



Well 9 Voc  
(071025)

Laboratory Results

Client ID: Village of Wauconda Water Department

Report Date: November 30, 2007

Project Name: Volatile Organic Compounds

Lab Order: 07101444

Client Sample ID: Well 09 raw WL012520

Matrix: DRINKING WATER

Lab ID: 07101444-01A

Date Received: 10/25/2007 4:40 PM

Collection Date: 10/22/2007 1:15 PM

| Parameter                                       | Result | Qual | Report Limit                    | MCL   | Units | Dilution Factor | Date Analyzed      | Batch ID |
|---|--------|------|---------------------------------|-------|-------|-----------------|--------------------|----------|
| <b>VOLATILE ORGANIC COMPOUNDS (REGULATED)</b>   |        |      | Method: EPA-524.2-Rev 4.1, 1995 |       |       | Analyst: AFP    |                    |          |
| Benzene   | ND     |      | 0.500                           | 5     | µg/L  | 1               | 10/26/2007 5:10 PM | R66933   |
| Carbon tetrachloride                            | ND     |      | 0.500                           | 5     | µg/L  | 1               | 10/26/2007 5:10 PM | R66933   |
| Chlorobenzene                                   | ND     |      | 0.500                           | 100   | µg/L  | 1               | 10/26/2007 5:10 PM | R66933   |
| 1,4-Dichlorobenzene                             | ND     |      | 0.500                           | 75    | µg/L  | 1               | 10/26/2007 5:10 PM | R66933   |
| 1,2-Dichlorobenzene                             | ND     |      | 0.500                           | 600   | µg/L  | 1               | 10/26/2007 5:10 PM | R66933   |
| 1,2-Dichloroethane                              | ND     |      | 0.500                           | 5     | µg/L  | 1               | 10/26/2007 5:10 PM | R66933   |
| 1,1-Dichloroethene                              | ND     |      | 0.500                           | 7     | µg/L  | 1               | 10/26/2007 5:10 PM | R66933   |
| cis-1,2-Dichloroethene                          | ND     |      | 0.500                           | 70    | µg/L  | 1               | 10/26/2007 5:10 PM | R66933   |
| trans-1,2-Dichloroethene                        | ND     |      | 0.500                           | 100   | µg/L  | 1               | 10/26/2007 5:10 PM | R66933   |
| 1,2-Dichloropropane                             | ND     |      | 0.500                           | 5     | µg/L  | 1               | 10/26/2007 5:10 PM | R66933   |
| Ethylbenzene                                    | ND     |      | 0.500                           | 700   | µg/L  | 1               | 10/26/2007 5:10 PM | R66933   |
| Methylene chloride                              | ND     |      | 0.500                           | 5     | µg/L  | 1               | 10/26/2007 5:10 PM | R66933   |
| Styrene   | ND     |      | 0.500                           | 100   | µg/L  | 1               | 10/26/2007 5:10 PM | R66933   |
| Tetrachloroethene                               | ND     |      | 0.500                           | 5     | µg/L  | 1               | 10/26/2007 5:10 PM | R66933   |
| Toluene   | ND     |      | 0.500                           | 1000  | µg/L  | 1               | 10/26/2007 5:10 PM | R66933   |
| 1,2,4-Trichlorobenzene                          | ND     |      | 0.500                           | 70    | µg/L  | 1               | 10/26/2007 5:10 PM | R66933   |
| Trichloroethene                                 | ND     |      | 0.500                           | 5     | µg/L  | 1               | 10/26/2007 5:10 PM | R66933   |
| 1,1,1-Trichloroethane                           | ND     |      | 0.500                           | 200   | µg/L  | 1               | 10/26/2007 5:10 PM | R66933   |
| 1,1,2-Trichloroethane                           | ND     |      | 0.500                           | 5     | µg/L  | 1               | 10/26/2007 5:10 PM | R66933   |
| Vinyl chloride                                  | ND     |      | 0.500                           | 2     | µg/L  | 1               | 10/26/2007 5:10 PM | R66933   |
| Total Xylenes                                   | ND     |      | 0.500                           | 10000 | µg/L  | 1               | 10/26/2007 5:10 PM | R66933   |
| Surrogate: 1,2-Dichlorobenzene-d4               | 81.4   |      | 66.8 - 122                      |       | %REC  | 1               | 10/26/2007 5:10 PM | R66933   |
| Surrogate: 4-Bromofluorobenzene                 | 87.4   |      | 67.7 - 120                      |       | %REC  | 1               | 10/26/2007 5:10 PM | R66933   |
| <b>VOLATILE ORGANIC COMPOUNDS (UNREGULATED)</b> |        |      | Method: EPA-524.2-Rev 4.1, 1995 |       |       | Analyst: AFP    |                    |          |
| Methyl tert-butyl ether                         | ND     |      | 0.500                           |       | µg/L  | 1               | 10/26/2007 5:10 PM | R66933   |
| Surrogate: 1,2-Dichlorobenzene-d4               | 81.4   |      | 41.2 - 119                      |       | %REC  | 1               | 10/26/2007 5:10 PM | R66933   |
| Surrogate: 4-Bromofluorobenzene                 | 87.4   |      | 47.1 - 118                      |       | %REC  | 1               | 10/26/2007 5:10 PM | R66933   |

- Qualifiers:**
- \* Value exceeds Maximum Contaminant Level
  - c Analyte not included in SLI scope of accreditation
  - G Refer to case narrative page for specific comments
  - J Analyte detected below quantitation limit (QL)
  - ND Not Detected at the SLI Reporting Limit
  - B Analyte detected in the associated Method Blank
  - E Estimated, analyte detected above quantitation range
  - H Holding times for preparation or analysis exceeded
  - NA Not Applicable
  - Q Internal standard recovery is outside SLI in-house criteria (no method specific requirements exist)