomethane  (well 1&2)  | May 14, 2019(next due 2025) | ND |  | --- | 0.5 |  |
| 1,3-Dichlorobenzene (m-DCB) (well 1&2)  | May 14, 2019(next due 2025) | ND |  | --- | 0.5 |  |
| Dichlorodifluoromethane  (well 1&2)  | May 14, 2019(next due 2025) | ND |  | --- | 0.5 |  |
| 1,3-Dichloropropane (well 1&2)  | May 14, 2019(next due 2025) | ND |  | --- | 0.5 | Runoff/leaching from nematocide used on croplands |
| 2,2-Dichloropropane (well 1&2)  | May 14, 2019(next due 2025) | ND |  | --- | 0.5 | Runoff/leaching from nematocide used on croplands |
| 1,1-Dichloropropene (well 1&2)  | May 14, 2019(next due 2025) | ND |  | --- | 0.5 | Runoff/leaching from nematocide used on croplands |
| Hexachlorobutadiene(well 1&2)  | May 14, 2019(next due 2025) | ND |  | --- | 0.5 |  |
| Isopropylbenzene (Cumene) (well 1&2)  | May 14, 2019(next due 2025) | ND |  | --- | 0.5 |  |
| p-Isopropyltoluene (well 1&2)  | May 14, 2019(next due 2025) | ND |  | --- | 0.5 |  |
| Naphthalene (well 1&2)  | May 14, 2019(next due 2025) | ND |  | --- | 0.5 |  |
| n-Propylbenzene (well 1&2)  | May 14, 2019(next due 2025) | ND |  | --- | 0.5 |  |
| 1,1,1,2-Tetrachloroethane(well 1&2)  | May 14, 2019(next due 2025) | ND |  | --- | 0.5 | Discharge from metal degreasing sites and other factories; manufacture of food wrappings |
| 1,2,3-Trichlorobenzene (well 1&2)  | May 14, 2019(next due 2025) | ND |  | --- | 0.5 | Discharge from textile-finishing factories |
| 1,2,4-Trimethylbenzene(well 1&2)  | May 14, 2019(next due 2025) | ND |  | --- | 0.5 | Discharge from textile-finishing factories |
| 1,3,5-Trimethylbenzene (well 1&2)  | May 14, 2019(next due 2025) | ND |  | --- | 0.5 | Discharge from textile-finishing factories |
| **ADDITIONAL Organics chemicals** |
| **Chemical or Constituent**(and reporting units) | **Sample Date** | **LevelDetected** | **Range of Detections** | **MCL[MRDL]** | **PHG(MCLG)[MRDLG]** | **Typical Source of Contaminant** |
| Ethyl tert-Butyl Ether (ETBE) (well 1&2)  | May 14, 2019 | ND |  | --- | 3 |  |
| Tert-amyl-methyl Ether (TAME)(well 1&2)  | May 14, 2019 | ND |  | --- | 3 |  |
| Diisopropyl Ether (DIPE)(well 1&2)  | May 14, 2019 | ND |  | --- | 3 |  |

Table . Detection of Contaminants with a Secondary Drinking Water Standard

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Chemical or Constituent (and reporting units)** | **Sample Date** | **Level Detected** | **Range of Detections** | **SMCL** | **PHG (MCLG)** | **Typical Source****of****Contaminant** |
| Iron (Untreated)(well #1) (ug/L)(well #2) | May 15,2024 | 14501000 | 1400 | 300²ug/L | none | Leaching from natural deposits; industrial wastes |
| Manganese (Untreated)(well #1) (ug/L)(well #2) | May 15, 2024 | 210180 | 391 | 50²ug/L | none | Leaching from natural deposits |
| Iron (treated)(well #1 & 2) (ug/L) | May 15, 2024Aug 8, 2024 | 440140 |  | 300²ug/L |  | Leaching from natural deposits; industrial wastes |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| Manganese (treated)(well #1 & 2) (ug/L) | May 14, 2024Aug 8, 2024 | 12050 |  | 50²ug/L |  | Leaching from natural deposits |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| Chloride (well#1) (well#2)(Due next 2026) | May 2, 2017 | 7ppm20ppm | 13.5 | 500ppm |  | Runoff/leaching from natural deposits; seawater influence |
| Sulfate (SO4) (well#1) (well#2)(Due next 2026) | May 2, 2017 | 87.7ppm89.7ppm | 88.7 | 500ppm |  | Runoff/leaching from natural deposits; industrial wastes |
| Specific Conductance (E.C.) µS/cm (well#1)(Due next 2026) | May 2, 2017 | 503 |  | 1600 |  | Substances that form ions when in water; seawater influence |
| Specific Conductance (E.C.) µS/cm (well#2)(Due next 2026) | May 2, 2017 | 410 |  | 1600 |  | Substances that form ions when in water; seawater influence |
| Foaming Agents (MBAS) (well#1&2)(Due next 2026) | May 2, 2017 | ND |  | 500ppb |  | Municipal and industrial waste discharges |
| Copper (well#1&2)(Due next 2026) | May 2, 2017 | ND |  | 1.0ppm |  | Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives |
| Haloacetic (five) (HAA5) | Aug 15, 2023 | 5 |  | 60 |  | Byproduct of drinking water disinfection |
| Silver(Due next 2028) | May 14, 2019 | ND |  | 100 |  | Industrial discharges |
| 1,2,3-TrichloropropaneWell #1 (ug/L)Well #2 | Nov 31,2021 | ND | ND | 0.005 |  | 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. |
| 1,2,3-TrichloropropaneWell #1 (ug/L)Well #2 | Nov 6, 2024 | ND | ND | 0.005 |  | 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. |
| Zinc (well#1&2)(Due next 2026) | May 2, 2017 | ND |  | 5.0 |  | Runoff/leaching from natural deposits; industrial wastes |
|  |  |  |  |  |  |  |

Table . Detection of Unregulated Contaminants

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Chemical or Constituent (and reporting units)** | **Sample Date** | **Level Detected** | **Range of Detections** | **Notification Level** | **Health Effects**  |
| none |  |  |  |  |  |

### Additional General Information on Drinking Water

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’s Safe Drinking Water Hotline (1-800-426-4791).

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. U.S. EPA/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by *Cryptosporidium* and other microbial contaminants are available from the Safe Drinking Water Hotline (1-800-426-4791).

Lead-Specific Language: If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. [Enter Water System’s Name] is responsible for providing high quality drinking water but cannot control the variety of materials used in 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 2 minutes before using water for drinking or cooking. [Optional: If you do so, you may wish to collect the flushed water and reuse it for another beneficial purpose, such as watering plants.] 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 Safe Drinking Water Hotline (1-800-426-4791) or at <http://www.epa.gov/lead>.

Additional Special Language for Nitrate, Arsenic, Lead, Radon, and *Cryptosporidium*: [Enter Additional Information Described in Instructions for SWS CCR Document]

State Revised Total Coliform Rule (RTCR): [Enter Additional Information Described in Instructions for SWS CCR Document]

### Summary Information for Violation of a MCL, MRDL, AL, TT, or Monitoring and Reporting Requirement

Table 7. Violation of a MCL, MRDL, AL, TT or Monitoring Reporting Requirement

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Violation** | **Explanation** | **Duration** | **Actions Taken to Correct Violation** | **Health Effects Language** |
| none |  |  |  |  |

### For Water Systems Providing Groundwater as a Source of Drinking Water

Table 8. Sampling Results Showing Fecal Indicator-Positive Groundwater Source Samples

| **Microbiological Contaminants (complete if fecal-indicator detected)** | **Total No. of Detections** | **Sample Dates** | **MCL [MRDL]** | **PHG (MCLG) [MRDLG]** | **Typical Source of Contaminant** |
| --- | --- | --- | --- | --- | --- |
| *E. coli* | (In the year)0 |  | 0 | (0) | Human and animal fecal waste |
| Enterococci | (In the year)0 |  | TT | N/A | Human and animal fecal waste |
| Coliphage | (In the year)0 |  | TT | N/A | Human and animal fecal waste |

### Summary Information for Fecal Indicator-Positive Groundwater Source Samples, Uncorrected Significant Deficiencies, or Violation of a Groundwater TT

|  |
| --- |
| **Special Notice of Fecal Indicator-Positive Groundwater Source Sample:** [Enter Special Notice of Fecal Indicator-Positive Groundwater Source Sample]N/A |

|  |
| --- |
| **Special Notice for Uncorrected Significant Deficiencies:** [Enter Special Notice for Uncorrected Significant Deficiencies]N/A |

Table 9. Violation of Groundwater TT

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Violation** | **Explanation** | **Duration** | **Actions Taken to Correct Violation** | **Health Effects Language** |
| none |  |  |  |  |

### For Systems Providing Surface Water as a Source of Drinking Water

Table 10. Sampling Results Showing Treatment of Surface Water Sources

|  |  |
| --- | --- |
| Treatment Technique (a) (Type of approved filtration technology used) | N/A |

(a) A required process intended to reduce the level of a contaminant in drinking water.

(b) Turbidity (measured in NTU) is a measurement of the cloudiness of water and is a good indicator of water quality and filtration performance. Turbidity results which meet performance standards are considered to be in compliance with filtration requirements.

### Summary Information for Violation of a Surface Water TT

Table 11. Violation of Surface Water TT

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Violation** | **Explanation** | **Duration** | **Actions Taken to Correct Violation** | **Health Effects Language** |
| N/A |  |  |  |  |
|  |  |  |  |  |

### Summary Information for Operating Under a Variance or Exemption

none

### Summary Information for Revised Total Coliform Rule Level 1 and Level 2 Assessment Requirements

If a water system is required to comply with a Level 1 or Level 2 assessment requirement that is not due to an *E. coli* MCL violation, include the following information below [22 CCR section 64481(n)(1)].

#### Level 1 or Level 2 Assessment Requirement not Due to an *E. coli* MCL Violation

Coliforms are bacteria that are naturally present in the environment and are used as an indicator that other, potentially harmful, waterborne pathogens may be present or that a potential pathway exists through which contamination may enter the drinking water distribution system. We found coliforms indicating the need to look for potential problems in water treatment or distribution. When this occurs, we are required to conduct assessment(s) to identify problems and to correct any problems that were found during these assessments.

The water system shall include the following statements, as appropriate: **No violations**

During the past year we were required to conduct [Insert Number of Level 1 Assessments] Level 1 assessment(s). [Insert Number of Level 1 Assessments] Level 1 assessment(s) were completed. In addition, we were required to take [Insert Number of Corrective Actions] corrective actions and we completed [Insert Number of Corrective Actions] of these actions.

During the past year [Insert Number of Level 2 Assessment] Level 2 assessments were required to be completed for our water system. [Insert Number of Level 2 Assessments] Level 2 assessments were completed. In addition, we were required to take [Insert Number of Corrective Actions] corrective actions and we completed [Insert Number of Corrective Actions] of these actions.

If the water system failed to complete all the required assessments or correct all identified sanitary defects, the water system is in violation of the treatment technique requirement and shall include the following statements, as appropriate:

During the past year we failed to conduct all of the required assessment(s).**N/A**

During the past we failed to correct all identified defects that were found during the assessment.**N/A**

[For Violation of the Total Coliform Bacteria TT Requirement, Enter Additional Information Described in Instructions for SWS CCR Document]

If a water system is required to comply with a Level 2 assessment requirement that is due to an *E. coli* MCL violation, include the information below [22 CCR section 64481(n)(2)].

#### Level 2 Assessment Requirement Due to an *E. coli* MCL Violation

If a water system failed to complete the required assessment or correct all identified sanitary defects, the water system is in violation of the treatment technique requirement and shall include the following statements, as appropriate: **N/A**

If a water system detects *E. coli* and has violated the *E. coli* MCL, include one or more the following statements to describe any noncompliance, as applicable**: N/A**

[If a water system detects *E. coli* and has not violated the *E. coli* MCL, the water system may include a statement that explains that although they have detected *E. coli*, they are not in violation of the *E. coli* MCL.] **N/A**