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MASSACHUSETTS DEP/DIVISION OF WATER SUPPLY **VOC**

# VOLATILE ORGANIC CONTAMINANT REPORT

(FORM #7.3)



I. PWS INFORMATION

1. PWS ID#: 1 1 9 1 0 0 0 City/Town: Monson
3. PWS Name: Monson Water and Sewer Department 4. PWS Class (circle one): **COM**, NTNC, NC
5. DEP Source/Location ID: 1191000-10001 6. Sample Location: GP Well #1 (03G) (Bethany Rd. Well) 7. Date Collected: 5/2/2006 8. Collected by: Jalbert
9. Is the Source Treated? Yes 10. Was the Sample Collected After Treatment? Yes
11. Manifolded [ ] If applicable, list the connected sources:
12. Routine [x] Special [ ] (explain below)

Notes:

II. LABORATORY ANALYTICAL INFORMATION:

Lab Name: STL WESTFIELD Lab Cert.#: MA-014
Subcontracted? (Y,N) N Lab Sample ID#: 360-3079-3
Sub. Lab Name: Sub. Lab Cert.#:
Composited [ ] If applicable, list the composited sources:

Notes:

| Compound (Regulated) | Result µg/L | MCL µg/L | Detection Limit µg/L | Analytical Method | Date Analyzed |
|---|---|---|---|---|---|
| Benzene | ND | 5.0 | 0.5 | 524.2 | 5/8/2006 |
| Carbon Tetrachloride | ND | 5.0 | 0.5 | 524.2 | 5/8/2006 |
| 1,1-Dichloroethylene | ND | 7.0 | 0.5 | 524.2 | 5/8/2006 |
| 1,2-Dichloroethane | ND | 5.0 | 0.5 | 524.2 | 5/8/2006 |
| para-Dichlorobenzene | ND | 5.0 | 0.5 | 524.2 | 5/8/2006 |
| Trichloroethylene | ND | 5.0 | 0.5 | 524.2 | 5/8/2006 |
| 1,1,1-Trichloroethane | ND | 200.0 | 0.5 | 524.2 | 5/8/2006 |
| Vinyl Chloride | ND | 2.0 | 0.5 | 524.2 | 5/8/2006 |
| Monochlorobenzene | ND | 100.0 | 0.5 | 524.2 | 5/8/2006 |
| o-Dichlorobenzene | ND | 600.0 | 0.5 | 524.2 | 5/8/2006 |
| trans-1,2-Dichloroethylene | ND | 100.0 | 0.5 | 524.2 | 5/8/2006 |
| cis-1,2-Dichloroethylene | ND | 70.0 | 0.5 | 524.2 | 5/8/2006 |
| 1,2-Dichloropropane | ND | 5.0 | 0.5 | 524.2 | 5/8/2006 |
| Ethylbenzene | ND | 700.0 | 0.5 | 524.2 | 5/8/2006 |
| Styrene | ND | 100.0 | 0.5 | 524.2 | 5/8/2006 |
| Tetrachloroethylene | ND | 5.0 | 0.5 | 524.2 | 5/8/2006 |
| Toluene | ND | 1000.0 | 0.5 | 524.2 | 5/8/2006 |
| Xylenes (total) | ND | 10000.0 | 0.5 | 524.2 | 5/8/2006 |
| Dichloromethane | ND | 5.0 | 0.5 | 524.2 | 5/8/2006 |
| 1,2,4-Trichlorobenzene | ND | 70.0 | 0.5 | 524.2 | 5/8/2006 |
| 1,1,2-Trichloroethane | ND | 5.0 | 0.5 | 524.2 | 5/8/2006 |
| Methyl Tertiary Butyl Ether | ND | 70.0 | 0.5 | 524.2 | 5/8/2006 |

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**VOC**



| Compound (Unregulated) | Result µg/L | Detection Limit µg/L | Analytical Method | Date Analyzed |
|---|---|---|---|---|
| Chloroform | ND | 0.5 | 524.2 | 5/8/2006 |
| Bromodichloromethane | ND | 0.5 | 524.2 | 5/8/2006 |
| Chlorodibromomethane | ND | 0.5 | 524.2 | 5/8/2006 |
| Bromoform | ND | 0.5 | 524.2 | 5/8/2006 |
| m-Dichlorobenzene | ND | 0.5 | 524.2 | 5/8/2006 |
| Dibromomethane | ND | 0.5 | 524.2 | 5/8/2006 |
| 1,1-Dichloropropene | ND | 0.5 | 524.2 | 5/8/2006 |
| 1,1-Dichloroethane | ND | 0.5 | 524.2 | 5/8/2006 |
| 1,1,2,2-Tetrachloroethane | ND | 0.5 | 524.2 | 5/8/2006 |
| 1,3-Dichloropropane | ND | 0.5 | 524.2 | 5/8/2006 |
| Chloromethane | ND | 0.5 | 524.2 | 5/8/2006 |
| Bromomethane | ND | 0.5 | 524.2 | 5/8/2006 |
| 1,2,3-Trichloropropane | ND | 0.5 | 524.2 | 5/8/2006 |
| 1,1,1,2-Tetrachloroethane | ND | 0.5 | 524.2 | 5/8/2006 |
| Chloroethane | ND | 0.5 | 524.2 | 5/8/2006 |
| 2,2-Dichloropropane | ND | 0.5 | 524.2 | 5/8/2006 |
| o-Chlorotoluene | ND | 0.5 | 524.2 | 5/8/2006 |
| p-Chlorotoluene | ND | 0.5 | 524.2 | 5/8/2006 |
| Bromobenzene | ND | 0.5 | 524.2 | 5/8/2006 |
| 1,3-Dichloropropene | ND | 0.5 | 524.2 | 5/8/2006 |
| 1,2,4-Trimethylbenzene | ND | 0.5 | 524.2 | 5/8/2006 |
| 1,2,3-Trichlorobenzene | ND | 0.5 | 524.2 | 5/8/2006 |
| n-Propylbenzene | ND | 0.5 | 524.2 | 5/8/2006 |
| n-Butylbenzene | ND | 0.5 | 524.2 | 5/8/2006 |
| Naphthalene | ND | 0.5 | 524.2 | 5/8/2006 |
| Hexachlorobutadiene | ND | 0.5 | 524.2 | 5/8/2006 |
| 1,3,5-Trimethylbenzene | ND | 0.5 | 524.2 | 5/8/2006 |
| p-Isopropyltoluene | ND | 0.5 | 524.2 | 5/8/2006 |
| Isopropylbenzene | ND | 0.5 | 524.2 | 5/8/2006 |
| Tert-butylbenzene | ND | 0.5 | 524.2 | 5/8/2006 |

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| Compound (Unregulated) | Result µg/L | Detection Limit µg/L | Analytical Method | Date Analyzed |
|---|---|---|---|---|
| Sec-butylbenzene | ND | 0.5 | 524.2 | 5/8/2006 |
| Fluorotrichloromethane | ND | 0.5 | 524.2 | 5/8/2006 |
| Dichlorodifluoromethane | ND | 0.5 | 524.2 | 5/8/2006 |
| Bromochloromethane | ND | 0.5 | 524.2 | 5/8/2006 |

Surrogate Recoveries (As required by EPA methods 502.1 and 524.2)

| Compound | % Recovered | QC Limits (%) |
|---|---|---|
| 1,2 Dichloroethane-d4 | 113 | 70-130 |
| 4-Bromofluorobenzene | 94 | 70-130 |

**The QA/QC required matrix spike sample information is on file at our office.**

Laboratory Director Signature and Date: C Reynolds for S. Hartmann 5/16/06

Attention: Mail TWO copies of this report to your **DEP Regional Office** within 30 days of receipt of results and no later than 10 days after the end of the reporting period.

FOR DEP/DWS USE ONLY: PLEASE INITIAL AND DATE AS COMPLETED

| Accepted: | Disapproved: | Data entered into WQTS: |
|---|---|---|
| Comments: | | |