

From: [Gross, Kelli](#)
To: [Bayly, Karen](#)
Subject: FW: Central Lab TCLP reports for FMO ZEP Parts Washers
Date: Thursday, February 3, 2022 3:32:36 PM
Attachments: [22A0909 FPLWPB.pdf](#)

EXTERNAL MESSAGE

This email originated outside of DEP. Please use caution when opening attachments, clicking links, or responding to this email.

Karen,

Great news – lab results arrived today. Results reflect as non-hazardous waste.

Regards,

Kelli Gross

Sr. Environmental Specialist

Power Delivery Environmental

(941) 316-6231 Office

(941) 531-0483 Mobile

Kelli.Gross@fpl.com



**Report To:**

Erin Westberg
Florida Power & Light-WPB
6000 1A Village Boulevard
West Palm Beach FL, 33407

Page 1 of 5

Report Printed: 2/3/2022
Work Order # 22A0909
Project:
West-EWR

1177 N. Lime Ave, Sarasota, FL

Lab ID: 22A0909-01
Client Sample ID: CBC-FS220126-01/ ZEP Sand Filter-1

Collection Date: 01/26/22 11:00
Received Date: 01/26/22 14:12
Collected By: Client

Matrix: Solid

Laboratory Analysis Report

Parameter	Result	QC	Units	Dil	MDL	PQL	Method	Date Ext.	Date Analy.	Analyst
-----------	--------	----	-------	-----	-----	-----	--------	-----------	-------------	---------

TCLP Extraction by EPA 1311

Fluid Type (1,2,or 3)	1.00		.	1			EPA 1311	01/27 14:00	01/28 08:00	JD
-----------------------	------	--	---	---	--	--	----------	-------------	-------------	----

TCLP Metals by 6000/7000 Series Methods

Arsenic	ND	U	mg/L	10	0.022	0.100	EPA 6010/3010	01/28 09:15	01/28 10:36	MAZ
Barium	0.290		mg/L	10	0.0007	0.0100	EPA 6010/3010	01/28 09:15	01/28 10:36	MAZ
Cadmium	0.0310		mg/L	10	0.0018	0.0100	EPA 6010/3010	01/28 09:15	01/28 10:36	MAZ
Chromium	ND	U	mg/L	10	0.0034	0.0500	EPA 6010/3010	01/28 09:15	01/28 10:36	MAZ
Lead	0.017	I	mg/L	10	0.012	0.100	EPA 6010/3010	01/28 09:15	01/28 10:36	MAZ
Mercury	ND	U	mg/L	10	0.0012	0.0100	EPA 7470	02/02 09:48	02/02 12:50	JF
Selenium	ND	U	mg/L	10	0.035	0.150	EPA 6010/3010	01/28 09:15	01/28 10:36	MAZ
Silver	ND	U	mg/L	10	0.0012	0.0080	EPA 6010/3010	01/28 09:15	01/28 10:36	MAZ

Florida-Spectrum Environmental Services, Inc.
1460 W. McNab Road, Fort Lauderdale, FL 33309

Pembroke Laboratory
528 Gooch Rd.
Fort Mead, FL 33841

Big Lake Laboratory
610 Parrot Ave. N.
Okeechobee, FL 34972

Lakeland Laboratory
111 Easton Dr.
Lakeland, FL 33803

Savannah Laboratory
108 Airport Park Dr.
Garden City, GA 31408

**Report To:**

Erin Westberg
Florida Power & Light-WPB
6000 1A Village Boulevard
West Palm Beach FL, 33407

Page 2 of 5

Report Printed: 2/3/2022
Work Order # 22A0909
Project:
West-EWR

1177 N. Lime Ave, Sarasota, FL

Lab ID: 22A0909-02
Client Sample ID: CBC-FS220126-02/ ZEP Sand Filter-2

Collection Date: 01/26/22 11:00
Received Date: 01/26/22 14:12
Collected By: Client

Matrix: Solid

Laboratory Analysis Report

Parameter	Result	QC	Units	Dil	MDL	PQL	Method	Date Ext.	Date Analy.	Analyst
TCLP Extraction by EPA 1311										
Fluid Type (1,2,or 3)	1.00		.	1			EPA 1311	01/27 14:00	01/28 08:00	JD

TCLP Metals by 6000/7000 Series Methods

Arsenic	ND	U	mg/L	10	0.022	0.100	EPA 6010/3010	01/28 09:15	01/28 10:39	MAZ
Barium	0.899		mg/L	10	0.0007	0.0100	EPA 6010/3010	01/28 09:15	01/28 10:39	MAZ
Cadmium	0.0090	I	mg/L	10	0.0018	0.0100	EPA 6010/3010	01/28 09:15	01/28 10:39	MAZ
Chromium	0.0060	I	mg/L	10	0.0034	0.0500	EPA 6010/3010	01/28 09:15	01/28 10:39	MAZ
Lead	ND	U	mg/L	10	0.012	0.100	EPA 6010/3010	01/28 09:15	01/28 10:39	MAZ
Mercury	ND	U	mg/L	10	0.0012	0.0100	EPA 7470	02/02 09:48	02/02 12:53	JF
Selenium	ND	U	mg/L	10	0.035	0.150	EPA 6010/3010	01/28 09:15	01/28 10:39	MAZ
Silver	ND	U	mg/L	10	0.0012	0.0080	EPA 6010/3010	01/28 09:15	01/28 10:39	MAZ

Florida-Spectrum Environmental Services, Inc.
1460 W. McNab Road, Fort Lauderdale, FL 33309

Pembroke Laboratory
528 Gooch Rd.
Fort Mead, FL 33841

Big Lake Laboratory
610 Parrot Ave. N.
Okeechobee, FL 34972

Lakeland Laboratory
111 Easton Dr.
Lakeland, FL 33803

Savannah Laboratory
108 Airport Park Dr.
Garden City, GA 31408

**Report To:**

Erin Westberg
Florida Power & Light-WPB
6000 1A Village Boulevard
West Palm Beach FL, 33407

Page 3 of 5

Report Printed: 2/3/2022
Work Order # 22A0909
Project:
West-EWR

1177 N. Lime Ave, Sarasota, FL

Lab ID: 22A0909-03
Client Sample ID: CBC-FS220126-03/ Side Filters-1

Collection Date: 01/26/22 11:00
Received Date: 01/26/22 14:12
Collected By: Client

Matrix: Solid

Laboratory Analysis Report

Parameter	Result	QC	Units	Dil	MDL	PQL	Method	Date Ext.	Date Analy.	Analyst
TCLP Extraction by EPA 1311										
Fluid Type (1,2,or 3)	1.00		.	1			EPA 1311	01/27 14:00	01/28 08:00	JD
TCLP Metals by 6000/7000 Series Methods										
Arsenic	ND	U	mg/L	10	0.022	0.100	EPA 6010/3010	01/28 09:15	01/28 10:42	MAZ
Barium	0.706		mg/L	10	0.0007	0.0100	EPA 6010/3010	01/28 09:15	01/28 10:42	MAZ
Cadmium	0.0040	I	mg/L	10	0.0018	0.0100	EPA 6010/3010	01/28 09:15	01/28 10:42	MAZ
Chromium	0.0050	I	mg/L	10	0.0034	0.0500	EPA 6010/3010	01/28 09:15	01/28 10:42	MAZ
Lead	0.022	I	mg/L	10	0.012	0.100	EPA 6010/3010	01/28 09:15	01/28 10:42	MAZ
Mercury	ND	U	mg/L	10	0.0012	0.0100	EPA 7470	02/02 09:48	02/02 12:56	JF
Selenium	ND	U	mg/L	10	0.035	0.150	EPA 6010/3010	01/28 09:15	01/28 10:42	MAZ
Silver	ND	U	mg/L	10	0.0012	0.0080	EPA 6010/3010	01/28 09:15	01/28 10:42	MAZ

Florida-Spectrum Environmental Services, Inc.
1460 W. McNab Road, Fort Lauderdale, FL 33309

Pembroke Laboratory
528 Gooch Rd.
Fort Mead, FL 33841

Big Lake Laboratory
610 Parrot Ave. N.
Okeechobee, FL 34972

Lakeland Laboratory
111 Easton Dr.
Lakeland, FL 33803

Savannah Laboratory
108 Airport Park Dr.
Garden City, GA 31408

**Report To:**

Erin Westberg
Florida Power & Light-WPB
6000 1A Village Boulevard
West Palm Beach FL, 33407

Page 4 of 5

Report Printed: 2/3/2022
Work Order # 22A0909
Project:
West-EWR

1177 N. Lime Ave, Sarasota, FL

Lab ID: 22A0909-04
Client Sample ID: CBC-FS220126-04/ Side Filters-2

Collection Date: 01/26/22 11:00
Received Date: 01/26/22 14:12
Collected By: Client

Matrix: Solid

Laboratory Analysis Report

Parameter	Result	QC	Units	Dil	MDL	PQL	Method	Date Ext.	Date Analy.	Analyst
TCLP Extraction by EPA 1311										
Fluid Type (1,2,or 3)	1.00		.	1			EPA 1311	01/27 14:00	01/28 08:00	JD

TCLP Metals by 6000/7000 Series Methods

Arsenic	ND	U	mg/L	10	0.022	0.100	EPA 6010/3010	01/28 09:15	01/28 10:45	MAZ
Barium	0.476		mg/L	10	0.0007	0.0100	EPA 6010/3010	01/28 09:15	01/28 10:45	MAZ
Cadmium	ND	U	mg/L	10	0.0018	0.0100	EPA 6010/3010	01/28 09:15	01/28 10:45	MAZ
Chromium	0.0040	I	mg/L	10	0.0034	0.0500	EPA 6010/3010	01/28 09:15	01/28 10:45	MAZ
Lead	ND	U	mg/L	10	0.012	0.100	EPA 6010/3010	01/28 09:15	01/28 10:45	MAZ
Mercury	ND	U	mg/L	10	0.0012	0.0100	EPA 7470	02/02 09:48	02/02 13:00	JF
Selenium	ND	U	mg/L	10	0.035	0.150	EPA 6010/3010	01/28 09:15	01/28 10:45	MAZ
Silver	ND	U	mg/L	10	0.0012	0.0080	EPA 6010/3010	01/28 09:15	01/28 10:45	MAZ

Florida-Spectrum Environmental Services, Inc.
1460 W. McNab Road, Fort Lauderdale, FL 33309

Pembroke Laboratory
528 Gooch Rd.
Fort Mead, FL 33841

Big Lake Laboratory
610 Parrot Ave. N.
Okeechobee, FL 34972

Lakeland Laboratory
111 Easton Dr.
Lakeland, FL 33803

Savannah Laboratory
108 Airport Park Dr.
Garden City, GA 31408



Report To:

Erin Westberg
Florida Power & Light-WPB
6000 1A Village Boulevard
West Palm Beach FL, 33407

Page 5 of 5

Report Printed: 2/3/2022
Work Order # 22A0909
Project:
West-EWR

1177 N. Lime Ave, Sarasota, FL

Notes and Definitions

J3	The matrix spike recovery outside method acceptance limits indicating matrix interference.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the detection limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
N.O.O.	No Odor Observed
REP	Field parameter measured by client
V	Indicated that the analyte was detected in both the sample and the associated method blank.
I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
Z	Too many colonies were present for accurate counting.
SUB	Work performed by outside (subcontracted) labs denoted by SUB in analyst field.

QC=Qualifier Codes as defined by DEP 62-160

Unless indicated, soil results are reported on actual (wet) weight basis.

The Color SM2120B method is reported as (Color / pH)

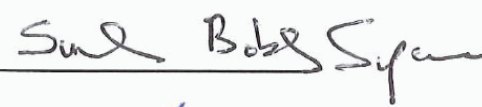
Legionella analyzed under CDC accreditation program

Dilution factors ≥ 1000 are abbreviated using k=1000 and M=1000000

Field parameters are not NELAP accredited.

Results relate only to this sample.

Suresh (Bobby) Supan - CSM

x 

Authorized CSM Signature (954) 978-6400
Florida-Spectrum Environmental Services, Inc.
Certification# E86006

All NELAP certified analysis are performed in accordance with Chapter 64E-1 Florida Administrative code, which has been determined to be equivalent to NELAC standards. Analysis certified by programs other than NELAP are designated with a "~".

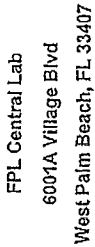
Florida-Spectrum Environmental Services, Inc.
1460 W. McNab Road, Fort Lauderdale, FL 33309

Pembroke Laboratory
528 Gooch Rd.
Fort Mead, FL 33841

Big Lake Laboratory
610 Parrot Ave. N.
Okeechobee, FL 34972

Lakeland Laboratory
111 Easton Dr.
Lakeland, FL 33803

Savannah Laboratory
108 Airport Park Dr.
Garden City, GA 31408



SAMPLER

West Palm Beach, FL 33407

PRINT NAME

DL

SITE NAME = REGION OR OPERATION (Lab Reference = Customer Address)		Broward - EBR 700 North 21st Avenue, Hollywood, FL 33020		Dade - EDR 158 MacArthur Causeway, Miami Beach, FL 33139		East - EER 4215 Up The Grove Lane, Riviera Beach, FL 33407		North - ENR 220 North Orchard Street, Ormond Beach, FL 32174		West - EWR 1177 N. Linn Avenue, Sarasota, FL 34237		RMF - Regulated Materials Facility 2455 Post Vial Blvd. C-1, West Palm Beach, FL 33407		ERC - Equipment Reliability Center 6001 NW 70th Avenue, Miami, FL 33168		Other - Specialty		
CONTAINER SOURCE AND PRESERVATION																		
CONTAINER	QUANTITY	DESCRIPTION	MANUFACTURER	DATE	TIME	LOT #	PRESERVATION	CLEAN SAMPLE CONTAINER	ANALYSES REQUIRED									
A		10 ml Glass Culture Tube					None	CC	PCB in Oil	PCB in Soil	FLPRO (TRPH)	PAH	TCLP RCRA Metals (As, Ba, Cd, Cr, Pb, Hg, Se, Ag)	TOTAL HALOGENS	FLASHPOINT	Total RCRA Metals (As, Ba, Cd, Cr, Pb, Hg, Se, Ag)	BTEX (Benzene, Toluene, Ethylbenzene, Xylene) m	
B		250 ml WM Glass Jar					None	CC										
C		250 ml Glass Bottle					None	CC										
D		60 ml WM Glass Jar					None	CC										
E	2	PLASTIC BAG						CC										
A								CC										
B								CC										
C								CC										
D								CC										
FIELD SAMPLE ID (Lab Reference = LOCATION)																		
Line		Serial #, Gtd Reference, other Sample Description		DATE	TIME	I/O	*G/C	*MATRIX	Chlor-n-Oil									
1	CBC-FS-220126-01	25P SAND FILTER - 1		01-26-22	1100	XXXXXXX (see digital)	G 1	S	50	500								
2	CBC-FS-220126-02	25P SAND FILTER - 2		01-26-22	1100	XXXXXXX (see digital)	G 1	S	50	500								
3	CBC-FS-220126-03	SIDE FILTERS - 1		01-26-22	1100	XXXXXXX (see digital)	G 1	S	50	500								
4	CBC-FS-220126-04	SIDE FILTERS - 2		01-26-22	1100	XXXXXXX (see digital)	G 1	S	50	500								
SAMPLE'S REMARKS																		
Line	ADDRESS		*OTHER (circle one)		PRIORITY & COST MULTIPLIER (TAT = Turnaround Time) (circle one)		ANALYSIS - NORMAL TAT - COST										SEND LAB REPORT TO	
1	CBC-SUNRISE FS ADD 97		WC UOS WQS Other		Priority 1 = 24 Hr TAT = 2X \$		PCB In Oil		7 days	38.21	Halogen	7-10 days	60.00	ENR AEC - Andrew Daugherty				
2	CBC-SUNRISE FS		WC UOS WQS Other		Priority 2 = 48 Hr TAT = 1.5X \$		PCB In Soil		7-10 days	84.00	Flashpoint	TBD	TBD	ENR AEC - Carmine Brutto				
3	FMO FLEET SERVICES		WC UOS WQS Other		Priority 3 = 72 Hr TAT = 1.25X \$		PCB Swipe		TBD	TBD	TCLP Metals	10 days	165.50	ENR AEC - Rich Scarlett				
4			WC UOS WQS Other		Priority 4 = Normal TAT = 1X \$		TRPH		7-10 days	60.00	Total Metals	TBD	TBD	ENR AEC - Joe Leon				
IF PCB In oil is >=60 ppm, immediately notify AEC, Franck Leblanc, Jack Alexander and Tara Bourcy.																		
CLEAN SAMPLE CONTAINERS RELINQUISHED BY:																		
AFFILIATION		FPL USECA	Printer	Other	DATE	TIME	CUSTODY SEAL	Y	N	H		CM	UPS	OC	RECEIVED BY			
AFFILIATION		FPL USECA	Printer	Other	DATE	TIME	CUSTODY SEAL	Y	N	H		CM	UPS	OC	RECEIVED BY			
AFFILIATION		FPL USECA	Printer	Other	DATE	TIME	CUSTODY SEAL	Y	N	H		CM	UPS	OC	RECEIVED BY			
AFFILIATION		FPL USECA	Printer	Other	DATE	TIME	CUSTODY SEAL	Y	N	H		CM	UPS	OC	RECEIVED BY			
FOR LABORATORY USE ONLY																		
LAB REMARKS																		
Line																		
Year(MM-YY)-Location(MM-YY)-Month(MM)-Day(MM)-#																		
e.g. 08-WGO-11-0001																		
LABORATORY SAMPLE #																		
CONTAINER I.D.																		
A B C D E F G H I																		