

Kasey Lake / Lake Dot

Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: CEN-DIST

Requester: Michael Linger

Field Report Prepared By:

Katie Williams

Project ID: SMP

Collected By:

Leif Boman

Sampling Agency:

2IFLCEN

Location	Lake Dot @ Center		G2CE0067 Field ID ↑ STORET ↓ G2CE0067		☐ Comp ☒ Grab Collection (comp begin or grab) Date 3/1/17 Time 1155 Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)	
Field ID					Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 10.4 ☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) n/a	
STORET #	RQ-2017-02-27-57 Date: 03/01/17				Temp (C) 24.1	pH 7.5	Sample Depth 0.3 ☐ ft ☒ m	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) 0.04	Comments			A
Location	Kasey Lake @ Center		G2CE0011 Field ID ↑ STORET ↓ G2CE0011		☐ Comp ☒ Grab Collection (comp begin or grab) Date 3/1/17 Time 1105 Eastern Central	Composite end Date Time	Bottle Group(s)	
Field ID					Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen 9.0 ☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) n/a	
STORET #	RQ-2017-02-27-57 Date: 03/01/17				Temp (C) 23.0	pH 7.1	Sample Depth 0.3 ☐ ft ☒ m	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt) 0.10	Comments			A
Location					☐ Comp ☐ Grab Collection (comp begin or grab) Date Time Eastern Central	Composite end Date Time	Bottle Group(s)	
Field ID					Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen ☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
STORET #					Temp (C)	pH	Sample Depth ☐ ft ☐ m	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments			
Location					☐ Comp ☐ Grab Collection (comp begin or grab) Date Time Eastern Central	Composite end Date Time	Bottle Group(s)	
Field ID					Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen ☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
STORET #					Temp (C)	pH	Sample Depth ☐ ft ☐ m	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)	Comments			

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
				Tyler Reynolds	03/02/17 10:05a

Group: A	Bottle Type: P-250ML-WI-THI CD-FLR-ECQ	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2 Sent to Flowers
Group: A	Bottle Type: QPCR-P-250ML PCR-FILTER	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab	4
Group: A	Bottle Type: BG-1L W-SUC-AA-R W-UHERB-AA	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2

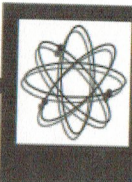
 **Flowers Chemical
Laboratories, Inc.**

 **Flowers Chemical
Labs-South**

 **Flowers Chemical
Labs-North**

**Flowers Chemical
Labs-Keys**

FLOWERS
CHEMICAL
LABORATORIES
INCORPORATED



Client
Department of Environmental Protection
Address
3319 Maguire Blvd Ste 232
Orlando, FL 32803

Phone 407 897 4100

Sampled By (PRINT):

Sampled By (PRINT): Leif Boman / Kate Williams
 Sampler Signature Leif Boman Date Sampled: 10/1/11

Sampler Signature

Date Sampled

GW - ground water DW - drinking water WW - wastewater
SW - surface water SO - soil/solid SL - sludge HW - waste

Project Name	
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Ref: KQ-2017-02-27-57

P.O. #	
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AF3150

Client Contact	
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	FAX
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FCL Project Manager

E-MAIL

Requested Due Date

10 Day Standard

OR

M

0

vw

Rush Charges May Apply

Pick-Up Fee	
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Vehicle
Surcharge

Sampling Fee

1

PRESERVATIVES

ANALYSES
REQUEST

/ COMMENTS

Total # Containers

3.1.02

FINANCE CHARGES APPLIED TO PAST DUE INVOICES

- **YELLOW** - Client Copy

Printed: 3/2/2017 11:45:51 AM

Page 1 of 1

Date of Request: 09-FEB-2017
Created By: LINGER_M On: 09-FEB-2017
Modified By: SWANSON_C On: 10-FEB-2017
Customer: CEN-DIST
Project: SMP
Division:
District: Central District
Sampling Event: Kasey Lake / Lake Dot

Send Coolers To:

Phone: 407-897-4180
FL Dept. of Environmental Protection
3319 Maguire Blvd., Suite 232
Orlando, FL 32803-3767
Attn: Mike Linger

Program Module Number: 1306
Priority: 3
Event Status: S
Criminal Investigation: NO
Chemistry Request Reviewed By: WATTS_J On: 10-FEB-2017
Biology Request Reviewed By: SWANSON_C On: 10-FEB-2017
Sampling Kit Required: YES Ship on: 21-FEB-2017
Sampling Kit Shipped: YES On: 20-FEB-2017
Sampling Kit Packed By: KITCHEN_S
Preservatives Needed: NO
Date to Receive Samples: 27-FEB-2017
Received By:

Send Final Report To:

FL Dept. of Environmental Protection
3319 Maguire Blvd., Suite 232
Orlando, FL 32803-3767
Attn: Mike Linger

Report Type: Final Only
FTP Data: NO
QC Report: YES
Date Log: NO
Authorization Log: NO

Comments:

Bottle Group A (Water) With 2 Samples:

Bottle Type: CD-FLR-ECQ	Number of Bottles: 2	Preserved With: ICE
Template: DEFAULT	(SM 9223 Quanti-Tray)	Escherichia coli by Colilert 18 Quanti-Tray method by FlowersOverflow Laboratory for Central District
Bottle Type: QPCR-P-250ML	Number of Bottles: 4	Preserved With: ICE
PCR-FILTER	Template: DEFAULT	(SOP-PCR-4.0) Preparation of Samples by Filtration and held for qPCR Analysis
Bottle Type: BG-1L	Number of Bottles: 2	Preserved With: ICE
W-SUC-AA-R	Template: DEFAULT	(EPA 8321B) Analysis of sucralose in water matrices by HPLC/MS/MS
W-UHERB-AA	Template: DEFAULT	(USGS O-2060-01) Urea herbicides and other chemicals in water matrices by HPLC/MS/MS

* - The laboratory is not NELAP certified for this analyte/method, or certification is not applicable.

Log-in Checklist

RQ- 2017-02-27-57

Shipping Method: Fedex

Date/Time of Receipt: 03/02/17 10:05 am

Cooler ID	Cooler Temperature*	No. Sample Containers in Cooler	Evidence Tape				Tracking # (fill out only if waybill copy is damaged)
			Present?		*Intact?		
Yes	No	Yes	No	Yes	No		
Red	0.6	6		✓			811171110671

*If the temperature of a cooler is above 6.0 °C (or above 10.0 °C for W-1-4-DIOX), or if Evidence Seal is damaged, identify the containers in the affected cooler(s) on back of this form.

****Note:** If "No" is checked in any of the fields below, fill out the back of this form with additional details (Field ID, Test IDs, etc.) and generate an NCR.

**Chain of Custody/ Field Sheet(s) Included? Yes ☒ No ☐

CONTAINER CHECK

**Evidence Tape on Bottles? Yes ☐ No ☒ If yes, is it intact? Yes ☐ No ☐

**Caps on tight? Yes ☒ No ☐ **Containers intact? Yes ☒ No ☐

**Sufficient Sample Volume: Yes ☒ No ☐

CHLORINE CHECK (Blue dot on container)

Check the Box marked "Yes" or "No" for the Presence of Chlorine. If Cl detected, an NCR is required.					
Analysis	Yes	No	Analysis	Yes	No
W-1,4 DIOX			W-PC-AA-SF		
W-AHERB-AA (-AHB-AA-R)			W-PCL-SQ (-R)		
W-BNA (-625, -R)			W-PDQUAT		
W-CARB-AA (-CAB-AA-R)			W-PESTNP-R		
W-ENDO-AA			W-PSCL-TQ		
W-GLYPH			W-PSNP-TQ		
W-NP-AA-SF			W-PST-CL-R		
W-PAH (-R)			W-TR-TQ		
W-PCB-R			W-CT-CI-R		

PRESERVATION CHECK (EXCLUDING SAMPLES SENT TO OVERFLOW LABS, "OV-")

**Acid Preserved Samples: pH ≤ 2.0? Yes ☐ No ☐ NA ☒ Init: ML

**W-1-4-DIOX (Green dot on container) preserved to pH < 4.0? Yes ☐ No ☐ NA ☒ Init: ML

Coolers Unpacked/Checked by: ML Date: 03/02/17 NCRs (Y/N)? N

Event ID: CEN-DIST-2017-03-02-01 NCR #

Log-in Checklist

Samples with Incorrect pH Preservation or presence of Chlorine

Field ID	Bottle Test ID(s)	pH / Cl	Action Taken

Samples in Coolers with Incorrect Preservation or Damaged Evidence Tape

Cooler ID	Field ID	Bottle Test ID(s)

Bottles Not intact

Field ID	Bottle Test ID(s)	Loose Cap	Damaged Cap		Damaged Container		Evidence Tape Not Intact
			CK	BR	CK	BR	

Samples with Insufficient Volume for Analyses

Field ID	Bottle Test ID(s)	Action Taken

ENCORE SAMPLES

S-VOC-MS samples in Encores must be frozen within 48 hours of collection.

Were Encore samples received? Yes _____ No ☒ _____

Date and time placed in freezer _____

Were all samples placed in freezer within 48 hours of collection? Yes _____ No _____

If no, were samples shipped on dry ice? Yes _____ No _____

FOR CLEAN LAB USE ONLY – Total Mercury Preservation Check (W-HG-AF; W-HG-AF-F):

Samples preserved within 48 hours? Yes _____ No _____

Date and time samples preserved: _____

Additional Comments: