# 2015 Consumer Confidence Report

Water System Name: **GUARDIAN INDUSTRIES CORP.** Report Date: 06/30/2016

*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 - December 31, 2015 and may include earlier monitoring data.*

**Este informe contiene información muy importante sobre su agua potable. Tradúzcalo ó hable con alguien que lo entienda bien.**

Type of water source(s) in use: WELL

Name & general location of source(s):
EAST DEEP WELL (SOURCE NO.1000383-001), 11535 E MOUNTAIN VIEW AVE., KINGSBURG, CA93631
WEST DEEP WELL (SOURCE NO.1000383-002), 11535 E MOUNTAIN VIEW AVE., KINGSBURG, CA93631

Drinking Water Source Assessment information: NON TRANSIENT, NON COMMUNITY, NON VULNERABLE FOR ORGANIC CHEMICALS, VULNERABLE FOR AGRICULTURAL PESTICIDES
ASSESSMENT DATE WAS ON MAY 2002 FOR BOTH EAST AND WEST WELL

Time and place of regularly scheduled board meetings for public participation: N/A

For more information, contact: NATHANIEL RUTTERBUSH Phone: (559) 896-6400

## TERMS USED IN THIS REPORT

**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 (USEPA).

**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.

**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.

**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.

**Regulatory Action Level (AL)**: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system must follow.

**Variances and Exemptions**: State Board permission 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)

**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 by-products 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.

**In order to ensure that tap water is safe to drink**, the USEPA and the State Water Resources Control Board (State Board) prescribe regulations that limit the amount of certain contaminants in water provided by public water systems. State Board regulations also establish limits for contaminants in bottled water that provide the same protection for public health.

**Tables 1, 2, 3, 4, 5, 7, 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.

**TABLE 1 – SAMPLING RESULTS SHOWING THE DETECTION OF COLIFORM BACTERIA**

| Microbiological Contaminants (complete if bacteria detected) | Highest No. of Detections | No. of months in violation | MCL | MCLG | Typical Source of Bacteria |
|---|---|---|---|---|---|
| Total Coliform Bacteria | (In a mo.) | 0 | More than 1 sample in a month with a detection | 0 | Naturally present in the environment |
| Fecal Coliform or *E. coli* | (In the year) | 0 | A routine sample and a repeat sample detect total coliform and either sample also detects fecal coliform or *E. coli* | 0 | Human and animal fecal waste |

**TABLE 2 – SAMPLING RESULTS SHOWING THE DETECTION OF LEAD AND COPPER**

| Lead and Copper (complete if lead or copper detected in the last sample set) | Sample Date | No. of samples collected | 90th percentile level detected | No. sites exceeding AL | AL | PHG | Typical Source of Contaminant |
|---|---|---|---|---|---|---|---|
| Lead (ppb) | 08/5/2015 | 5 | 3.5 | 0 | 15 | 0.2 | Internal corrosion of household water plumbing systems; discharges from industrial manufacturers; erosion of natural deposits |
| Copper (ppm) | 08/5/2015 | 5 | 0 | 0 | 1.3 | 0.3 | Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives |

**TABLE 3 – 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) West Well<br>East Well | 06/30/09<br>06/30/09 | 35<br>25 | 25-35<br>110-170 | none | none | Salt present in the water and is generally naturally occurring |
| Hardness (ppm) West Well<br>East Well | 06/30/09<br>06/30/09 | 170<br>110 | 110-170 | none | none | Sum of polyvalent cations present in the water, generally magnesium |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | | | | | and calcium, and are usually naturally occurring |

**Any violation of an MCL or AL is asterisked. Additional information regarding the violation is provided later in this report.*

**TABLE 4 – 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 |
|---|---|---|---|---|---|---|
| **EAST WELL** | 2/19/2015 | | | | | |
| Fluoride (mg/L) | | ND | ND | 2.0 ppm | 1 ppm | EROSION OF NATURAL DEPOSITS |
| Nitrate AS NO3 (mg/L) | | 15 | 15 | 45 ppm | 45 ppm | EROSION OF NATURAL DEPOSITS |
| Nitrite as N (mg/L) | | ND | ND | 1 ppm | 1 ppm | EROSION OF NATURAL DEPOSITS |
| Perchlorate (ug/L) | | ND | ND | 6 ppb | 1 ppb | EROSION OF NATURAL DEPOSITS |
| Aluminum (mg/L) | | ND | ND | 1 ppm | 0.6 ppm | EROSION OF NATURAL DEPOSITS |
| Antimony (ug/L) | | ND | ND | 6 ppb | 20 ppb | EROSION OF NATURAL DEPOSITS |
| Arsenic (ug/L) | | ND | ND | 10 ppb | 0.004 ppb | EROSION OF NATURAL DEPOSITS |
| Barium (mg/L) | | 0.048 | 0.048 | 1 ppm | 2 ppm | EROSION OF NATURAL DEPOSITS |
| Cadmium (ug/L) | | ND | ND | 5 ppb | 0.04 ppb | EROSION OF NATURAL DEPOSITS |
| Chromium (ug/L) | | ND | ND | 50 ppb | (100) ppb | EROSION OF NATURAL DEPOSITS |
| Mercury (ug/L) | | ND | ND | 2 ppb | 1.2 ppb | EROSION OF NATURAL DEPOSITS |
| Nickel (ug/L) | | ND | ND | 100 ppb | 12 ppb | EROSION OF NATURAL DEPOSITS |
| Selenium (ug/L) | | ND | ND | 50 ppb | 30 ppb | EROSION OF NATURAL DEPOSITS |
| Thallium (ug/L) | | ND | ND | 2 ppb | 0.1 ppb | EROSION OF NATURAL DEPOSITS |
| Dibromochloropropane (ug/L) | | 0.034 | 0.034 | 200 pbt | 1.7 ppt | EROSION OF NATURAL DEPOSITS |
| Ethylene Dibromide (ug/L) | | ND | ND | 50 pbt | 10 ppt | EROSION OF NATURAL DEPOSITS |
| Alachlor (ug/L) | | ND | ND | 2 ppb | 4 ppb | |
| Atrazine (ug/L) | | ND | ND | 1 ppb | 0.15ppb | EROSION OF NATURAL DEPOSITS |
| Simazine (ug/L) | | ND | ND | 4 ppb | 4 ppb | EROSION OF NATURAL DEPOSITS |
| | | | | | | EROSION OF NATURAL DEPOSITS |
| **WEST WELL** | 2/19/2015 | | | | | |
| Fluoride (mg/L) | | ND | ND | 2.0 ppm | 1 ppm | EROSION OF NATURAL DEPOSITS |
| Nitrate AS NO3 (mg/L) | | 32 | 32 | 45 ppm | 45ppm | EROSION OF NATURAL DEPOSITS |
| Nitrite as N (mg/L) | | ND | ND | 1 ppm | 1 ppm | EROSION OF NATURAL DEPOSITS |
| Perchlorate (ug/L) | | ND | ND | 6 ppb | 1 ppb | EROSION OF NATURAL DEPOSITS |
| Aluminum (mg/L) | | ND | ND | 1 ppm | 0.6 ppm | EROSION OF NATURAL DEPOSITS |
| Antimony (ug/L) | | ND | ND | 6 ppb | 20 ppb | EROSION OF NATURAL DEPOSITS |
| Arsenic (ug/L) | | ND | ND | 10 ppb | 0.004 ppb | EROSION OF NATURAL DEPOSITS |
| Barium (mg/L) | | 0.070 | 0.070 | 1 ppm | 2 ppm | EROSION OF NATURAL DEPOSITS |
| Cadmium (ug/L) | | ND | ND | 5 ppb | 0.04 ppb | EROSION OF NATURAL DEPOSITS |
| Chromium (ug/L) | | ND | ND | 50 ppb | (100) ppb | EROSION OF NATURAL DEPOSITS |
| Mercury (ug/L) | | ND | ND | 2 ppb | 1.2 ppb | EROSION OF NATURAL DEPOSITS |
| Nickel (ug/L) | | ND | ND | 100 ppb | 12 ppb | EROSION OF NATURAL DEPOSITS |
| Selenium (ug/L) | | ND | ND | 50 ppb | 30 ppb | EROSION OF NATURAL DEPOSITS |
| Thallium (ug/L) | | ND | ND | 2 ppb | 0.1ppb | EROSION OF NATURAL DEPOSITS |
| Dibromochloropropane (ug/L) | | 0.055 | 0.055 | 200 pbt | 1.7 ppt | EROSION OF NATURAL DEPOSITS |
| Ethylene Dibromide (ug/L) | | ND | ND | 50 pbt | 10 ppt | EROSION OF NATURAL DEPOSITS |
| Alachlor (ug/L) | | ND | ND | 2 ppb | 4 ppb | |
| Atrazine (ug/L) | | ND | ND | 1 ppb | 0.15 ppb | EROSION OF NATURAL DEPOSITS |
| Simazine (ug/L) | | ND | ND | 4 ppb | 4 ppb | EROSION OF NATURAL DEPOSITS |
| | | | | | | EROSION OF NATURAL DEPOSITS |

**TABLE 5 – DETECTION OF CONTAMINANTS WITH A SECONDARY DRINKING WATER STANDARD**

| Chemical or Constituent (and reporting units) | Sample Date | Level Detected | Range of Detections | MCL | PHG (MCLG) | Typical Source of Contaminant |
|---|---|---|---|---|---|---|
| NONE | NONE | | | | | |

| | | | | | | |
|---|---|---|---|---|---|---|
| NONE | NONE | | | | | |

| TABLE 6 – DETECTION OF UNREGULATED CONTAMINANTS | | | | | |
|---|---|---|---|---|---|
| **Chemical or Constituent** (and reporting units) | **Sample Date** | **Level Detected** | **Range of Detections** | **Notification Level** | **Health Effects Language** |
| NONE | NONE | | | | |

**Any violation of an MCL, MRDL, or TT is asterisked. Additional information regarding the violation is provided later in this report.*

## 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 USEPA's Safe Drinking Water Hotline (1-800-426-4791).

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

| VIOLATION OF A MCL, MRDL, AL, TT, OR MONITORING AND REPORTING REQUIREMENT | | | | |
|---|---|---|---|---|
| **Violation** | **Explanation** | **Duration** | **Actions Taken to Correct the Violation** | **Health Effects Language** |
| **NONE** | | | | |
| | | | | |

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

| TABLE 7 – SAMPLING RESULTS SHOWING FECAL INDICATOR-POSITIVE GROUND WATER 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) | MONTHLY | 0 | (0) | Human and animal fecal waste |
| Enterococci | (In the year) | NONE | TT | n/a | Human and animal fecal waste |
| Coliphage | (In the year) | NONE | TT | n/a | Human and animal fecal waste |