



KAPPE ASSOCIATES, INC.
SCIENTIFIC RESEARCH DIVISION

100 WORMANS MILL COURT, FREDERICK, MD 21701 • 301-846-0210 • FAX 301-846-0808

**REPORT OF EXAMINATION
OF A WATER SAMPLE**

MD Cert. #102

VA Cert. #00080 PA Cert. #68-189

TO: John Murphy
7519 Brown Bridge Road
Highland, MD 20777

Sample Ident. No.: 608-9333
Type of Water: Drinking Water
Date (Time) Collected: 09-27-06 (1035)
Date (Time) Received: 09-27-06 (1415)
Date (Time) Examined: 09-27-06 (1515)

Nature of Submission: Routine Sample Preservation Method: Refrigeration

Name of Sample Source: Powder Room

Source Type: Well

Mun.,Inst.,Co.,Owner: John Murphy

Address: 7519 Brown Bridge Road

Chlorine Residual: 0.0 mg/L

City,County: Highland

State,Zip Code: MD 20777

Disinfection: None

pH (pH Units)(Field) = 5.6

Well Tag# HO-81-1719

Collector's Name: JS Moulton 1059-JM

Affiliation: Kappe Associates, Inc.

RESULTS OF A BACTERIOLOGICAL AND NITRATE EXAMINATIONS

| DESCRIPTION OF SAMPLE | TOTAL COLIFORM | E. COLI | TOTAL BACTERIA | NITRATE (as N) |
|-------------------------|----------------|----------------------|----------------|----------------|
| DRINKING WATER | Absent** | Absent | | 4.9 mg/L |
| EXAMINATION METHOD USED | Colilert | Colilert | SM 9215 | |
| THIOSULFATE IN SAMPLE: | Present | SAMPLE HOLDING TIME: | | Not Exceeded |

RECORD OF MPN TEST RESULTS

RESULTS EXPRESSED AS NO. OF POSITIVE TUBES/TOTAL NO. OF TUBES INNOCULATED AT EACH DILUTION

| DILUTION FACTOR | | 10 ¹ | 10 ⁰ | 10 ⁻¹ | 10 ⁻² | 10 ⁻³ | 10 ⁻⁴ | 10 ⁻⁵ |
|-----------------------|---------|-----------------|-----------------|------------------|------------------|------------------|------------------|------------------|
| STANDARD PORTION (mL) | | 10 | 1 | 1 | 1 | 1 | 1 | 1 |
| PRESUMPTIVE | 24HR | | | | | | | |
| | 48HR | | | | | | | |
| TEST * | Total | | | | | | | |
| | 48HR # | | | | | | | |
| | FECAL | | | | | | | |
| TEST | 24HR ## | | | | | | | |

* LAURYL SULFATE @ 35° C

#BGB BROTH @ 35° C

EC MEDIUM @ 44.5° C

REMARKS
and OTHER
INFORMATION

**This sample meets the federal/state Safe Drinking Water Act standards of no coliform bacteria per 100 milliliters and less than 10 milligrams nitrate nitrogen per liter.

BACTERIOLOGIST'S SIGNATURE

BACTERIOLOGIST'S NAME

DATE

Julia M. Patel

Julia M. Patel

09/29/06