



Bureau of Environmental Health  
7178 Columbia Gateway Drive  
Columbia, MD 21046-2147  
(410) 313-2640 Fax (410) 313-2648  
TDD (410) 313-2323 Toll Free 1-866-313-6300  
website: [www.hchealth.org](http://www.hchealth.org)

---

Peter L. Beilenson, M.D., M.P.H., Health Officer

June 10, 2009

DISTA FISSEHA  
5485 HARPERS FARM RD STE 200  
COLUMBIA, MD 21044

**RE: Water Sample Results**  
**4634 SHEPPARD MANOR DR**  
**Invoice #: MONITORING**

Dear DISTA FISSEHA,

We have received the results from the testing of the water sample(s) taken from the above referenced property on May 21, 2009. A description of the results and the established standards for each test is included below. Standards such as maximum contaminant levels (MCL), secondary maximum contaminant levels (SMCL), and drinking water equivalency levels (DWEL) are established by the EPA and other agencies to provide a reference for determining when action should be taken. These standards help to improve the overall quality of your water or ensure that steps are taken to treat the water to prevent you and your family from getting sick. Typically, no water is completely free of contamination but you should be concerned if the level of contamination for a particular test exceeds the standard.

A **Turbidity** sample was collected to determine the amount of suspended particulates in your water supply. The turbidity level was 13.2 nephelometric turbidity units (NTU's). The MCL for turbidity is 10.0 NTU's.

The results from the **Bacteria** testing found that bacteria was present in the sample taken from the powder room faucet and at this time is not considered safe for all uses. According to drinking water standards there should be no bacteria present.

A sample was collected to determine the levels of **Iron** in your water supply. The iron level was 1.87 parts per million. The SMCL for iron is 0.3 parts per million.

Please contact the Health Department at (410) 313-1792 between 8:30 a.m. and 4:30 p.m., Monday through Friday if you have any questions regarding these test results.



Bureau of Environmental Health  
7178 Columbia Gateway Drive  
Columbia, MD 21046-2147  
(410) 313-2640 Fax (410) 313-2648  
TDD (410) 313-2323 Toll Free 1-866-313-6300  
website: [www.hchealth.org](http://www.hchealth.org)

---

Peter L. Beilenson, M.D., M.P.H., Health Officer

Sincerely,



Hank Oswald, R.S.  
Community Hygiene Program

Enclosures



State of Maryland  
DHMH-Laboratories Administration  
Division of Environmental Chemistry  
**INORGANICS ANALYTICAL LABORATORY**  
201 W. Preston Street, Baltimore, Maryland 21201  
John M. DeBoy, Dr. P.H., Director

## Certificate of Analysis

HOWARD CO ENVIRON HEALTH  
7178 COLUMBIA GATEWAY DRIVE  
COLUMBIA, MD 21046

Lab Project No E09003224 Date Coll. 05/21/2009 Date Received: 05/21/2009 Submitted By: R. Staniewicz

Field ID: 20HW4634  
Lab No.: E09003224001

<u>Analyte</u>	<u>Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Analyzed</u>
Turbidity	EPA 180.1	13.2	NTU	05/22/2009

### Comments:

Approved by: \_\_\_\_\_

Approval date: 05/26/2009

This document contains confidential health information that is privileged, confidential and exempt from disclosure under law. If you have received this information in error, please call (410) 767-5034 and arrange for return or destruction.

STATE OF MARYLAND  
DEPARTMENT OF HEALTH AND MENTAL HYGIENE  
LABORATORIES ADMINISTRATION

201 W. Preston Street  
P.O. Box 2355, Baltimore, MD 21203  
John M. DeBoy, Dr. P.H., Director

016163

Category Code 4F Lab. No. \_\_\_\_\_

**Bacteriological Drinking Water Report**

**Field Record**

<b>Sample Type:</b>	Source <u>Duck Pond</u>		
Community <input type="checkbox"/>	Location <u>4634 Shippard Drive</u>		
Non-Community <input type="checkbox"/>	Iced: Yes <input type="checkbox"/> No <input type="checkbox"/>	<input type="checkbox"/> a.m.	
Non-Transient <input type="checkbox"/>	Treated: Yes <input type="checkbox"/> No <input type="checkbox"/>	Time Collected <u>9:30</u>	<input type="checkbox"/> p.m.
Private <input checked="" type="checkbox"/>	Collector# <u>18000</u>	Bottle No. <u>20144634</u>	
Check Sample <input type="checkbox"/>	Collector Name <u>Shroy</u>	County <u>Anne Arundel</u>	
C.O.P <input type="checkbox"/>			
<b>Test Requested:</b>	<input checked="" type="checkbox"/> 13	<input type="checkbox"/>	<input type="checkbox"/> 5 21 09
Quantitative <input checked="" type="checkbox"/>	County	Plant No.	Sampling Station
P/A <input type="checkbox"/>			Date Collected
MTF <input type="checkbox"/>			
SPC <input type="checkbox"/>	pH <u>6.8</u>	Res. Cl: Free <input type="checkbox"/>	Total <input type="checkbox"/>

**LABORATORY RECORD**

Thiosulfate: Pres.  Absent  Undetermined

**PRESUMPTIVE MTF • P/A TEST\***

**CONFIRMED • P/A TEST**

ml of Sample	10 ml.	100 ml.	ml of Sample	10 ml.	100 ml.	No. of +
Gas, 24 hours			Coliforms +			
Gas, 48 hours			Fecal Coliforms +			

**P/A TEST (CONFIRMED) \*\*\***

**QUANTITATIVE TEST (CONFIRMED) \*\*\***

ml. of Sample	100 ml.
Total Coliforms	
E. coli	

100 ml. of Sample	No. of Pos	MPN
Total Coliforms	<u>51</u>	<u>7201</u>
E. coli	<u>0</u>	<u>21</u>

SPC Plate: A  B

24.48.72 hrs/Heterotrophic Plate Count (HPC/ml) § =

Temp. Control 6.0 °C

\* using Lauryl Sulfate Trypticase Broth at 35° C incubation  
 † using Brilliant Green Lactose Bile Broth at 35° C incubation  
 ‡ using EC Broth at 44.5° C incubation  
 § using Plate Count Agar at 35° C incubation  
 \*\*\* using ONPG-MCG at 35° C incubation

Remarks \_\_\_\_\_

Date & Hour	Laboratory
<u>MAY 21 '09 PM 2:02</u>	
<u>MAY 21 '09 PM 2:21</u>	
<u>MAY 22 '09 PM 2:59</u>	

Rec.d EMP E. SHORE REG.   
 Exam EMP CENTRAL  W. MD REG.   
 Rept. EMP Bacteriologist A. Player

Send Report To:

Howard County Health Department  
Bureau of Environmental Health  
7178 Columbia Gateway Drive  
Columbia, Maryland 21046

State of Maryland  
DHMH - Laboratories Administration  
Division of Environmental Chemistry  
**MULTI-ELEMENT SECTION**  
201 W. Preston Street, Baltimore, Maryland 21201  
John M. DeBoy, Dr. P.H. Director

Lab No. Date Received

A 792383 21 09

  
**E09003223001**  
Received: 05/21/2009  
Metals 20hw4634

**LABORATORY ANALYSIS REQUEST**

Sample ID No: 20HW4634 Site Name: Dosta Fischez County: Howard

Sample Source: 4634 Sheppard Manor Ellicott City Collector: [Signature]  
Street Town or City

Date Collected: 5/21/2009 Time Collected: 9:30 a.m. \_\_\_\_\_ p.m. Phone #: 4103134259

Field Preserved: Yes  No  Preservative Used:  HNO<sub>3</sub>

Sample Type:  Drinking Water  Landfill  Source (Raw Water)  Liquid  
 Community (MCL)  Stream  Distribution (Treated)  Solid  
 Non-Community  Sediment  Other  
 Private

Specify Program:  SDWA  NPDES  CWA  RCRA  Consumer Products  Other \_\_\_\_\_

Type of Sample Preparation:  TCLP Total Metals  Total Metals  Dissolved Metals  
(field preparation required)

Remarks:

Howard

✓	Element	Date/Analyst	Results (ppm)	✓	Element	Date/Analyst	Results (ppm)
	Antimony				Copper		
	Arsenic				Lead		
	Barium				Aluminum		
	Beryllium				Calcium		
	Cadmium			<input checked="" type="checkbox"/>	Iron		1.87
	Chromium				Magnesium		
	Mercury				Manganese		
	Nickel				Potassium		
	Selenium				Silver		
	Sodium				Zinc		
	Thallium						

Section Chief: [Signature]

Date Reported: 5/29/2009

0.5



**Partial List of Submitter Codes**

<u>Code</u>	<u>Description</u>	<u>Code</u>	<u>Description</u>
1-30	County Codes	53	Chesapeake Bay & Special Projects
41	Individual Septics & Wells Program	59	Standards & Certification Program
42	Public Drinking Water	63	Division of Food Control
43	Recreational Sanitation & Migrant Camps, DHMH	64	Engineering & Maintenance, DHMH
44	STP Inspection Division	65	Division of Community Services
45	Hazardous & Solid Waste Admin. (Landfill Samples)	66	Office of Attorney General
46	Pre-Treatment Enforcement Division	67	Dept. of General Services
48	Licensing and Certification, DHMH	77	E.P.A.
52	Water Quality Monitoring Program	91	State Highway Administration
		96	L.U.S.T./U.S.T./CERCLA
		99	Unknown

**Codes for Federally Funded Projects (leave box blank if not federal)**

<u>Code</u>	<u>Description</u>	<u>Code</u>	<u>Description</u>
S	Safe Drinking Water Act (SDWA)	N	National Pollution Discharge Elimination System (NPDES)
R	Resource Conservation and Recovery Act (RCRA)	M	Miscellaneous (Other)

**Partial List of Data Category Codes**

<u>Code</u>	<u>Description</u>	<u>Code</u>	<u>Description</u>
1F	Sediment Samples	2F	Innovative Disposal
2A	Industrial Effluents/Compliance	5A	Solid Waste/Landfills
2B	Industrial Grab	5B	Kidney Dialysis
2C	Municipal Compliance	5C	Commercial Bottled Waters
2D	Municipal Grab	5D	Misc. Wastewaters
4A	MCL Surveys	5E	Misc. River/Stream
4B	Routine Monitoring & Other Communities	5F	Misc. Drinking Water
4D	Potable - County Community	5G	Swimming Pools
4E	Potable - Non Community	5H	Marine or Estuarine Natural Bathing Areas
4F	Potable - Private Wells		
4G	Real Estate Trans./Charge Samples		

12.5

**Partial List of Error Codes**

<u>Code</u>	<u>Description</u>	<u>Code</u>	<u>Description</u>
A	Laboratory Accident	J	Wrong sample type
C	Mechanical/Materials failure	RR	No sample received
D	Insufficient Sample	X	Improper preservation
E	Sample past holding time	LL	Mislabeled sample

DEPARTMENT OF HEALTH AND MENTAL HYGIENE  
LABORATORIES ADMINISTRATION

201 W. Preston Street

P.O. Box 2385, Baltimore, MD 21203

John M. DeBey, Dr. P.H., Director

Category Code 4P Lab. No. 6168  
Bacteriological Drinking Water Report

Field Record

Source: Drake Falls Ball's Pond  
 Location: 4634 Shoppard Manor  
 Iod: Yes  No  P.A.M.  
 Treated: Yes  No  Time Collected: 9:30 P.M.  
 Collector: PROVET Bottle No. 2044632  
 Collector Name: Shannon County  
 County: 13 Plant No. 5 Sampling Station: 5-21-09  
 Date Collected: 5-21-09  
 pH: 6.8 Res. Cl. Free: 0.0 Turbidity: 0.0

LABORATORY RECORD

Thiosulfate: Pres.  Absent  Undetermined

PRESUMPTIVE MTF • P/A TEST\*

ml of Sample	10 ml	100 ml	ml of Sample	10 ml	100 ml	No. of +
Coliforms			Coliforms			
Coliforms			Coliforms			

CONFIRMED • P/A TEST

ml of Sample	10 ml	100 ml	ml of Sample	10 ml	100 ml	No. of +
Coliforms			Coliforms			
Coliforms			Coliforms			

QUANTITATIVE TEST (CONFIRMED)\*\*\*

100 ml of Sample	No. of Pos	MFN
Total Coliforms	<u>51</u>	<u>220</u>
E. coli	<u>21</u>	

SPC Plate: A  B   
24.48 72 turbidimetric Plate Count (HPCm)  $\bar{x}$  =

Temp. Control 6.0 dry

- \* using Luria/ Sulfite Trypticase Broth at 35° C incubation
- † using Brilliant Green Lactose Bile Broth at 35° C incubation
- ‡ using BC Broth at 44.5° C incubation
- § using Plate Count Agar at 35° C incubation
- \*\*\* using ONPG-MOS at 35° C incubation

Remarks: \_\_\_\_\_ Date & Hour: MAY 21 09 PM 2:02 Laboratory: \_\_\_\_\_

Rec'd: LMF E. SHORE REG.   
 Exam: LMF CENTRAL  W. MD REG.   
MAY 21 09 PM 2:21  
MAY 22 09 PM 2:59

410-964-8391  
 Aft. VM inform. re: test. they called. per Reg Dist. they calline after we R open. on 1st day they before recommend 15 min. before write for or using for double or using for cooling 5/23/09 cooling 5/24/09