

**Florida Department of Environmental Protection
Safe Drinking Water Program Laboratory Reporting Format**

LABORATORY CERTIFICATION INFORMATION (to be completed by lab - please type or print legibly)

Lab Name: Flowers Chemical Laboratories, Inc.

Florida DOH Certification #: E83018

Certification Expiration Date: 6/30/2021

ATTACH CURRENT DOH ANALYTE SHEET*

Address: P. O. Box 150597, Altamonte Springs, FL 32715-0597

Phone #: 407-339-5984

Were any analyses subcontracted? Yes No If yes, please provide DOH certification number(s): _____

ATTACH DOH ANALYTE SHEET FOR EACH SUBCONTRACTED LAB*

ANALYSIS INFORMATION(to be completed by lab)

Date Sample(s) Received: 03/25/21

PWS ID (From Page 1): 3354969

Sample Number (From Page 1): 466121DW1

Lab Assigned Report # or Job ID: 466121

Group(s) analyzed and results attached for compliance with Chapter 62-550, F.A.C. (check all that apply)

<u>Inorganics</u>	<u>Synthetic Organics</u>	<u>Volatile Organics</u>	<u>Disinfection Byproducts</u>	<u>Radionuclides</u>	<u>Secondaries</u>
<input checked="" type="checkbox"/> All Except Asbestos	<input type="checkbox"/> All 30	<input checked="" type="checkbox"/> All 21	<input type="checkbox"/> Trihalomethanes	<input type="checkbox"/> Single Sample	<input checked="" type="checkbox"/> All 14
<input type="checkbox"/> Partial	<input checked="" type="checkbox"/> All Except Dioxin	<input type="checkbox"/> Partial	<input type="checkbox"/> Haloacetic Acids	<input type="checkbox"/> Qtrly Composite**	<input type="checkbox"/> Partial
<input type="checkbox"/> Nitrate	<input type="checkbox"/> Partial		<input type="checkbox"/> Chlorite		
<input type="checkbox"/> Nitrite	<input type="checkbox"/> Dioxin Only		<input type="checkbox"/> Bromate		
<input type="checkbox"/> Asbestos					

LAB CERTIFICATION

I, Jefferson S. Flowers, Technical Director, do HEREBY CERTIFY that all attached analytical data are correct and unless noted meet all requirements of the National Environmental Laboratory Accreditation Conference (NELAC).

Signature:



Date: 04/23/21

* Failure to provide a valid and current Florida DOH certification number and a current Analyte Sheet for the attached analysis results will result in rejection of the report and possible enforcement against the public water system for failure to sample, and may result in notification of the DOH Bureau of Laboratory Services.

** Please provide radiological sample dates & locations for each quarter.

CONFIRMATION AND NOTIFICATION IS REQUIRED WITHIN 24 HRS FOR NITRATE MCL EXCEEDANCES

NON-DETECTS ARE TO BE REPORTED AS THE MDL WITH A "U" QUALIFIER. (Non-detects reported as "BDL" or with a "<" are not acceptable.)

Compliance Determination (to be completed by DEP or DOH - attach notes as necessary)


Sample Collection & Analysis Satisfactory Yes No _____ Replacement Sample or Report Requested (circle or highlight group(s) above)

Person Notified: _____ Date Notified: _____ DEP/DOH Reviewing Official: _____

**Florida Department of Environmental Protection
Safe Drinking Water Program Laboratory Reporting Format**

INORGANIC CONTAMINANTS
62-550.310(1)

Report Number / Job ID: 466121DW1
PWS ID (From Page 1): 3354969

Contam ID	Contam Name	MCL	Units	Analysis Result	Qualifier	Analytical Method	Lab MDL	Analysis Date	Analysis Time	DOH Lab Cert #
1038	Nitrate+Nitrite(as N)	10	mg/L	0.200	U	EPA300.0	0.200	03/26/21		E83018
1040	Nitrate (as N)	10	mg/L	0.200	U	EPA300.0	0.200	03/26/21	05:15 PM	E83018
1041	Nitrite (as N)	1	mg/L	0.200	U	EPA300.0	0.200	03/26/21	05:15 PM	E83018
1005	Arsenic	0.010	mg/L	0.00100	U	EPA200.8	0.00100	03/29/21		E83018
1010	Barium	2	mg/L	0.00850		EPA200.8	0.00200	03/29/21		E83018
1015	Cadmium	0.005	mg/L	0.00100	U	EPA200.8	0.00100	03/29/21		E83018
1020	Chromium	0.1	mg/L	0.00280		EPA200.8	0.00100	03/29/21		E83018
1024	Cyanide	0.2	mg/L	0.00500	U	SM4500CN-E	0.00500	03/31/21		E83018
1025	Fluoride	4	mg/L	0.200	U	EPA300.0	0.200	03/26/21		E83018
1030	Lead	0.015	mg/L	0.00100	U	EPA200.8	0.00100	03/29/21		E83018
1035	Mercury	0.002	mg/L	3.62	E-05 	EPA245.1	0.0000200	04/02/21		E83018
1036	Nickel	0.1	mg/L	0.00100	U	EPA200.8	0.00100	03/29/21		E83018
1045	Selenium	0.05	mg/L	0.00200	U	EPA200.8	0.00200	03/29/21		E83018
1052	Sodium	160	mg/L	8.47		EPA200.7	0.500	03/30/21		E83018
1074	Antimony	0.006	mg/L	0.00100	U	EPA200.8	0.00100	03/29/21		E83018
1075	Beryllium	0.004	mg/L	0.000500	U	EPA200.8	0.000500	03/29/21		E83018
1085	Thallium	0.002	mg/L	0.00100	U	EPA200.8	0.00100	03/29/21		E83018

**Florida Department of Environmental Protection
Safe Drinking Water Program Laboratory Reporting Format**

SECONDARY CONTAMINANTS
62-550.320

Report Number / Job ID: 466121DW1
PWS ID (From Page 1): 3354969

Contam ID	Contam Name	MCL	Units	Analysis Result	Qualifier	Analytical Method	Lab MDL	Analysis Date	Analysis Time	DOH Lab Cert #
1002	Aluminum	0.2	mg/L	0.0100	U	EPA200.8	0.0100	03/29/21		E83018
1017	Chloride	250	mg/L	11.3		EPA300.0	0.400	03/26/21		E83018
1022	Copper	1	mg/L	0.00780		EPA200.8	0.00100	03/29/21		E83018
1025	Fluoride	2	mg/L	0.200	U	EPA300.0	0.200	03/26/21		E83018
1028	Iron	0.3	mg/L	0.0472		EPA200.7	0.0100	03/30/21		E83018
1032	Manganese	0.05	mg/L	0.0100	U	EPA200.7	0.0100	03/30/21		E83018
1050	Silver	0.1	mg/L	0.000500	U	EPA200.8	0.000500	03/29/21		E83018
1055	Sulfate	250	mg/L	3.52		EPA300.0	1.00	03/26/21		E83018
1095	Zinc	5	mg/L	0.0128		EPA200.8	0.00200	03/29/21		E83018
1905	Color	15	CU	5.00	U	SM2120 B	5.00	03/26/21	04:32 PM	E83018
1920	Odor	3	TON@40C	1.00	U	SM2150 B	1.00	03/25/21	05:25 PM	E83018
1925	pH	6.5 -8.5	pH	8.08	Q	SM4500-H B	0.0100	03/25/21	05:23 PM	E83018
1930	Total Dissolved Solids	500	mg/L	150		SM2540 C	2.50	03/27/21		E83018
2905	Foaming Agents	0.5	mg/L	0.200	U	SM5540 C	0.200	03/26/21	03:15 PM	E83018

**Florida Department of Environmental Protection
Safe Drinking Water Program Laboratory Reporting Format**

VOLATILE ORGANICS
62-550.310(2)(b)

Report Number / Job ID: 466121DW1
PWS ID (From Page 1): 3354969

Contam ID	Contam Name	MCL	Units	Analysis Result	Qualifier	Analytical Method	Lab MDL	RDL	Analysis Date	Analysis Time	DOH Lab Cert #
2378	1,2,4,-trichlorobenzene	70	ug/L	0.500	U	EPA524.2	0.500	0.5	04/02/21		E83018
2380	cis-1,2-Dichloroethylene	70	ug/L	0.500	U	EPA524.2	0.500	0.5	04/02/21		E83018
2955	Xylenes	10000	ug/L	0.500	U	EPA524.2	0.500	0.5	04/02/21		E83018
2964	Dichloromethane	5	ug/L	0.500	U	EPA524.2	0.500	0.5	04/02/21		E83018
2968	o-dichlorobenzene	600	ug/L	0.500	U	EPA524.2	0.500	0.5	04/02/21		E83018
2969	Para-dichlorobenzene	75	ug/L	0.500	U	EPA524.2	0.500	0.5	04/02/21		E83018
2976	Vinyl Chloride	1	ug/L	0.500	U	EPA524.2	0.500	0.5	04/02/21		E83018
2977	1,1-Dichloroethylene	7	ug/L	0.500	U	EPA524.2	0.500	0.5	04/02/21		E83018
2979	trans-1,2-Dichloroethylene	100	ug/L	0.500	U	EPA524.2	0.500	0.5	04/02/21		E83018
2980	1,2-Dichloroethane	3	ug/L	0.500	U	EPA524.2	0.500	0.5	04/02/21		E83018
2981	1,1,1-trichloroethane	200	ug/L	0.500	U	EPA524.2	0.500	0.5	04/02/21		E83018
2982	Carbon tetrachloride	3	ug/L	0.500	U	EPA524.2	0.500	0.5	04/02/21		E83018
2983	1,2-dichloropropane	5	ug/L	0.500	U	EPA524.2	0.500	0.5	04/02/21		E83018
2984	Trichloroethylene	3	ug/L	0.500	U	EPA524.2	0.500	0.5	04/02/21		E83018
2985	1,1,2-trichloroethane	5	ug/L	0.500	U	EPA524.2	0.500	0.5	04/02/21		E83018
2987	Tetrachloroethylene	3	ug/L	0.500	U	EPA524.2	0.500	0.5	04/02/21		E83018
2989	Monochlorobenzene	100	ug/L	0.500	U	EPA524.2	0.500	0.5	04/02/21		E83018
2990	Benzene	1	ug/L	0.500	U	EPA524.2	0.500	0.5	04/02/21		E83018
2991	Toluene	1000	ug/L	0.500	U	EPA524.2	0.500	0.5	04/02/21		E83018
2992	Ethylbenzene	700	ug/L	0.500	U	EPA524.2	0.500	0.5	04/02/21		E83018
2996	Styrene	100	ug/L	0.500	U	EPA524.2	0.500	0.5	04/02/21		E83018

**Florida Department of Environmental Protection
Safe Drinking Water Program Laboratory Reporting Format**

SYNTHETIC ORGANICS
62-550.310(2)(c)

Report Number / Job ID: 466121DW1
PWS ID (From Page 1): 3354969

Contam ID	Contam Name	MCL	Units	Analysis Result	Qualifier	Analytical Method	Lab MDL	RDL	Extraction Date	Analysis Date	Analysis Time	DOH Lat Cert #
2005	Endrin	2	ug/L	0.0100	U	EPA505	0.0100	0.01	03/29/21	03/29/21		E83018
2010	Lindane	0.2	ug/L	0.0100	U	EPA505	0.0100	0.02	03/29/21	03/29/21		E83018
2015	Methoxychlor	40	ug/L	0.0500	U	EPA505	0.0500	0.1	03/29/21	03/29/21		E83018
2020	Toxaphene	3	ug/L	0.500	U	EPA505	0.500	1	03/29/21	03/29/21		E83018
2031	Dalapon	200	ug/L	0.100	U	EPA515.4	0.100	1	03/31/21	04/05/21		E83018
2032	Diquat	20	ug/L	0.400	U	EPA549.2	0.400	0.4	03/29/21	04/05/21		E83018
2033	Endothall	100	ug/L	9.00	U	EPA548.1	9.00	9	03/29/21	04/01/21		E83018
2034	Glyphosate	700	ug/L	6.00	U	EPA547	6.00	6		03/31/21		E83018
2035	Di(2-ethylhexyl) adipate	400	ug/L	0.600	U	EPA525.2	0.600	0.6	04/05/21	04/12/21		E83018
2036	Oxamyl (Vydate)	200	ug/L	2.00	U	EPA531.1	2.00	2.0		03/30/21		E83018
2037	Simazine	4	ug/L	0.0700	UJ	EPA525.2	0.0700	0.07	04/05/21	04/12/21		E83018
2039	Di(2-ethylhexyl)phthalate	6	ug/L	0.600	U	EPA525.2	0.600	0.6	04/05/21	04/12/21		E83018
2040	Picloram	500	ug/L	0.100	U	EPA515.4	0.100	0.1	03/31/21	04/05/21		E83018
2041	Dinoseb	7	ug/L	0.200	U	EPA515.4	0.200	0.2	03/31/21	04/05/21		E83018
2042	Hexachlorocyclopentadiene	50	ug/L	0.100	U	EPA505	0.100	0.1	03/29/21	03/29/21		E83018
2046	Carbofuran	40	ug/L	0.900	U	EPA531.1	0.900	0.9		03/30/21		E83018
2050	Atrazine	3	ug/L	0.100	U	EPA525.2	0.100	0.1	04/05/21	04/12/21		E83018
2051	Alachlor	2	ug/L	0.200	U	EPA525.2	0.200	0.2	04/05/21	04/12/21		E83018
2065	Heptachlor	0.4	ug/L	0.0100	U	EPA505	0.0100	0.04	03/29/21	03/29/21		E83018
2067	Heptachlor epoxide	0.2	ug/L	0.0100	U	EPA505	0.0100	0.02	03/29/21	03/29/21		E83018
2105	2,4-D	70	ug/L	0.100	U	EPA515.4	0.100	0.1	03/31/21	04/05/21		E83018
2110	2,4,5-TP	50	ug/L	0.200	U	EPA515.4	0.200	0.2	03/31/21	04/05/21		E83018
2274	Hexachlorobenzene	1	ug/L	0.100	U	EPA505	0.100	0.1	03/29/21	03/29/21		E83018
2306	Benzo(a)pyrene	0.2	ug/L	0.0200	U	EPA525.2	0.0200	0.02	04/05/21	04/12/21		E83018
2326	Pentachlorophenol	1	ug/L	0.0400	U	EPA515.4	0.0400	0.04	03/31/21	04/05/21		E83018
2383	PolychlorinatedbiphenylsPCB	0.5	ug/L	0.100	U	EPA505	0.100	0.1	03/29/21	03/29/21		E83018
2931	Dibromochloropropane	0.2	ug/L	0.0200	U	EPA504.1	0.0200	0.02	03/29/21	03/29/21		E83018
2946	Ethylene Dibromide	0.02	ug/L	0.0100	U	EPA504.1	0.0100	0.01	03/29/21	03/29/21		E83018
2959	Chlordane	2	ug/L	0.0100	U	EPA505	0.0100	0.2	03/29/21	03/29/21		E83018

From: [JuneFlowers](#)
To: [Fernandez, Amada M](#)
Subject: Re: Mercury Question
Date: Thursday, June 24, 2021 2:06:56 PM

Amada,

Thank you for your inquiry.

You are correct. Our LIMS uses exponential "E" to fit the data value in the allotted display space on our reports.

The values are 0.0000362 and 0.0000364 mg/L

These values had been confirmed by a 2nd analysis on 4/2/21.

June Flowers
Quality Systems Director
Flowers Chemical Laboratories, Inc.
407.339.5984 x212
www.flowerslabs.com

Celebrating 64 years 1957 - 2021

The information contained in this e-mail message is intended only for the personal and confidential use of the recipient(s) named above. This message may be client privileged communication and as such is privileged and confidential. If the reader of this message is not the intended recipient, you are hereby notified that you have received this message in error and that any review, dissemination, distribution, or copying of this message is strictly prohibited. If you received this message in error, please notify the sender immediately by e-mail, and delete the original message.

E-mail transmission cannot be guaranteed to be secure or error-free. The sender therefore does not accept liability for any damage caused by any virus transmitted by this e-mail or for any errors or omissions in the contents of this message, which arise as a result of e-mail transmission.

On Jun 24, 2021, at 9:49 AM, Fernandez, Amada M
<Amada.M.Fernandez@FloridaDEP.gov> wrote:


Good morning June,

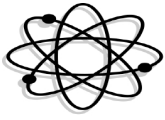
The Department received the attached chem reports with "E-05" in the qualifier column for Mercury. According to our phone call this morning, that is not signifying an "E" qualifier for composite samples, but instead is indicating that the result was 3.62×10^{-5} (0.0000362) mg/L for Colina Bay and 3.64×10^{-5} (0.000364) mg/L for Harbor Oaks Mobile Home Park. Could you please confirm?

Thank you!

<image001.jpg>

Amada Fernandez
Environmental Specialist II
Florida Department of Environmental Protection
Central District
Amada.M.Fernandez@FloridaDEP.gov
Office: 407-897-4159

 <CHEM_6-15_3354969_03 21_ic sec voc soc_e05 and j
qualifier.pdf><CHEM_6-15_3350495_03 21_ic sec voc soc_e05 and j qualifier
high iron.pdf><CHEM_6-15_3354969_03 21_lab results only.pdf><CHEM_6-
15_3350495_03 21_lab results only.pdf>



FLOWERS CHEMICAL LABORATORIES INC.

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812 SW Harvey Green Dr, Madison, FL 32340
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)

General Utilities
7621 Frog Log
Leesburg, FL 34748

PO #: Colina Bay
Client Project #: 3354969
Date Sampled: Mar 25, 2021
Apr 23, 2021; Invoice: 466121

Report Summary

Date Received: Mar 25, 2021

FCL Project Manager: Kathryn M. Nordmark

Laboratory #	Sample Description	Analysis	Chemist	Location	SampleMatrix
466121DW1	POE-CoB	EPA200.7	EVB	Main Lab	Drinking Water
		EPA200.8	EVB	Main Lab	
		EPA245.1	PCW	Main Lab	
		EPA300.0	YGS	Main Lab	
		EPA504.1	DLJ	Main Lab	
		EPA505	DLJ	Main Lab	
		EPA515.4	DLJ	Main Lab	
		EPA524.2	BNP	Main Lab	
		EPA525.2	CLS	Main Lab	
		EPA531.1	YGS	Main Lab	
		EPA547	YGS	Main Lab	
		EPA548.1	CLS	Main Lab	
		EPA549.2	YGS	Main Lab	
		SM2120 B	IAD	Main Lab	
		SM2150 B	IAD	Main Lab	
		SM2540 C	JMT	Main Lab	
		SM4500-H B	IAD	Main Lab	
		SM4500CN-E	PCW	Main Lab	
		SM5540 C	IAD	Main Lab	
		X504	DLJ	Main Lab	
		X505	DLJ	Main Lab	
		X515.4	OKS	Main Lab	
		X525	PSK	Main Lab	
		X548	OKS	Main Lab	
		X549.2	OKS	Main Lab	

Certificate of Results

Sample integrity was certified prior to analysis. Test results meet all requirements of the NELAP 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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Phone: 772-343-8006 E86562 (South Lab)
Phone: 850-973-6878 E82405 (North Lab)
Phone: 305-743-8598 E35834 (Keys Lab)

General Utilities
7621 Frog Log
Leesburg, FL 34748

PO #: Colina Bay
Client Project #: 3354969
Date Sampled: Mar 25, 2021
Apr 23, 2021; Invoice: 466121

Analysis Report

Lab #:	Sampled:	Desc:								
466121DW1	03/25/21 08:30 AM	POE-CoB								
Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analized	
Lab pH (units)	8.08 Q	pH	1.00	0.0100	0.0200	10460407	SM4500-H B	39-38-4	03/25/21 05:23 PM	
Odor (TON)	1.00 U	TON@40C	1.00	1.00	2.00	10460463	SM2150 B		03/25/21 05:25 PM	
TDS	150	mg/L	1.00	2.50	5.00	10460499	SM2540 C	10-33-3	03/27/21	
Color	5.00 U	CU	1.00	5.00	10.0	10460519	SM2120 B		03/26/21 04:32 PM	
Foaming Agents (MBAS)	0.200 U	mg/L	1.00	0.200	0.400	10460609	SM5540 C		03/26/21 03:15 PM	
Endothall_Extraction	100	ml	1.00			10460621	X548		03/29/21	
Chloride	11.3	mg/L	1.00	0.400	0.800	10460628	EPA300.0	16887-00-6	03/26/21	
Fluoride	0.200 U	mg/L	1.00	0.200	0.400	10460628	EPA300.0	16984-48-8	03/26/21	
Fluoride_	0.200 U	mg/L	1.00	0.200	0.400	10460628	EPA300.0	16984-48-08	03/26/21	
NO3+NO2(as N)	0.200 U	mg/L	1.00	0.200	0.400	10460628	EPA300.0	I-005	03/26/21	
Nitrate(as N)	0.200 U	mg/L	1.00	0.200	0.400	10460628	EPA300.0	14797-55-8	03/26/21 05:15 PM	
Nitrite(as N)	0.200 U	mg/L	1.00	0.200	0.400	10460628	EPA300.0	14797-65-0	03/26/21 05:15 PM	
Sulfate	3.52	mg/L	1.00	1.00	2.00	10460628	EPA300.0	14808-79-8	03/26/21	
Chlor_Pest_Extraction	35.0	ml	1.00			10460637	X505		03/29/21	
Brom_Insect_Extraction	35.0	ml	1.00			10460638	X504		03/29/21	
Aluminum	0.0100 U	mg/L	1.00	0.0100	0.0200	10460680	EPA200.8	7429-90-5	03/29/21	
Antimony	0.00100 U	mg/L	1.00	0.00100	0.00200	10460680	EPA200.8	7440-36-0	03/29/21	
Arsenic	0.00100 U	mg/L	1.00	0.00100	0.00200	10460680	EPA200.8	7440-38-2	03/29/21	
Barium	0.00850	mg/L	1.00	0.00200	0.00400	10460680	EPA200.8	7440-39-3	03/29/21	
Beryllium	0.000500 U	mg/L	1.00	0.000500	0.00200	10460680	EPA200.8	7440-41-7	03/29/21	
Cadmium	0.00100 U	mg/L	1.00	0.00100	0.00200	10460680	EPA200.8	7440-43-9	03/29/21	
Chromium	0.00280	mg/L	1.00	0.00100	0.00200	10460680	EPA200.8	7440-47-3	03/29/21	
Copper	0.00780	mg/L	1.00	0.00100	0.00200	10460680	EPA200.8	7440-50-8	03/29/21	
Lead	0.00100 U	mg/L	1.00	0.00100	0.00200	10460680	EPA200.8	7439-92-1	03/29/21	
Nickel	0.00100 U	mg/L	1.00	0.00100	0.00200	10460680	EPA200.8	7440-02-0	03/29/21	
Selenium	0.00200 U	mg/L	1.00	0.00200	0.00400	10460680	EPA200.8	7782-49-2	03/29/21	
Silver	0.000500 U	mg/L	1.00	0.000500	0.00100	10460680	EPA200.8	7440-22-4	03/29/21	



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General Utilities
7621 Frog Log
Leesburg, FL 34748

PO #: Colina Bay
Client Project #: 3354969
Date Sampled: Mar 25, 2021
Apr 23, 2021; Invoice: 466121

Lab #: 466121DW1 Sampled: 03/25/21 08:30 AM Desc: POE-CoB

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Thallium	0.00100 U	mg/L	1.00	0.00100	0.00200	10460680	EPA200.8	7440-28-0	03/29/21
Zinc	0.0128	mg/L	1.00	0.00200	0.00400	10460680	EPA200.8	7440-66-6	03/29/21
Diquat_ Extraction	100	ml	1.00			10460701	X549.2		03/29/21
Chlordane	0.0100 U	ug/L	1.00	0.0100	0.0200	10460751	EPA505	57-74-9	03/29/21
Endrin	0.0100 U	ug/L	1.00	0.0100	0.0200	10460751	EPA505	72-20-8	03/29/21
Heptachlor	0.0100 U	ug/L	1.00	0.0100	0.0200	10460751	EPA505	76-44-8	03/29/21
Heptachlor epoxide	0.0100 U	ug/L	1.00	0.0100	0.0200	10460751	EPA505	1024-57-3	03/29/21
Hexachlorobenzene	0.100 U	ug/L	1.00	0.100	0.200	10460751	EPA505	118-74-1	03/29/21
Hexachlorocyclopentadiene	0.100 U	ug/L	1.00	0.100	0.200	10460751	EPA505	77-47-4	03/29/21
Lindane (g-BHC)	0.0100 U	ug/L	1.00	0.0100	0.0200	10460751	EPA505	58-89-9	03/29/21
Methoxychlor	0.0500 U	ug/L	1.00	0.0500	0.100	10460751	EPA505	72-43-5	03/29/21
Total Arochlors	0.100 U	ug/L	1.00	0.100	0.200	10460751	EPA505	1336-36-3	03/29/21
Toxaphene	0.500 U	ug/L	1.00	0.500	1.00	10460751	EPA505	8001-35-2	03/29/21
1,2-Dibromoethane (EDB)	0.0100 U	ug/L	1.00	0.0100	0.0200	10460752	EPA504.1	106-93-4	03/29/21
1,2-dibromo-3-chloropropane	0.0200 U	ug/L	1.00	0.0200	0.0400	10460752	EPA504.1	96-12-8	03/29/21
Iron	0.0472	mg/L	1.00	0.0100	0.0200	10460787	EPA200.7	7439-89-6	03/30/21
Manganese	0.0100 U	mg/L	1.00	0.0100	0.0200	10460787	EPA200.7	7439-96-5	03/30/21
Sodium	8.47	mg/L	1.00	0.500	1.00	10460787	EPA200.7	7440-23-5	03/30/21
Carbofuran	0.900 U	ug/L	1.00	0.900	4.00	10460842	EPA531.1	1563-66-2	03/30/21
Oxamyl (Vydate)	2.00 U	ug/L	1.00	2.00	4.00	10460842	EPA531.1	23135-22-0	03/30/21
Chlor_Herb_ Extraction	40.0	ml	1.00			10460843	X515.4		03/31/21
Cyanide	0.00500 U	mg/L	1.00	0.00500	0.0100	10460860	SM4500CN-E	57-12-5	03/31/21
Glyphosate	6.00 U	ug/L	1.00	6.00	10.0	10460955	EPA547	1071-83-6	03/31/21
Endothall	9.00 U	ug/L	1.00	9.00	18.0	10461000	EPA548.1	145-73-3	04/01/21
Mercury	3.62 E-05	mg/L	1.00	0.0000200	0.0000800	10461137	EPA245.1	7439-97-6	04/02/21
1,1,1-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10461297	EPA524.2	71-55-6	04/02/21
1,1,2-Trichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10461297	EPA524.2	79-00-5	04/02/21
1,1-Dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10461297	EPA524.2	75-35-4	04/02/21
1,2,4-trichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10461297	EPA524.2	120-82-1	04/02/21



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7621 Frog Log
Leesburg, FL 34748

PO #: Colina Bay
Client Project #: 3354969
Date Sampled: Mar 25, 2021
Apr 23, 2021; Invoice: 466121

Lab #: 466121DW1 Sampled: 03/25/21 08:30 AM Desc: POE-CoB

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
1,2-dichloroethane	0.500 U	ug/L	1.00	0.500	1.00	10461297	EPA524.2	107-06-2	04/02/21
1,2-dichloropropane	0.500 U	ug/L	1.00	0.500	1.00	10461297	EPA524.2	78-87-5	04/02/21
Benzene	0.500 U	ug/L	1.00	0.500	1.00	10461297	EPA524.2	71-43-2	04/02/21
Carbon Tetrachloride	0.500 U	ug/L	1.00	0.500	1.00	10461297	EPA524.2	56-23-5	04/02/21
Chlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10461297	EPA524.2	108-90-7	04/02/21
Ethylbenzene	0.500 U	ug/L	1.00	0.500	1.00	10461297	EPA524.2	100-41-4	04/02/21
Methylene chloride	0.500 U	ug/L	1.00	0.500	2.00	10461297	EPA524.2	75-09-2	04/02/21
Para-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10461297	EPA524.2	106-46-7	04/02/21
Styrene	0.500 U	ug/L	1.00	0.500	1.00	10461297	EPA524.2	100-42-5	04/02/21
Tetrachloroethene	0.500 U	ug/L	1.00	0.500	1.00	10461297	EPA524.2	127-18-4	04/02/21
Toluene	0.500 U	ug/L	1.00	0.500	1.00	10461297	EPA524.2	108-88-3	04/02/21
Trichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10461297	EPA524.2	79-01-6	04/02/21
Vinyl chloride	0.500 U	ug/L	1.00	0.500	1.00	10461297	EPA524.2	75-01-4	04/02/21
Xylenes	0.500 U	ug/L	1.00	0.500	1.00	10461297	EPA524.2	1330-20-7	04/02/21
cis-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10461297	EPA524.2	156-59-2	04/02/21
o-dichlorobenzene	0.500 U	ug/L	1.00	0.500	1.00	10461297	EPA524.2	95-50-1	04/02/21
trans-1,2-dichloroethene	0.500 U	ug/L	1.00	0.500	1.00	10461297	EPA524.2	156-60-5	04/02/21
2,4,5-TP (Silvex)	0.200 U	ug/L	1.00	0.200	0.500	10461302	EPA515.4	93-72-1	04/05/21
2,4-D	0.100 U	ug/L	1.00	0.100	0.500	10461302	EPA515.4	94-75-7	04/05/21
Dalapon	0.100 U	ug/L	1.00	0.100	0.500	10461302	EPA515.4	75-99-0	04/05/21
Dinoseb	0.200 U	ug/L	1.00	0.200	0.500	10461302	EPA515.4	88-85-7	04/05/21
Pentachlorophenol	0.0400 U	ug/L	1.00	0.0400	0.100	10461302	EPA515.4	87-86-5	04/05/21
Picloram	0.100 U	ug/L	1.00	0.100	0.200	10461302	EPA515.4	1918-02-1	04/05/21
Diquat	0.400 U	ug/L	1.00	0.400	0.800	10461406	EPA549.2	85-00-7	04/05/21
Acid Base Extraction	995	ml	1.00			10461807	X525		04/05/21
Alachlor (Lasso)	0.200 U	ug/L	1.00	0.200	0.400	10462986	EPA525.2	15972-60-8	04/12/21
Atrazine	0.100 U	ug/L	1.00	0.100	0.200	10462986	EPA525.2	1912-24-9	04/12/21
Benzo(a)pyrene	0.0200 U	ug/L	1.00	0.0200	0.100	10462986	EPA525.2	50-32-8	04/12/21
Bis(2-ethylhexyl)phthalate	0.600 U	ug/L	1.00	0.600	1.20	10462986	EPA525.2	117-81-7	04/12/21



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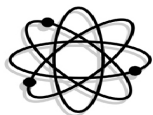
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Leesburg, FL 34748

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Date Sampled: Mar 25, 2021
Apr 23, 2021; Invoice: 466121

Lab #: 466121DW1 Sampled: 03/25/21 08:30 AM Desc: POE-CoB

Parameter	Result	Units	DF	MDL	PQL	QC Batch	Method	CAS #	Analyzed
Di(2-ethylhexyl) adipate	0.600 U	ug/L	1.00	0.600	1.20	10462986	EPA525.2	103-23-1	04/12/21
Simazine	0.0700 UJ	ug/L	1.00	0.0700	0.140	10462986	EPA525.2	122-34-9	04/12/21



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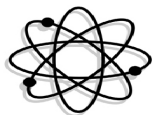
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Quality Report

Quality Control Batch: 10460463		Analyst: IAD				
Blank	Result	Units				
Odor (TON)	1.00U	TON@40C				
Quality Control Batch: 10460499		Analyst: JMT				
Blank	Result	Units				
TDS	2.50U	mg/L				
Laboratory Control Sample	Result	Units	Spike	%REC	%REC Lim	
TDS	1510	mg/L	1500	100.53	80.00-120.00	
Duplicate	Result	Units	Sample	RPD	RPD Lim	Lab Number
TDS	880	mg/L	968	9.52	20.00	466123GW1
Quality Control Batch: 10460519		Analyst: IAD				
Blank	Result	Units				
Color	5.00U	CU				
Quality Control Batch: 10460609		Analyst: IAD				
Blank	Result	Units				
Foaming Agents (MBAS)	0.200U	mg/L				
Laboratory Control Sample	Result	Units	Spike	%REC	%REC Lim	
Foaming Agents (MBAS)	0.184	mg/L	0.200	92.02	75.00-125.00	



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Quality Control Batch: 10460628

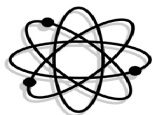
Analyst: YGS

Blank	Result	Units
Chloride	0.400U	mg/L
Fluoride	0.200U	mg/L
Fluoride_	0.200U	mg/L
NO3+NO2(as N)	0.200U	mg/L
Nitrate(as N)	0.200U	mg/L
Nitrite(as N)	0.200U	mg/L
Sulfate	1.00U	mg/L

Laboratory Control Sample	Result	Units	Spike	%REC	%REC Lim
Chloride	2.06	mg/L	2.00	103.19	90.00-110.00
Fluoride	1.01	mg/L	1.00	100.71	90.00-110.00
Fluoride_	1.01	mg/L	1.00	100.71	90.00-110.00
NO3+NO2(as N)	1.83	mg/L	2.00	91.54	90.00-110.00
Nitrate(as N)	0.901	mg/L	1.00	90.11	90.00-110.00
Nitrite(as N)	0.930	mg/L	1.00	92.97	90.00-110.00
Sulfate	4.76	mg/L	5.00	95.29	90.00-110.00

Matrix Spike	Result	Units	Spike	%REC	%REC Lim	Sample	Lab Number
Chloride	14.7	mg/L	2.00	34.72	80.00-120.00	14.0	466117DW1
Fluoride	2.17	mg/L	2.00	108.31	80.00-120.00	0.200U	466117DW1
Fluoride_	2.17	mg/L	2.00	108.31	80.00-120.00	0.200U	466117DW1
NO3+NO2(as N)	5.69	mg/L	4.00	95.42	80.00-120.00	1.87	466117DW1
Nitrate(as N)	3.61	mg/L	2.00	87.03	80.00-120.00	1.87	466117DW1
Nitrite(as N)	2.08	mg/L	2.00	103.82	80.00-120.00	0.200U	466117DW1
Sulfate	13.4	mg/L	2.00	80.34	80.00-120.00	11.7	466117DW1

Matrix Spike Duplicate	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
Chloride	14.7	mg/L	2.00	34.72	80.00-120.00	14.0	0.00	20.00



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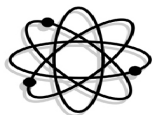
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Quality Control Batch: 10460628		Analyst: YGS						
Matrix Spike Duplicate	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
Fluoride	2.17	mg/L	2.00	108.31	80.00-120.00	0.200U	0.00	20.00
Fluoride_	2.17	mg/L	2.00	108.31	80.00-120.00	0.200U	0.00	20.00
NO3+NO2(as N)	5.69	mg/L	4.00	95.42	80.00-120.00	1.87	0.00	20.00
Nitrate(as N)	3.61	mg/L	2.00	87.03	80.00-120.00	1.87	0.00	20.00
Nitrite(as N)	2.08	mg/L	2.00	103.82	80.00-120.00	0.200U	0.00	20.00
Sulfate	13.4	mg/L	2.00	80.34	80.00-120.00	11.7	0.00	20.00

Quality Control Batch: 10460680		Analyst: EVB						
Blank	Result	Units						
Aluminum	0.0100U	mg/L						
Antimony	0.00100U	mg/L						
Arsenic	0.00100U	mg/L						
Barium	0.00200U	mg/L						
Beryllium	0.000500U	mg/L						
Cadmium	0.00100U	mg/L						
Chromium	0.00100U	mg/L						
Copper	0.00100U	mg/L						
Lead	0.00100U	mg/L						
Nickel	0.00100U	mg/L						
Selenium	0.00200U	mg/L						
Silver	0.000500U	mg/L						
Thallium	0.00100U	mg/L						
Zinc	0.00200U	mg/L						
Laboratory Control Sample	Result	Units	Spike	%REC	%REC Lim			
Aluminum	0.0997	mg/L	0.100	99.70	80.00-120.00			
Antimony	0.0943	mg/L	0.100	94.30	80.00-120.00			



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Quality Control Batch: 10460680 **Analyst:** EVB

Laboratory Control Sample	Result	Units	Spike	%REC	%REC Lim
Arsenic	0.0948	mg/L	0.100	94.80	80.00-120.00
Barium	0.108	mg/L	0.100	108.30	80.00-120.00
Beryllium	0.100	mg/L	0.100	100.30	80.00-120.00
Cadmium	0.0958	mg/L	0.100	95.80	80.00-120.00
Chromium	0.0961	mg/L	0.100	96.10	80.00-120.00
Copper	0.0988	mg/L	0.100	98.80	80.00-120.00
Lead	0.104	mg/L	0.100	104.40	80.00-120.00
Nickel	0.105	mg/L	0.100	104.80	80.00-120.00
Selenium	0.0922	mg/L	0.100	92.20	80.00-120.00
Silver	0.103	mg/L	0.100	103.40	80.00-120.00
Thallium	0.108	mg/L	0.100	107.70	80.00-120.00
Zinc	0.0962	mg/L	0.100	96.20	80.00-120.00

Matrix Spike	Result	Units	Spike	%REC	%REC Lim	Sample	Lab Number
Aluminum	0.0876	mg/L	0.100	87.60	80.00-120.00	0.0100U	466049DW1
Antimony	0.113	mg/L	0.100	112.60	80.00-120.00	0.00100U	466049DW1
Arsenic	0.0995	mg/L	0.100	98.50	80.00-120.00	0.00100	466049DW1
Barium	0.0835	mg/L	0.100	69.70	80.00-120.00	0.0138	466049DW1
Beryllium	0.0801	mg/L	0.100	80.10	80.00-120.00	0.000500U	466049DW1
Cadmium	0.102	mg/L	0.100	101.60	80.00-120.00	0.00100U	466049DW1
Chromium	0.0827	mg/L	0.100	82.70	80.00-120.00	0.00100U	466049DW1
Copper	0.0948	mg/L	0.100	93.60	80.00-120.00	0.00120	466049DW1
Lead	0.0802	mg/L	0.100	80.20	80.00-120.00	0.00100U	466049DW1
Nickel	0.107	mg/L	0.100	106.80	80.00-120.00	0.00100U	466049DW1
Selenium	0.105	mg/L	0.100	105.00	80.00-120.00	0.00200U	466049DW1
Silver	0.0806	mg/L	0.100	80.60	80.00-120.00	0.000500U	466049DW1
Thallium	0.0871	mg/L	0.100	87.10	80.00-120.00	0.00100U	466049DW1
Zinc	2.79	mg/L	0.100	58.80	80.00-120.00	2.73	466049DW1



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PO #: Colina Bay
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Matrix Spike Duplicate	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
Aluminum	0.0835	mg/L	0.100	83.50	80.00-120.00	0.0100U	4.79	20.00
Antimony	0.120	mg/L	0.100	120.30	80.00-120.00	0.00100U	6.61	20.00
Arsenic	0.0947	mg/L	0.100	93.70	80.00-120.00	0.00100	4.94	20.00
Barium	0.0835	mg/L	0.100	69.70	80.00-120.00	0.0138	0.00	20.00
Beryllium	0.0854	mg/L	0.100	85.40	80.00-120.00	0.000500U	6.40	20.00
Cadmium	0.106	mg/L	0.100	105.90	80.00-120.00	0.00100U	4.14	20.00
Chromium	0.0830	mg/L	0.100	83.00	80.00-120.00	0.00100U	0.36	20.00
Copper	0.0900	mg/L	0.100	88.80	80.00-120.00	0.00120	5.19	20.00
Lead	0.0819	mg/L	0.100	81.90	80.00-120.00	0.00100U	2.10	20.00
Nickel	0.114	mg/L	0.100	113.60	80.00-120.00	0.00100U	6.17	20.00
Selenium	0.100	mg/L	0.100	100.40	80.00-120.00	0.00200U	4.48	20.00
Silver	0.0883	mg/L	0.100	88.30	80.00-120.00	0.000500U	9.12	20.00
Thallium	0.0923	mg/L	0.100	92.30	80.00-120.00	0.00100U	5.80	20.00
Zinc	2.84	mg/L	0.100	109.30	80.00-120.00	2.73	1.79	20.00

Quality Control Batch: 10460751

Analyst: DLJ

Blank	Result	Units
Chlordane	0.0100U	ug/L
Endrin	0.0100U	ug/L
Heptachlor	0.0100U	ug/L
Heptachlor epoxide	0.0100U	ug/L
Hexachlorobenzene	0.100U	ug/L
Hexachlorocyclopentadiene	0.100U	ug/L
Lindane (g-BHC)	0.0100U	ug/L
Methoxychlor	0.0500U	ug/L
Total Arochlors	0.100U	ug/L
Toxaphene	0.500U	ug/L

Laboratory Control Sample	Result	Units	Spike	%REC	%REC Lim
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Quality Control Batch: 10460751		Analyst: DLJ					
Laboratory Control Sample	Result	Units	Spike	%REC	%REC Lim		
Endrin	0.225	ug/L	0.200	112.60	50.00-170.00		
Heptachlor	0.230	ug/L	0.200	114.85	50.00-170.00		
Heptachlor epoxide	0.228	ug/L	0.200	113.95	50.00-170.00		
Hexachlorobenzene	0.225	ug/L	0.200	112.55	50.00-170.00		
Hexachlorocyclopentadiene	0.219	ug/L	0.200	109.40	10.00-120.00		
Lindane (g-BHC)	0.215	ug/L	0.200	107.40	50.00-170.00		
Methoxychlor	0.226	ug/L	0.200	113.05	50.00-170.00		
Laboratory Control Sample Duplicate	Result	Units	Spike	%REC	%REC Lim	RPD	RPD Lim
Endrin	0.219	ug/L	0.200	109.25	50.00-170.00	3.02	30.00
Heptachlor	0.223	ug/L	0.200	111.45	50.00-170.00	3.00	30.00
Heptachlor epoxide	0.220	ug/L	0.200	110.15	50.00-170.00	3.39	30.00
Hexachlorobenzene	0.220	ug/L	0.200	110.20	50.00-170.00	2.11	30.00
Hexachlorocyclopentadiene	0.212	ug/L	0.200	105.85	10.00-120.00	3.30	30.00
Lindane (g-BHC)	0.206	ug/L	0.200	103.15	50.00-170.00	4.04	30.00
Methoxychlor	0.217	ug/L	0.200	108.60	50.00-170.00	4.02	30.00
Quality Control Batch: 10460752		Analyst: DLJ					
Blank	Result	Units					
1,2-Dibromoethane (EDB)	0.0100U	ug/L					
1,2-dibromo-3-chloropropane	0.0200U	ug/L					
Laboratory Control Sample	Result	Units	Spike	%REC	%REC Lim		
1,2-Dibromoethane (EDB)	0.262	ug/L	0.251	104.18	50.00-170.00		
1,2-dibromo-3-chloropropane	0.248	ug/L	0.251	98.65	50.00-170.00		
Laboratory Control Sample Duplicate	Result	Units	Spike	%REC	%REC Lim	RPD	RPD Lim
1,2-Dibromoethane (EDB)	0.255	ug/L	0.251	101.47	50.00-170.00	2.63	30.00



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Quality Control Batch: 10460752	Analyst: DLJ						
Laboratory Control Sample Duplicate	Result	Units	Spike	%REC	%REC Lim	RPD	RPD Lim
1,2-dibromo-3-chloropropane	0.238	ug/L	0.251	94.55	50.00-170.00	4.24	30.00

Quality Control Batch: 10460787	Analyst: EVB						
Blank	Result	Units					
Iron	0.0100U	mg/L					
Manganese	0.0100U	mg/L					
Sodium	0.500U	mg/L					

Laboratory Control Sample	Result	Units	Spike	%REC	%REC Lim		
Iron	10.0	mg/L	10.0	100.09	80.00-120.00		
Manganese	10.1	mg/L	10.0	101.13	80.00-120.00		
Sodium	9.84	mg/L	10.0	98.37	80.00-120.00		

Matrix Spike	Result	Units	Spike	%REC	%REC Lim	Sample	Lab Number
Iron	10.6	mg/L	10.0	96.44	80.00-120.00	0.992	466276DW1
Manganese	10.1	mg/L	10.0	100.62	80.00-120.00	0.0100U	466276DW1
Sodium	165	mg/L	10.0	100.57	80.00-120.00	155	466276DW1

Matrix Spike Duplicate	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
Iron	10.4	mg/L	10.0	94.37	80.00-120.00	0.992	1.97	20.00
Manganese	10.8	mg/L	10.0	108.47	80.00-120.00	0.0100U	7.51	20.00
Sodium	165	mg/L	10.0	100.29	80.00-120.00	155	0.02	20.00

Quality Control Batch: 10460842	Analyst: YGS						
Blank	Result	Units					
Carbofuran	0.900U	ug/L					
Oxamyl (Vydate)	2.00U	ug/L					



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Laboratory Control Sample	Result	Units	Spike	%REC	%REC Lim
Carbofuran	25.2	ug/L	25.0	100.79	80.00-120.00
Oxamyl (Vydate)	24.8	ug/L	25.0	99.03	80.00-120.00

Matrix Spike	Result	Units	Spike	%REC	%REC Lim	Sample	Lab Number
Carbofuran	26.9	ug/L	25.0	107.65	80.00-120.00	0.900U	465759DW1
Oxamyl (Vydate)	25.6	ug/L	25.0	102.49	80.00-120.00	2.00U	465759DW1

Matrix Spike Duplicate	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
Carbofuran	24.7	ug/L	25.0	98.90	80.00-120.00	0.900U	8.47	20.00
Oxamyl (Vydate)	24.7	ug/L	25.0	98.61	80.00-120.00	2.00U	3.86	20.00

Quality Control Batch: 10460860

Analyst: PCW

Blank	Result	Units
Cyanide	0.00500U	mg/L

Laboratory Control Sample	Result	Units	Spike	%REC	%REC Lim
Cyanide	0.106	mg/L	0.100	106.00	80.00-120.00

Matrix Spike	Result	Units	Spike	%REC	%REC Lim	Sample	Lab Number
Cyanide	0.0742	mg/L	0.0800	92.75	80.00-120.00	0.00500U	465738DW1

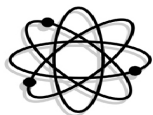
Matrix Spike Duplicate	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
Cyanide	0.0750	mg/L	0.0800	93.75	80.00-120.00	0.00500U	1.07	20.00

Quality Control Batch: 10460955

Analyst: YGS

Blank	Result	Units
Glyphosate	6.00U	ug/L

Laboratory Control Sample	Result	Units	Spike	%REC	%REC Lim
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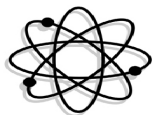
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Quality Control Batch: 10460955		Analyst: YGS						
Laboratory Control Sample	Result	Units	Spike	%REC	%REC Lim			
Glyphosate	54.4	ug/L	50.0	108.81	80.00-120.00			
Matrix Spike	Result	Units	Spike	%REC	%REC Lim	Sample	Lab Number	
Glyphosate	53.2	ug/L	50.0	106.37	80.00-120.00	6.00U	465570GW1	
Matrix Spike Duplicate	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
Glyphosate	52.3	ug/L	50.0	104.57	80.00-120.00	6.00U	1.71	20.00
Quality Control Batch: 10461000		Analyst: CLS						
Blank	Result	Units						
Endothall	9.00U	ug/L						
Laboratory Control Sample	Result	Units	Spike	%REC	%REC Lim			
Endothall	115	ug/L	100	115.30	80.00-120.00			
Laboratory Control Sample Duplicate	Result	Units	Spike	%REC	%REC Lim	RPD	RPD Lim	
Endothall	116	ug/L	100	115.90	80.00-120.00	0.52	30.00	
Quality Control Batch: 10461137		Analyst: PCW						
Blank	Result	Units						
Mercury	0.0000200U	mg/L						
Laboratory Control Sample	Result	Units	Spike	%REC	%REC Lim			
Mercury	0.00109	mg/L	0.00100	108.80	80.00-120.00			
Matrix Spike	Result	Units	Spike	%REC	%REC Lim	Sample	Lab Number	
Mercury	0.00324	mg/L	0.00300	107.17	80.00-120.00	0.0000279	465738DW1	



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Matrix Spike Duplicate	Result	Units	Spike	%REC	%REC Lim	Sample	RPD	RPD Lim
Mercury	0.00300	mg/L	0.00300	98.94	80.00-120.00	0.0000279	7.92	20.00

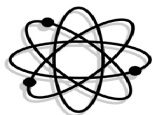
Quality Control Batch: 10461297

Analyst: BNP

Blank	Result	Units
1,1,1-Trichloroethane	0.500U	ug/L
1,1,2-Trichloroethane	0.500U	ug/L
1,1-Dichloroethene	0.500U	ug/L
1,2,4-trichlorobenzene	0.500U	ug/L
1,2-dichloroethane	0.500U	ug/L
1,2-dichloropropane	0.500U	ug/L
Benzene	0.500U	ug/L
Carbon Tetrachloride	0.500U	ug/L
Chlorobenzene	0.500U	ug/L
Ethylbenzene	0.500U	ug/L
Methylene chloride	0.500U	ug/L
Para-dichlorobenzene	0.500U	ug/L
Styrene	0.500U	ug/L
Tetrachloroethene	0.500U	ug/L
Toluene	0.500U	ug/L
Trichloroethene	0.500U	ug/L
Vinyl chloride	0.500U	ug/L
Xylenes	0.500U	ug/L
cis-1,2-dichloroethene	0.500U	ug/L
o-dichlorobenzene	0.500U	ug/L
trans-1,2-dichloroethene	0.500U	ug/L

Laboratory Control Sample

Laboratory Control Sample	Result	Units	Spike	%REC	%REC Lim
1,1,1-Trichloroethane	42.4	ug/L	40.0	105.97	50.00-170.00
1,1,2-Trichloroethane	36.1	ug/L	40.0	90.30	50.00-170.00
1,1-Dichloroethene	32.1	ug/L	40.0	80.18	50.00-170.00



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Quality Control Batch: 10461297

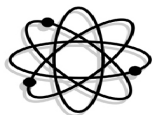
Analyst: BNP

Laboratory Control Sample

Result	Units	Spike	%REC	%REC Lim
1,2,4-trichlorobenzene	33.1 ug/L	40.0	82.78	50.00-170.00
1,2-dichloroethane	45.4 ug/L	40.0	113.47	50.00-170.00
1,2-dichloropropane	45.4 ug/L	40.0	113.42	50.00-170.00
Benzene	48.0 ug/L	40.0	120.02	50.00-170.00
Carbon Tetrachloride	44.0 ug/L	40.0	110.03	50.00-170.00
Chlorobenzene	37.7 ug/L	40.0	94.15	50.00-170.00
Ethylbenzene	42.1 ug/L	40.0	105.35	50.00-170.00
Methylene chloride	44.9 ug/L	40.0	112.28	50.00-170.00
Para-dichlorobenzene	32.0 ug/L	40.0	79.97	50.00-170.00
Styrene	38.9 ug/L	40.0	97.30	50.00-170.00
Tetrachloroethene	33.2 ug/L	40.0	82.95	50.00-170.00
Toluene	39.0 ug/L	40.0	97.57	50.00-170.00
Trichloroethene	42.9 ug/L	40.0	107.25	50.00-170.00
Vinyl chloride	42.9 ug/L	40.0	107.20	50.00-170.00
Xylenes	113 ug/L	120	93.95	50.00-170.00
cis-1,2-dichloroethene	47.0 ug/L	40.0	117.48	50.00-170.00
o-dichlorobenzene	34.1 ug/L	40.0	85.33	50.00-170.00
trans-1,2-dichloroethene	45.9 ug/L	40.0	114.75	50.00-170.00

Laboratory Control Sample Duplicate

Result	Units	Spike	%REC	%REC Lim	RPD	RPD Lim
1,1,1-Trichloroethane	42.6 ug/L	40.0	106.50	50.00-170.00	0.49	30.00
1,1,2-Trichloroethane	32.9 ug/L	40.0	82.27	50.00-170.00	9.30	30.00
1,1-Dichloroethene	33.5 ug/L	40.0	83.62	50.00-170.00	4.21	30.00
1,2,4-trichlorobenzene	31.3 ug/L	40.0	78.35	50.00-170.00	5.49	30.00
1,2-dichloroethane	41.8 ug/L	40.0	104.43	50.00-170.00	8.31	30.00
1,2-dichloropropane	44.3 ug/L	40.0	110.68	50.00-170.00	2.45	30.00
Benzene	47.3 ug/L	40.0	118.23	50.00-170.00	1.51	30.00
Carbon Tetrachloride	44.7 ug/L	40.0	111.77	50.00-170.00	1.58	30.00
Chlorobenzene	36.8 ug/L	40.0	91.90	50.00-170.00	2.42	30.00



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Quality Control Batch: 10461297		Analyst: BNP					
Laboratory Control Sample Duplicate	Result	Units	Spike	%REC	%REC Lim	RPD	RPD Lim
Ethylbenzene	41.5	ug/L	40.0	103.82	50.00-170.00	1.46	30.00
Methylene chloride	43.8	ug/L	40.0	109.50	50.00-170.00	2.50	30.00
Para-dichlorobenzene	31.3	ug/L	40.0	78.30	50.00-170.00	2.12	30.00
Styrene	37.5	ug/L	40.0	93.72	50.00-170.00	3.74	30.00
Tetrachloroethene	32.4	ug/L	40.0	81.07	50.00-170.00	2.29	30.00
Toluene	38.8	ug/L	40.0	96.93	50.00-170.00	0.67	30.00
Trichloroethene	43.4	ug/L	40.0	108.40	50.00-170.00	1.07	30.00
Vinyl chloride	44.1	ug/L	40.0	110.33	50.00-170.00	2.87	30.00
Xylenes	111	ug/L	120	92.59	50.00-170.00	1.46	30.00
cis-1,2-dichloroethene	46.0	ug/L	40.0	114.88	50.00-170.00	2.24	30.00
o-dichlorobenzene	32.6	ug/L	40.0	81.38	50.00-170.00	4.74	30.00
trans-1,2-dichloroethene	46.1	ug/L	40.0	115.20	50.00-170.00	0.39	30.00

Quality Control Batch: 10461302		Analyst: DLJ					
Blank	Result	Units					
2,4,5-TP (Silvex)	0.200U	ug/L					
2,4-D	0.100U	ug/L					
Dalapon	0.100U	ug/L					
Dinoseb	0.200U	ug/L					
Pentachlorophenol	0.0400U	ug/L					
Picloram	0.100U	ug/L					
Laboratory Control Sample	Result	Units	Spike	%REC	%REC Lim		
2,4,5-TP (Silvex)	3.68	ug/L	2.50	147.26	50.00-170.00		
2,4-D	3.29	ug/L	2.50	131.71	50.00-170.00		
Dalapon	2.66	ug/L	2.50	106.34	50.00-170.00		
Dinoseb	4.08	ug/L	2.50	163.02	50.00-170.00		
Pentachlorophenol	3.58	ug/L	2.50	143.15	20.00-160.00		



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Quality Control Batch: 10461302		Analyst: DLJ					
Laboratory Control Sample		Result	Units	Spike	%REC	%REC Lim	
Picloram		3.26	ug/L	2.50	130.47	50.00-170.00	

Laboratory Control Sample Duplicate		Result	Units	Spike	%REC	%REC Lim	RPD	RPD Lim
2,4,5-TP (Silvex)		3.59	ug/L	2.50	143.66	50.00-170.00	2.48	30.00
2,4-D		3.36	ug/L	2.50	134.26	50.00-170.00	1.91	30.00
Dalapon		2.27	ug/L	2.50	90.68	50.00-170.00	15.89	30.00
Dinoseb		4.70	ug/L	2.50	187.86	50.00-170.00	14.16	30.00
Pentachlorophenol		3.59	ug/L	2.50	143.57	20.00-160.00	0.29	30.00
Picloram		3.16	ug/L	2.50	126.27	50.00-170.00	3.27	30.00

Quality Control Batch: 10461406		Analyst: YGS					
Blank		Result	Units				
Diquat		0.400U	ug/L				

Laboratory Control Sample		Result	Units	Spike	%REC	%REC Lim	
Diquat		5.32	ug/L	5.00	106.35	70.00-130.00	

Matrix Spike		Result	Units	Spike	%REC	%REC Lim	Sample	Lab Number
Diquat		7.56	ug/L	5.00	151.10	70.00-170.00	0.400U	466031DW1

Quality Control Batch: 10462986		Analyst: CLS					
Blank		Result	Units				
Alachlor (Lasso)		0.200U	ug/L				
Atrazine		0.100U	ug/L				
Benzo(a)pyrene		0.0200U	ug/L				
Bis(2-ethylhexyl)phthalate		0.600U	ug/L				



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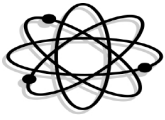
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PO #: Colina Bay
Client Project #: 3354969
Date Sampled: Mar 25, 2021
Apr 23, 2021; Invoice: 466121

Quality Control Batch: 10462986		Analyst: CLS					
Blank	Result	Units					
Di(2-ethylhexyl) adipate	0.600U	ug/L					
Simazine	0.0700U	ug/L					
Laboratory Control Sample	Result	Units	Spike	%REC	%REC Lim		
Alachlor (Lasso)	2.91	ug/L	2.00	145.50	70.00-130.00		
Atrazine	1.47	ug/L	2.00	73.50	70.00-130.00		
Benzo(a)pyrene	0.850	ug/L	1.00	85.00	70.00-130.00		
Bis(2-ethylhexyl)phthalate	15.4	ug/L	10.0	153.60	70.00-130.00		
Di(2-ethylhexyl) adipate	11.3	ug/L	10.0	112.50	70.00-130.00		
Simazine	0.710	ug/L	2.00	35.50	70.00-130.00		
Laboratory Control Sample Duplicate	Result	Units	Spike	%REC	%REC Lim	RPD	RPD Lim
Alachlor (Lasso)	2.67	ug/L	2.00	133.50	70.00-130.00	8.60	20.00
Atrazine	1.42	ug/L	2.00	71.00	70.00-130.00	3.46	20.00
Benzo(a)pyrene	0.780	ug/L	1.00	78.00	70.00-130.00	8.59	30.00
Bis(2-ethylhexyl)phthalate	13.4	ug/L	10.0	133.90	70.00-130.00	13.70	20.00
Di(2-ethylhexyl) adipate	10.1	ug/L	10.0	101.30	70.00-130.00	10.48	30.00
Simazine	0.800	ug/L	2.00	40.00	70.00-130.00	11.92	20.00



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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.

Additional Comments

Laboratory Control Spike and Duplicate recovery for Simazine was outside of method control limits so results are J flagged.

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.

