Space for Lab Letter Head

**Complete Inorganic Chemistry**

*Analysis Report*

|  |  |
| --- | --- |
| Date Collected: (MM/DD/YY) \_\_\_ \_\_\_/\_\_\_ \_\_\_/\_\_\_ \_\_\_ | System Group Type: *(Circle one.)* A B Other: |
| Water System ID Number: \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ | System Name: |
| Lab Number/Sample Number: \_\_\_ \_\_\_ \_\_\_/\_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ | County: |
| Sample Location | Source Number(s) *(List all sources if blended or composited.)* |
| Sample Purpose *(check appropriate box)*  ⃣ RC—Routine/Compliance *(Satisfies monitoring requirements.)*  ⃣ C—Confirmation *(Confirmation of chemical result.)*\*  ⃣ I—Investigative *(Does not satisfy monitoring requirements.)*  ⃣ O—Other *(Specify—does not satisfy monitoring requirements)* | Date Received: (MM/DD/YY) \_\_\_ \_\_\_/\_\_\_ \_\_\_/\_\_\_ \_\_\_  Date Analyzed: (MM/DD/YY) \_\_\_ \_\_\_/\_\_\_ \_\_\_/\_\_\_ \_\_\_  Date Reported: (MM/DD/YY) \_\_\_ \_\_\_/\_\_\_ \_\_\_/\_\_\_ \_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  COMMENTS: |
| Sample Composition *(Check appropriate box.)*  ⃣ S—Single Source  ⃣ B—Blended *(List source numbers in “Source Numbers” field.)*  ⃣ C—Composite *(List source numbers in “Source Numbers” field.)*  ⃣ D—Distribution Sample | Sample Type *(Check one.)* ⃣ Pre-treatment/Untreated (Raw)  ⃣ Post-treatment (Finished)  ⃣ Unknown or Other  Sample Collected by: *(name)* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Phone Number: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| Send Report to:  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Bill to: *(Client name.)*  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

**Analytical Results**

| **DOH #** | **Contaminant** | **Data Qualifier** | **Result** | **SDRL** | **Trigger** | **MCL** | **Units** | **Exceed MCL? (X if Yes)** | **Date Analyzed** | **Method/ Initials** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 0004 | Arsenic |  |  | 0.001 | 0.010 | 0.010 | mg/L |  |  |  |
| 0005 | Barium |  |  | 0.1 | 2 | 2 | mg/L |  |  |  |
| 0006 | Cadmium |  |  | 0.001 | 0.005 | 0.005 | mg/L |  |  |  |
| 0007 | Chromium |  |  | 0.007 | 0.1 | 0.1 | mg/L |  |  |  |
| 0011 | Mercury |  |  | 0.0002 | 0.002 | 0.002 | mg/L |  |  |  |
| 0012 | Selenium |  |  | 0.002 | 0.05 | 0.05 | mg/L |  |  |  |
| 0110 | Beryllium |  |  | 0.0003 | 0.004 | 0.004 | mg/L |  |  |  |
| 0111 | Nickel |  |  | 0.005 | -- | -- | mg/L |  |  |  |
| 0112 | Antimony |  |  | 0.003 | 0.006 | 0.006 | mg/L |  |  |  |
| 0113 | Thallium |  |  | 0.001 | 0.002 | 0.002 | mg/L |  |  |  |
| 0116 | Cyanide |  |  | 0.05 | 0.2 | 0.2 | mg/L |  |  |  |
| 0019 | Fluoride |  |  | 0.2 | 2.0 | 4.0 | mg/L |  |  |  |
| 0114 | Nitrite-N |  |  | 0.1 | 0.5 | 1.0 | mg/L |  |  |  |
| 0020 | Nitrate-N |  |  | 0.5 | 5.0 | 10.0 | mg/L |  |  |  |
| 0161 | Total Nitrate/Nitrite |  |  | 0.5 | 5.0 | 10.0 | mg/L |  |  |  |
| 0008 | Iron |  |  | 0.1 | -- | 0.31 | mg/L |  |  |  |
| 0010 | Manganese |  |  | 0.01 | -- | 0.051 | mg/L |  |  |  |
| 0013 | Silver |  |  | 0.1 | -- | 0.11 | mg/L |  |  |  |
| 0021 | Chloride |  |  | 2 | -- | 2501 | mg/L |  |  |  |
| 0022 | Sulfate |  |  | 2 | -- | 2501 | mg/L |  |  |  |
| 0024 | Zinc |  |  | 0.2 | -- | 51 | mg/L |  |  |  |
| 0014 | Sodium |  |  | 5 | -- | -- | mg/L |  |  |  |
| 0015 | Hardness |  |  | 10 | -- | -- | mg/L |  |  |  |
| 0016 | Conductivity |  |  | 70 | -- | 7001 | µmhos/cm |  |  |  |
| 0017 | Turbidity |  |  | 0.1 | -- | -- | NTU |  |  |  |
| 0018 | Color |  |  | 15 | -- | 151 | color units |  |  |  |
| 0026 | TDS-Total Dissolved Solids2 |  |  | 100 | -- | 5001 | mg/L |  |  |  |
| 0009 | Lead |  |  | 0.001 | -- | -- | mg/L |  |  |  |
| 0023 | Copper |  |  | 0.02 | -- | -- | mg/L |  |  |  |

**NOTES**

**\*Confirmation:** Include the original lab number, sample number, and collection date of original sample in either comment section.

**--**No existing trigger or MCL value.

**1**Secondary MCL (Established for aesthetic purposes, not health based).

**2**TDS is required to be run if conductivity exceeds the MCL.

**Data Qualifier:** A symbol or letter to denote additional information about the result.

**DOH#:** Department assigned contaminant number.

**EXCEEDS MCL (Maximum Contaminant Level):** Marked if the contaminant amount exceeds the MCL under chapters 246-290 and 246-291 WAC. If you have questions about this result, please contact the department’s drinking water regional office in your area.

**Method/Initials:** Analytical method used/Initials of the analyst that performed the analysis.

**mg/L:** milligrams per liter or parts per million.

**NTU:** Nephelometric turbidity units.

**SDRL (State Detection Reporting Limit):** The minimum reportable detection of a contaminant as established by the department.

**TRIGGER:** The department’s drinking water response level. Systems with contaminants detected at concentrations at or above this level may be required to take additional samples or monitor more frequently.

**µmhos/cm:** micro mhos per centimeter. One micro mhos per centimeter is equivalent to one micro Siemen per centimeter (uS/cm).

**LAB COMMENTS**