

DRINKING WATER MICROBIAL SAMPLE COLLECTION
& LABORATORY REPORT FORMAT
(62-350.730 Reporting Format Effective 01/95, Revised 02/2010)



571 NW Mercantile Place, Suite 111, Port St. Lucie, FL 34986
Phone: 772-343-8006 Fax: 772-343-8089

FLDOH Lab Certification #E86562

Report Number: 408144 Subcontract Lab ID: _____

- Analysis Requested:** (check all that apply then circle appropriate selection below)
- Total Coliform/*E. coli* Total Coliform/Fecal Enterococci
- Coliphage HPC Other: _____

2 of 2

Lab Receipt Date & Time: km 7/30 1520

Analysis Date & Time: 7-30-19 4:05P

Sample Acceptance Criteria:

Sample Preservation: On Ice Not On Ice 2.9 °C

Disinfectant Check: Not Detected _____ mg/L

This sample does not meet the following NELAC requirements:

Public Water System (PWS) Name: City of Titusville **PWS I.D.#** _____

PWS Address 2836 Garden Street **City** Titusville

PWS or PWS Owner's Phone # 321-383-5643 **Fax #** 321-723-1205

Collector: B. Mico, Aquatest Services, Inc. **Collector's Phone #** 321-728-5789

Type of Supply (check only one)

- Community Water System Non-Transient Non-community Water System Transient Non-community Water System
- Limited Use System Bottled Water Private Well Swimming Pool Other _____

Reason for Sampling: (check all that apply) **South Lake Elementary School, 3755 Garden Street (page 2 of 2)**

- Distribution Routine Distribution Repeat Raw (triggered or assessment) Raw (triggered or assessment) additional Well Survey
- Clearance Replacement (also check type of sample being replaced) Boil Water Notice Other _____

Sample Collection Date: 07/29/19 **Absent, P = Present, C = Confluent Growth, TNTC = Too Numerous To Count**

To be completed by collector of sample						To be completed by lab				
Sample Number	Sample Point (Location or Specific Address)	Collection Time	Sample Type ¹	Disinfect Res'd (mg/L)	pH	Method: <input checked="" type="checkbox"/> Colilert18				
						Non Coliform	Total Coliform	Fecal, E. coli Enterococci	Q*	Lab Sample#
19073-6	S.P. #6 Room 006, Clinic	1347	S	3.0			<u>AA</u>			<u>DW6</u>

Average of disinfectant residuals for distribution routine and repeat samples²:

²Complete for community and non-transient non-community systems serving populations up to and including 4,900. Do not include raw or plant samples in the average.

Free chlorine or Total chlorine (circle one).

Disinfectant Residual Analysis Method: DPD Colorimetric Other: _____

Person performing disinfectant analysis is: Employed by DEP or DOH Employed by a certified lab

A certified operator # _____ Supervised by cert operator # _____ Authorized representative of water supplier

Unless otherwise noted, all tests are performed in accordance with NELAC standards, and the results relate only to the samples.

Date & time PWS notified by lab of positive results: _____

Date & time DEP/DOH notified by lab of positive results: _____

Date Report Issued: _____

Name and Mailing Address of Person to Receive Report

Aquatest Services, Inc.
597 Chippewa Avenue NE
Palm Bay, Florida 32907

Lab Signature: _____

Title: Technical Director or Lab Designee

DEP/DOH USE ONLY

Satisfactory

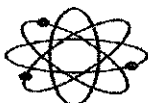
Incomplete Collection Information

Repeat Samples Required

Replacement Samples Required

Date Reviewed by DEP/DOH: _____

DEP/DOH Reviewing Official: _____



FLOWERS CHEMICAL LABORATORIES INC.

P.O. Box 150597, Altamonte Springs, FL 32715-0597
573 NW Mercantile Pl, Suite 111, Port St. Lucie, FL 34986
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3980 Overseas Hwy, Suite 103, Marathon, FL 33050

Phone: 407-339-5984 E83018 (Main Lab)
Phone: 772-343-8006 E86562 (South Lab)
Phone: 850-973-6878 E82405 (North Lab)
Phone: 305-743-8598 E35834 (Keys Lab)

Aquatest Services, Inc.
597 Chippewa Avenue NE
Palm Bay, FL 32907

PO #: n/a
Client Project #: South Lake Elementary School
Date Sampled: Jul 29, 2019
Aug 5, 2019; Invoice: 407999

Report Summary

Date Received: Jul 31, 2019

FCL Project Manager: William J. Rogers

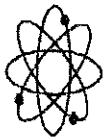
Laboratory #	Sample Description	Analysis	Chemist	Location	Sample Matrix
407999DW1	Kitchen	EPA200.7 EPA200.8	EVB EVB	Main Lab Main Lab	Drinking Water
407999DW2	Classroom 17	EPA200.7 EPA200.8	EVB EVB	Main Lab Main Lab	Drinking Water
407999DW3	Lab1-001 Fountain	EPA200.7 EPA200.8	EVB EVB	Main Lab Main Lab	Drinking Water
407999DW4	Rm 118 Fountain	EPA200.7 EPA200.8	EVB EVB	Main Lab Main Lab	Drinking Water
407999DW5	Rm 33 Classroom	EPA200.7 EPA200.8	EVB EVB	Main Lab Main Lab	Drinking Water
407999DW6	Rm 006 Clinic	EPA200.7 EPA200.8	EVB EVB	Main Lab Main Lab	Drinking Water

Certificate of Results

Sample integrity was certified prior to analysis. Test results meet all requirements of the NELAC Standards except as noted in the Quality Control Report. Uncertainties for these data are available on request. This report may not be reproduced in part; results relate only to items tested.



Jefferson S. Flowers, Ph.D.
President/Technical Director



FLOWERS CHEMICAL LABORATORIES INC.

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Aquatest Services, Inc.
597 Chippewa Avenue NE
Palm Bay, FL 32907

PO #: n/a
Client Project #: South Lake Elementary School
Date Sampled: Jul 29, 2019
Aug 5, 2019; Invoice: 407999

Analysis Report

Lab #:	Sampled:	Desc:	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
407999DW1	07/29/19 01:15 PM	Kitchen	0.00580	mg/L	1.00	0.00100	0.00200	10410324	EPA200.8	7440-50-8	08/01/19
			0.00100	U	1.00	0.00100	0.00200	10410324	EPA200.8	7439-92-1	08/01/19
			0.0100	U	1.00	0.0100	0.0200	10410357	EPA200.7	7439-89-6	08/01/19
407999DW2	07/29/19 01:25 PM	Classroom 17	0.00580	mg/L	1.00	0.00100	0.00200	10410324	EPA200.8	7440-50-8	08/01/19
			0.00100	U	1.00	0.00100	0.00200	10410324	EPA200.8	7439-92-1	08/01/19
			0.0100	U	1.00	0.0100	0.0200	10410357	EPA200.7	7439-89-6	08/01/19
407999DW3	07/29/19 01:33 PM	Lab1-001 Fountain	0.0146	mg/L	1.00	0.00100	0.00200	10410324	EPA200.8	7440-50-8	08/01/19
			0.00100	U	1.00	0.00100	0.00200	10410324	EPA200.8	7439-92-1	08/01/19
			0.0100	U	1.00	0.0100	0.0200	10410357	EPA200.7	7439-89-6	08/01/19
407999DW4	07/29/19 01:37 PM	Rm 118 Fountain	0.0219	mg/L	1.00	0.00100	0.00200	10410324	EPA200.8	7440-50-8	08/01/19
			0.00100	U	1.00	0.00100	0.00200	10410324	EPA200.8	7439-92-1	08/01/19
			0.0110	U	1.00	0.0100	0.0200	10410357	EPA200.7	7439-89-6	08/01/19
407999DW5	07/29/19 01:41 PM	Rm 33 Classroom	0.0691	mg/L	1.00	0.00100	0.00200	10410324	EPA200.8	7440-50-8	08/01/19
			0.00100	U	1.00	0.00100	0.00200	10410324	EPA200.8	7439-92-1	08/01/19
			0.0100	U	1.00	0.0100	0.0200	10410357	EPA200.7	7439-89-6	08/01/19



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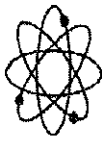
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 Phone: 305-743-8598 E35834 (Keys Lab)

Aquatest Services, Inc.
 597 Chippewa Avenue NE
 Palm Bay, FL 32907

PO #: n/a
 Client Project #: South Lake Elementary School
 Date Sampled: Jul 29, 2019
 Aug 5, 2019, Invoice: 407999

Lab #:	407999DW6	Sampled:	07/29/19 01:47 PM	Desc:	Rm 006 Clinic				
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Copper	0.00320	mg/L	1.00	0.00100	0.00200	10410324	EPA200.8	7440-50-8	08/01/19
Lead	0.00100	U	1.00	0.00100	0.00200	10410324	EPA200.8	7439-92-1	08/01/19
Iron	0.0100	U	1.00	0.0100	0.0200	10410357	EPA200.7	7439-89-6	08/01/19



FLOWERS CHEMICAL LABORATORIES INC.

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 817 SW Harvey Green Dr, Madison, FL 32340 Phone: 850-973-6878 E82405 (North Lab)
 3980 Overseas Hwy, Suite 103, Marathon, FL 33050 Phone: 305-743-8598 E35834 (Keys Lab)

Aquatest Services, Inc.
 597 Chippewa Avenue NE
 Palm Bay, FL 32907

PO #: n/a
 Client Project #: South Lake Elementary School
 Date Sampled: Jul 29, 2019
 Aug 5, 2019; Invoice: 407999

Quality Report

Quality Control Batch: 10410324

Analyst: EVB
 Result Units
 0.00100U mg/L
 0.00100U mg/L

Laboratory Control Sample

Result Units Spike %REC %REC Lim
 0.111 mg/L 0.100 111.30 80.00-120.00
 0.101 mg/L 0.100 101.10 80.00-120.00

Matrix Spike

Result Units Spike %REC %REC Lim
 0.176 mg/L 0.150 111.87 80.00-120.00
 0.164 mg/L 0.150 109.13 80.00-120.00

Matrix Spike Duplicate

Result Units Spike %REC %REC Lim RPD RPD Lim
 0.166 mg/L 0.150 105.07 80.00-120.00 5.97 20.00
 0.153 mg/L 0.150 102.13 80.00-120.00 6.63 20.00

Quality Control Batch: 10410357

Analyst: EVB
 Result Units
 0.0100U mg/L

Laboratory Control Sample

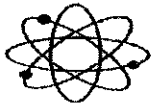
Result Units Spike %REC %REC Lim
 5.09 mg/L 5.00 101.73 80.00-120.00

Matrix Spike

Result Units Spike %REC %REC Lim Lab Number
 4.72 mg/L 5.00 93.59 80.00-120.00 0.0421 408015DW1

Matrix Spike Duplicate

Result Units Spike %REC %REC Lim RPD RPD Lim
 4.88 mg/L 5.00 96.69 80.00-120.00 0.0421 3.22 20.00



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Aquatest Services, Inc.
597 Chippewa Avenue NE
Palm Bay, FL 32907

PO #: n/a
Client Project #: South Lake Elementary School
Date Sampled: Jul 29, 2019
Aug 5, 2019; Invoice: 407999

Narrative Report

Sample Handling

Sample handling and holding time criteria were met for all samples. Samples collected by submitter. No unusual events occurred during analysis. Results are reported on a wet weight basis for aqueous matrices and on a dry weight basis for sludge and soil matrices unless otherwise noted.

Quality Control

Enclosed analyses met method or FCL criteria, unless otherwise denoted on the sample results. Applied data qualifiers are defined below.

Attachments

Chain of Custody

Qualifier	Meaning
U	Compound was analyzed for but not detected.
J	Estimated value; one or more QC components associated with this data value exceed current QC limits.
Q	Sample held beyond the accepted holding time.
L	Off-scale high; reported concentration exceeds the highest standard.
V	Analyte was detected in both the sample and the associated method blank.
W	The dissolved oxygen blank was above 0.2 mg/L but less than the MDL.
Z	Too numerous to count colonies on plate.
A	Absent
P	Present
T	Value reported is less than the statistical method detection limit. Reported for informational purposes only.
M	Value reported is greater than the statistical method detection limit, but less than the reported MDL.
G	The greatest of the dilutions performed did not yield sufficient oxygen depletion for valid data.
S	The least of the dilutions performed did not yield sufficient oxygen residual for valid data.
O	Result is greater than (over) the specified value.
I	Reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
B	Results based upon colony plate count outside ideal range.
Y	The laboratory analysis was from an improperly preserved sample. The data may not be accurate.



Check Box That Applies To Your Location

Flowers Chemical Laboratories, Inc. 481 Newburyport Ave. Attamonte Springs, FL 32701
 Bus: 407-333-6984 Fax: 407-260-6113

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 Bus: 772-343-8006 Fax: 772-343-8089

Flowers Chemical Labs-North 812 S.W. Harvey Greene Dr. Madison, FL 32340
 Bus: 850-973-6878 Fax: 850-973-6878

Flowers Chemical Labs-Keys 3880 Overseas Highway, Ste. 103 Marathon, FL 33050
 Bus: 305-743-8598 Fax: 305-743-8598

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Client: Aquatest Services Project Name: South Lake Elementary School P.O.#
 Address: 5155 Garden Street Client Contact: Missville FAX
 FCL Project Manager: Missville EMAIL

Phone: 321-728-5789 Requested Due Date: OR Rush Charges May Apply
 Sampled by (PRINT): B. Mico Pick-Up Fee: \$ Vehicle Surcharge: \$ Sampling Fee: \$

Sample of Signature: B. Mico Date Sampled: 7-29-19

ITEM NO.	SAMPLE ID	DATE	TIME	MATRIX	LAB USE ONLY LAB NO.	PRESERVATIVES				ANALYSES REQUEST	COMMENTS
						NON	H ₂ O ₂	HNO ₃	H ₂ SO ₄		
1	Kitchen	7/29	1315	DW	407999Dw1						19073 CS
2	Classroom 17	"	1325	"	Dw2						3.0
3	Lab 1-01 Fountain	"	1335	"	Dw3						1.8
4	Rm 118 Fountain	"	1337	"	Dw4						3.4
5	Rm 33 Classroom	"	1341	"	Dw5						3.0
6	Rm 006 Clinic	"	1347	"	Dw6						3.0
7											
8											
9											
10											

Relinquished By / Affiliation	Date	Accepted By / Affiliation	Date	Relinquished By / Affiliation	Date	Accepted By / Affiliation	Date

FINANCE CHARGES APPLIED TO PAST DUE INVOICES

• WHITE - Lab Copy - To Be Scanned • YELLOW - Client Copy

8.00

From File

1993 South Lake Elem.

Drinking Water test Data

Client

Company Name Broward Co. Public Schools
 Contact Name Rod Smith
 Address 2100 St. Johns St State FL Zip 31940-6699
 City Melbourne
 Phone: 633-1000 ext 653 Fax _____

Project # _____
 P.O. # _____

Project Name _____

Results due (date/time) _____
 Fax the results Yes No

Geos cooler used Returned to G
 Client cooler used Returned to C

Handwritten: ANALYSIS
 C.P. 132
 Ge Lab I

Sample #	Sample Description	Matrix	Date/Time	# of Cont.
011	Rm 008		4/23/93 6AM	
2005	Clinic		4/23/93 7AM	
S1F94 0001	Girls Bathroom		4/23/93 7AM	
S1F94 0002	womans bathroom		4/23/93 7AM	
S1F94 0003	Rm 37		4/23/93 7AM	
S1F94 0004	Kitchen		4/23/93 7AM	
S1F94 0005	Girls bathroom		4/23/93 7AM	
WH094 0001	Clinic		4/23/93 7AM	
WH094 0002	Girls Restroom		4/23/93 7AM	
WH094 0003	office wet area		4/23/93 7AM	
WH094 0004	Kitchen		4/23/93 7AM	
WH094 0005				

Time	Accepted By	Sampler's Signature
132		
45 71		
45 11		
45 410		
45 34		
45 410		
45 40		
45 410		
45 450		
154 1454		
19.1 46		

Transfer: _____ Requisitioned By: _____ Transported Via: _____ Date: _____

Handwritten: Richard Smith

Handwritten: MORMANN
 TAKE
 HILLS

EEG000005389
Attn: 305-856-7458

EE & G
2600 S.W. THIRD AVE.
2ND FLOOR
MIAMI, FL 33129

Page 4
12 May 1993
Report T3-04-153-04
LAB ID. 84271,E84060,86119,82101,82223

Sample Description:
SLF940001 CLINIC

SAMPLE ID.: SLF940001 CLINIC
COLLECTED: 04/23/93
RECEIVED: 04/27/93
COLLECTED BY: YOUR REP

Parameter	Result	Units	Method	Det. Limit	Extracted	Analyzed	Analyst
Copper, Total	21	ug/L	220.2			05/05/93	MC
Lead, Total	<5	µg/l	239.2			05/07/93	THB

**** BDL INDICATES ANALYTE IS BELOW DETECTABLE LEVELS
ALL ANALYSIS PERFORMED BY EPA, ASTM, OR STANDARD METHODS



Wayne Vermeychuk, Acting Laboratory Mgr.

EEG000005389
Attn: 305-856-7458

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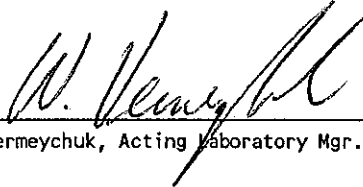
Page 5
12 May 1993
Report T3-04-153-05
LAB ID. 84271,E84060,86119,82101,82223

Sample Description:
SLF940002 WOMANS BATHROOM

SAMPLE ID.: SLF940002 WOMANS BATHROOM
COLLECTED: 04/23/93
RECEIVED: 04/27/93
COLLECTED BY: YOUR REP

Parameter	Result	Units	Method	Det. Limit	Extracted	Analyzed	Analyst
Copper, Total	11	ug/L	220.2			05/05/93	MC
Lead, Total	<5	µg/l	239.2			05/07/93	THB

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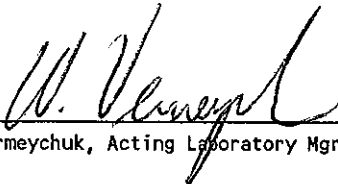
Page 6
12 May 1993
Report T3-04-153-06
LAB ID. 84271,E84060,86119,82101,82223

Sample Description:
SLF940003 WOMANS BATHROOM

SAMPLE ID.: SLF940003 WOMANS BATHROOM
COLLECTED: 04/23/93
RECEIVED: 04/27/93
COLLECTED BY: YOUR REP

Parameter	Result	Units	Method	Det. Limit	Extracted	Analyzed	Analyst
Copper, Total	<10	ug/L	220.2			05/05/93	MC
Lead, Total	<5	µg/l	239.2			05/07/93	THB

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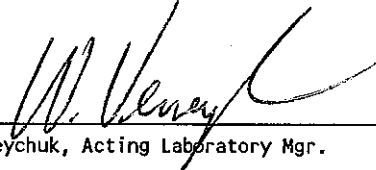
Page 7
12 May 1993
Report T3-04-153-07
LAB ID. 84271,E84060,86119,82101,82223

Sample Description:
SLF940004 ROOM 37

SAMPLE ID.: SLF940004 ROOM 37
COLLECTED: 04/23/93
RECEIVED: 04/27/93
COLLECTED BY: YOUR REP

Parameter	Result	Units	Method	Det. Limit	Extracted	Analyzed	Analyst
Copper, Total	34	ug/L	220.2			05/05/93	MC
Lead, Total	<5	µg/l	239.2			05/07/93	THB

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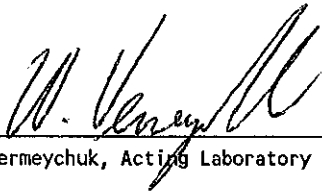
Page 8
12 May 1993
Report T3-04-153-08
LAB ID. 84271,E84060,86119,82101,82223

Sample Description:
SLF940005 KITCHEN

SAMPLE ID.: SLF940005 KITCHEN
COLLECTED: 04/23/93
RECEIVED: 04/27/93
COLLECTED BY: YOUR REP

Parameter	Result	Units	Method	Det. Limit	Extracted	Analyzed	Analyst
Copper, Total	<10	ug/L	220.2			05/05/93	MC
Lead, Total	<5	µg/l	239.2			05/07/93	THB

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