# Consumer Confidence Report
# Certification Form

*(To be submitted with a copy of the CCR)*

Water System Name: Lone Pine Town Water System, Inyo County Public Works

Water System Number: 1410009

The water system named above hereby certifies that its Consumer Confidence Report was distributed on August 1st through 12th 2016 with billing statement, to customers (and appropriate notices of availability have been given). Further, the system certifies that the information contained in the report is correct and consistent with the compliance monitoring data previously submitted to the California Department of Public Health.

Certified by: Name: Floyd Barton

Signature: Floyd J Barton Digitally signed by Floyd J Barton DN: cn=Floyd J Barton, o=WILDER BARTON INC., ou, email=wb.inc@suddenlink.net, c=US Date: 2016.08.06 01:46:40 -07'00'

Title: Contract Operator

Phone Number: (760) 937-2245 Date: Aug 6, 2016

*To summarize report delivery used and good-faith efforts taken, please complete this page by checking all items that apply and fill-in where appropriate:*

☒ CCR was distributed by mail or other direct delivery methods (attach description of other direct delivery methods used).

☐ CCR was distributed using electronic delivery methods described in the Guidance for Electronic Delivery of the Consumer Confidence Report (water systems utilizing electronic delivery methods must complete the second page).

☐ "Good faith" efforts were used to reach non-bill paying consumers. Those efforts included the following methods:

- ☐ Posting the CCR at the following URL: www._____
- ☐ Mailing the CCR to postal patrons within the service area (attach zip codes used)
- ☐ Advertising the availability of the CCR in news media (attach copy of press release)
- ☐ Publication of the CCR in a local newspaper of general circulation (attach a copy of the published notice, including name of newspaper and date published)
- ☐ Posted the CCR in public places (attach a list of locations)
- ☐ Delivery of multiple copies of CCR to single-billed addresses serving several persons, such as apartments, businesses, and schools
- ☐ Delivery to community organizations (attach a list of organizations)
- ☐ Publication of the CCR in the electronic city newsletter or electronic community newsletter or listserv (attach a copy of the article or notice)
- ☐ Electronic announcement of CCR availability via social media outlets (attach list of social media outlets utilized)
- ☐ Other (attach a list of other methods used)

☐ *For systems serving at least 100,000 persons*: Posted CCR on a publicly-accessible internet site at the following URL: www._____

☐ *For privately-owned utilities*: Delivered the CCR to the California Public Utilities Commission

## Consumer Confidence Report
## Electronic Delivery Certification

*Water systems utilizing electronic distribution methods for CCR delivery must complete this page by checking all items that apply and fill-in where appropriate.*

☐ Water system mailed a notification that the CCR is available and provides a direct URL to the CCR on a publicly available website where it can be viewed (attach a copy of the mailed CCR notification). URL: www._____

☐ Water system emailed a notification that the CCR is available and provides a direct URL to the CCR on a publicly available site on the Internet where it can be viewed (attach a copy of the emailed CCR notification). URL: www._____

☐ Water system emailed the CCR as an electronic file email attachment.

☐ Water system emailed the CCR text and tables inserted or embedded into the body of an email, not as an attachment (attach a copy of the emailed CCR).

☐ *Requires prior CDPH review and approval.* Water system utilized other electronic delivery method that meets the direct delivery requirement.

*Provide a brief description of the water system's electronic delivery procedures and include how the water system ensures delivery to customers unable to receive electronic delivery.*

Document was mailed to every customer with billing statement.

# 2015 Consumer Confidence Report

Water System Name: **Lone Pine Municipal Water System** Report Date: June 1, 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.*

## 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:** Ground Water Well (s)

**Name & location of source(s):** Well 344 and well 346 are both located near the town of Lone Pine and are owned And controlled by the Los Angeles Department of Water and Power.

**Drinking Water Source Assessment information:** The Source Water Assessment was completed in June 2002 and a copy of the complete assessment is available for review at the Inyo County Public Works Dept. or call (760) 878-0201

Time and place of regularly scheduled board meetings for public participation:
Inyo County Board of Supervisors, Tuesday mornings in Independence, Ca

***For more information, contact:*** Inyo County Water Systems - Wilder Barton Inc. **Phone:** (760) 258-5021

***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 level of a disinfectant added for water treatment that may not be exceeded at the consumer's tap.

**Maximum Residual Disinfectant Level Goal (MRDLG):** The level of a disinfectant added for water treatment below which there is no known or expected risk to health. MRDLGs are set by the U.S. Environmental Protection Agency.

**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**: Department 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 (ug/L)

**ppt**: parts per trillion or nanograms per liter (ng/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 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.

**In order to ensure that tap water is safe to drink**, the USEPA and the state Department of Health Services (Department) prescribe regulations that limit the amount of certain contaminants in water provided by public water systems. Department regulations also establish limits for contaminants in bottled water that must provide the same protection for public health.

**Tables 1, 2, 3, 4, and 5 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 Department 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.

Note: System will report this same result each CCR year (2013, 2014, and 2015) until the next sample is taken

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

| **Microbiological Contaminants** (to be completed only if there was a detection of bacteria ) | **Highest No. of detections** | **No. of months in violation** | **MCL** | **MCLG** | **Typical Source of Bacteria** |
|---|---|---|---|---|---|
| Total Coliform Bacteria | 0 | 0 | More than 1 sample in a month with a detection | 0 | Naturally present in the environment |
| Fecal Coliform or *E. coli* | 0 | 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** (to be completed only if there was a detection of lead or copper in the last sample set) | **No. of samples collected** | **90$^{th}$ percentile level detected** | **No. sites exceeding AL** | **AL** | **PHG** | **Typical Source of Contaminant** |
|---|---|---|---|---|---|---|
| Lead (ppb) – 8/10/12 | 10 | < 1.0 | 0 | 15 | 2 | Internal corrosion of household water plumbing systems; discharges from industrial manufacturers; erosion of natural deposits |
| Copper (ppm) – 8/10/12 | 10 | 0.74 | 0 | 1.3 | 0.17 | 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) | 8/20/14 | 19.9 | n/a | none | none | Generally found in ground & surface water |
| Hardness (ppm) | 8/20/14 | 54 | n/a | none | none | Generally found in ground & surface water |

*****_Any violation of an MCL or AL is marked with an asterisk. 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** |
|---|---|---|---|---|---|---|
| Arsenic (ppb) | 8/20/14 | < 2.0 | n/a | 10 | 0 | Erosion of natural deposits |
| Lead (ppb) | 8/20/14 | ND | n/a | 15 | 0 | Pluming residue and natural |
| Fluoride (ppm) | 8/20/14 | < 1.0 | n/a | 2 | 1 | Erosion of natural deposits |
| Barium (ppb) | 8/20/14 | 12.8 | n/a | 2 | 2 | Erosion of natural deposits |
| **Nitrate as NO3 (ppm)** | **10/13/15** | 1.43 | 2.0 | 45 | 45 | Leachate from septic tanks, sewage and Fertilizers. Erosion of natural deposits |
| Nitrite as N (ppm) | 8/20/14 | < 0.020 | n/a | 1 | 1 | |
| Calcium (ppm) | 8/20/14 | 20.2 | n/a | none | n/a | 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** |
|---|---|---|---|---|---|---|
| Chloride (ppm) | 8/20/14 | 7.41 | n/a | 500 | n/a | Erosion of natural deposits |
| Sulfate (ppm) | 8/20/14 | 9.64 | n/a | 500 | n/a | Erosion of natural deposits |
| Total Dissolved Solids (ppm) | 8/20/14 | 109 | n/a | 1000 | n/a | Erosion of natural deposits |
| Specific Conductance (umhos) | 8/20/14 | 200 | n/a | 1600 | n/a | Erosion of natural deposits |
| Magnesium (ppm) | 8/20/14 | 3.34 | n/a | none | n/a | Erosion of natural deposits |
| pH (Std. Units) | 8/20/14 | 6.87 | n/a | 6-9 SU | n/a | Erosion of natural deposits |
| Perchlorate (ppm) | 8/20/14 | < 4.0 | n/a | 6 | n/a | Industrial Bi-product |

**TABLE 6 - DETECTION OF UNREGULATED CONTAMINANTS**

| **Chemical or Constituent** (and reporting units) | **Sample Date** | **Level Detected** | **MCL** | **Typical source of Contaminants** |
|---|---|---|---|---|
| Chromium (VI) (ppb) | 12/11/14 | < 1.0 | NA | By-product of Industrial and Chemical activity. |
| Chromium (Total) (ppb) | 8/20/14 | < 50 | 100 | Industrial By-Product and natural erosion of deposits |
| | | | | |

**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).

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. USEPA/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).

The water was tested for Volatile Organic Compounds and none were detected.

The water was tested for Trihalo amine compounds and none were detected.

The water was tested for 2 Synthetic Organic Compounds, Dibromochloropropane (< 0.010 ppb) and Ethylene dibromide

(<0.020 PPB)

## Summary Information for Contaminants Exceeding an MCL, MRDL, or AL, or a Violation of Any Treatment Technique or Monitoring and Reporting Requirement

All water testing results were within the recommended Maximum Containment Levels (MCL) for 2015.

## For Systems Providing Surface Water as a Source Of Drinking Water:

*(Refer to page 1, "Type of water source in use" to see if your source of water is surface water or groundwater)*

| TABLE 7 - SAMPLING RESULTS SHOWING TREATMENT OF SURFACE WATER SOURCES | |
|---|---|
| Treatment Technique (a)<br>(Type of approved filtration technology used) | |
| Turbidity Performance Standards (b)<br>(that must be met through the water treatment process) | Turbidity of the filtered water must:<br>1 – Be less than or equal to _____ NTU in 95% of measurements in a month.<br>2 – Not exceed _____ NTU for more than eight consecutive hours.<br>3 – Not exceed ____ NTU at any time. |
| Lowest monthly percentage of samples that met Turbidity Performance Standard No. 1. | |
| Highest single turbidity measurement during the year | |
| Number of violations of any surface water treatment requirements | |

(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.