Space for Lab Letter Head

**Volatile Organic Compounds**

*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** | **Results** | **MRL** | **SDRL** | **MCL** | **Units** | **Exceeds MCL?**  **(X if Yes)** | **Method/Initials** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 0045 | Vinyl chloride |  |  |  | 0.5 | 2 | µg/L |  |  |
| 0046 | 1,1 Dichloroethylene |  |  |  | 0.5 | 7 | µg/L |  |  |
| 0047 | 1,1,1 Trichloroethane |  |  |  | 0.5 | 200 | µg/L |  |  |
| 0048 | Carbon tetrachloride |  |  |  | 0.5 | 5 | µg/L |  |  |
| 0049 | Benzene |  |  |  | 0.5 | 5 | µg/L |  |  |
| 0050 | 1,2 Dichloroethane |  |  |  | 0.5 | 5 | µg/L |  |  |
| 0051 | Trichloroethylene |  |  |  | 0.5 | 5 | µg/L |  |  |
| 0052 | 1,4 Dichlorobenzene  *(para-Dichlorobenzene)* |  |  |  | 0.5 | 75 | µg/L |  |  |
| 0056 | Methylene chloride *(Dichloromethane)* |  |  |  | 0.5 | 5 | µg/L |  |  |
| 0057 | trans- 1,2 Dichloroethylene |  |  |  | 0.5 | 100 | µg/L |  |  |
| 0060 | cis- 1,2 Dichloroethylene |  |  |  | 0.5 | 70 | µg/L |  |  |
| 0063 | 1,2 Dichloropropane |  |  |  | 0.5 | 5 | µg/L |  |  |
| 0066 | Toluene |  |  |  | 0.5 | 1000 | µg/L |  |  |
| 0067 | 1,1,2 Trichloroethane |  |  |  | 0.5 | 5 | µg/L |  |  |
| 0068 | Tetrachloroethylene |  |  |  | 0.5 | 5 | µg/L |  |  |
| 0071 | Chlorobenzene  *(monochlorobenzene)* |  |  |  | 0.5 | 100 | µg/L |  |  |
| 0073 | Ethylbenzene |  |  |  | 0.5 | 700 | µg/L |  |  |
| 0076 | Styrene |  |  |  | 0.5 | 100 | µg/L |  |  |
| 0084 | 1,2 Dichlorobenzene  *(ortho-Dichlorobenzene)* |  |  |  | 0.5 | 600 | µg/L |  |  |
| 0095 | 1,2,4 Trichlorobenzene |  |  |  | 0.5 | 70 | µg/L |  |  |
| 0160 | Total xylenes |  |  |  | 0.5 | 10,000 | µg/L |  |  |
| 0074 | m/p Xylenes (MCL for total) |  |  |  | 0.5 | **--** | µg/L |  |  |
| 0075 | o- Xylene (MCL for total) |  |  |  | 0.5 | **--** | µg/L |  |  |
| 0027 | Chloroform |  |  |  | 0.5 | -- | µg/L |  |  |
| 0028 | Bromodichloromethane |  |  |  | 0.5 | -- | µg/L |  |  |
| 0029 | Dibromochloromethane |  |  |  | 0.5 | -- | µg/L |  |  |
| 0030 | Bromoform |  |  |  | 0.5 | -- | µg/L |  |  |
| 0031 | Total trihalomethane |  |  |  | -- | -- | µg/L |  |  |
| 0053 | Chloromethane |  |  |  | 0.5 | -- | µg/L |  |  |
| 0054 | Bromomethane |  |  |  | 0.5 | -- | µg/L |  |  |
| 0058 | 1,1 Dichloroethane |  |  |  | 0.5 | -- | µg/L |  |  |
| 0072 | 1,1,1,2 Tetrachloroethane |  |  |  | 0.5 | -- | µg/L |  |  |
| 0078 | Bromobenzene |  |  |  | 0.5 | -- | µg/L |  |  |
| 0079 | 1,2,3 Trichloropropane |  |  |  | 0.5 | -- | µg/L |  |  |
| 0081 | o- Chlorotoluene |  |  |  | 0.5 | -- | µg/L |  |  |
| 0085 | Trichlorofluoromethane |  |  |  | 0.5 | -- | µg/L |  |  |
| 0086 | Bromochloromethane |  |  |  | 0.5 | -- | µg/L |  |  |
| 0089 | 1,3,5 Trimethylbenzene |  |  |  | 0.5 | -- | µg/L |  |  |
| 0091 | 1,2,4 Trimethylbenzene |  |  |  | 0.5 | -- | µg/L |  |  |
| 0092 | sec-Butylbenzene |  |  |  | 0.5 | -- | µg/L |  |  |
| 0093 | p-Isopropyltoluene |  |  |  | 0.5 | -- | µg/L |  |  |
| 0094 | n-Butylbenzene |  |  |  | 0.5 | -- | µg/L |  |  |
| 0096 | Naphthalene |  |  |  | 0.5 | -- | µg/L |  |  |
| 0104 | Dichlorodifluoromethane |  |  |  | 0.5 | -- | µg/L |  |  |
| 0154 | 1,3 Dichloropropene |  |  |  | 0.5 | -- | µg/L |  |  |
| 0055 | Chloroethane |  |  |  | 0.5 | -- | µg/L |  |  |
| 0059 | 2,2 Dichloropropane |  |  |  | 0.5 | -- | µg/L |  |  |
| 0062 | 1,1 Dichloropropene |  |  |  | 0.5 | -- | µg/L |  |  |
| 0064 | Dibromomethane |  |  |  | 0.5 | -- | µg/L |  |  |
| 0070 | 1,3 Dichloropropane |  |  |  | 0.5 | -- | µg/L |  |  |
| 0080 | 1,1,2,2 Tetrachloroethane |  |  |  | 0.5 | -- | µg/L |  |  |
| 0082 | p- Chlorotoluene |  |  |  | 0.5 | -- | µg/L |  |  |
| 0083 | m- Dichlorobenzene |  |  |  | 0.5 | -- | µg/L |  |  |
| 0087 | Isopropylbenzene |  |  |  | 0.5 | -- | µg/L |  |  |
| 0088 | n- Propylbenzene |  |  |  | 0.5 | -- | µg/L |  |  |
| 0090 | tert- Butylbenzene |  |  |  | 0.5 | -- | µg/L |  |  |
| 0097 | Hexachlorobutadiene |  |  |  | 0.5 | -- | µg/L |  |  |
| 0098 | 1,2,3 Trichlorobenzene |  |  |  | 0.5 | -- | µg/L |  |  |
| 0427 | EDB (screening)1 |  |  |  | 0.5 | -- | µg/L |  |  |
| 0428 | DBCP(screening)1 |  |  |  | 0.5 | -- | µg/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**Analysis for EDB and DBCP is screening only. Detections of EDB and DBCP are confirmed using the fumigant test panel.

**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 chapter 246-290 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.

**MRL (Method Reporting Limit):** The lowest quantifiable concentration of a contaminant.

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

**µg/L:** micrograms per liter or parts per billion.

**LAB COMMENTS**