

**BOARD OF COUNTY COMMISSIONERS** 

**RECEIVED** October 22, 2015 South District DEP





(VIA ELECTRONIC SUBMITTAL ONLY)

Cecil L Pendergrass

John E, Manning District One

Larry Kiker

District Three Brian Hamman

District Four

Frank Mann District Five

Roger Desjarlais County Manager

Richard Wesch County Attorney

Donna Marie Collins County Chief Hearing Examiner

## Regina Dick, Administrative Assistant **FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION** P.O. Box 2549 Ft. Myers, FL 33902-2549

## SUBJECT: FDEP PERMIT NO. FLA144215-016-DW1P LEE COUNTY – UIC/DW FT. MYERS BEACH DISCHARGE MONITORING REPORT FOR MONTH OF: SEPTEMBER 2015

Dear Ms. Dick:

October 22, 2015

Enclosed is a copy of the Monthly DMR part A, B & D with Lab results for the Ft. Myers Beach Wastewater Plant located at 17155 Pine Ridge Road, Ft. Myers Beach, FL 33931.

If you have any questions or comments, please contact me at 239-466-8039.

Sincerely,

LEE COUNTY UTILITIES

Cary Ben Wright, Lead Operator (#WW-A0009243) Ft. Myers Beach Wastewater Treatment Plant cwright@leegov.com

CBW/ Enclosure e-cc (only):

r): FDEP – South District <u>SouthDistrict@dep.state.fl.us</u> Hank Barroso – LCU Dennis Lang – LCU File

Recycled Paper

P.O. Box 398, Fort Myers, Florida 33902-0398 (239) 533-2111 lee-county.com AN EQUAL OPPORTUNITY AFFIRMATIVE ACTION EMPLOYER

Facility Name:	Fort Myers Beach WWTP
Permit Number:	FLA144215-023
County:	Lee

## Monitoring Well ID: MWB-117543

Well Type: Background Description: FMB-1A Ba Lexington El

BackgroundReport:FMB-1ABackground WellProgram:Lexington Elementary School

Quarterly Domestic

Office:

South District

**Re-submitted DMR:** 

MONITORING PERIOD From: July 01, 2015 To: September 30, 2015

Date Sample Obtain: 7/8/2015

Time Sample Obtained: 10:20 AM

Was the well purged before sampling? X YES NO

Parameter	PARM Code	Sample Measurement	Permit Requirement	Units	Sample Type	Monitoring Frequency	Detection Limits	Analysis Method	Sampling Equipment Used	Samples Filtered (L/F/N)
Water Level Relative to NGVD	82545	4.35	Report	ft NGVD	In-Situ	Quaterly		FDEP-SOP-001/01	Pump	N
Nitrogen, Nitrate, Total (as N)	00620	0.01	Report	mg/L	Grab	Quaterly	0.01	EPA 353.2	Pump	N
Solids, Total Dissolved (TDS)	70295	414	Report	mg/L	Grab	Quaterly	5.5	SM21 2540C	Pump	L
Arsenic, Total Recoverable	00978	0.84	Report	ug/L	Grab	Quaterly	0.5	EPA 200.8	Pump	N
Chloride (as Cl)	00940	93	Report	mg/L	Grab	Quaterly	1.6	SM21 4500-CI D	Pump	N
Cadmium, Total Recoverable	01113	0.3	Report	ug/L	Grab	Quaterly	0.3	EPA 200.8	Pump	N
Chromium, Total Recoverable	01118	8.63	Report	ug/L	Grab	Quaterly	0.5	EPA 200.8	Pump	N
Lead, Total Recoverable	01114	0.5	Report	ug/L	Grab	Quaterly	0.5	EPA 200.8	Pump	N
Coliform, Fecal	74055	1.0	Report	#/100mL	Grab	Quaterly	1	SM20 9222 B	Pump	I.
pH	00400	6.9	Report	s.u.	In-Situ	Quaterly		FDEP FT1100	Pump	N
Sulfate, Total	00945	20	Report	mg/L	Grab	Quaterly	0.05	EPA 300.0	Pump	N
Turbidity	00070	8.9	Report	NTU	Grab	Quaterly	0.2	FDEP 1600	Pump	N
Specific Conductance	00095	859	Report	umhos/cm	In-Situ	Quaterly	2.0	FDEP FT1200	Pump	N
Temperature (C), Water	00010	27.3	Report	Deg C	In-Situ	Quaterly		FDEP FT1400	Pump	N
Oxygen, Dissolved (DO)	00300	1	Report	mg/L	In-Situ	Quaterly	0.1	FDEP FT1500	Pump	N

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personal properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisoment for knowing violations.

AME / TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO.	DATE (mm/ddhooo
Cary B. Wright A9243 Lead Operator	13WAUGUL	(239) 466-8039	

COMMENT AND EXPLANATION OF ANY VIOLATIONS

Facility Name:	Fort Myers Beach WWTP
Permit Number:	FLA144215-023
County:	Lee

## Monitoring Well ID: MWI-117546

Well Type: Description:	Intermediate					
Description:	FMB-2A Wa					
	Donk/L outin of					

Report: Quarterly A Wa-Ke-Hatchee Program: Domestic Park/Lexington Middle School (WPL)

Office:

South District

NO

Re-submitted DMR:

MONITORING PERIOD July 01, 2015 From: To: September 30, 2015

> Date Sample Obtain: 7/8/2015

Time Sample Obtained: 10:48 AM

Was the well purged before sampling? X YES

Parameter	PARM Code	Sample Measurement	Permit Requirement	Units	Sample Type	Monitoring Frequency	Detection Limits	Analysis Method	Sampling Equipment Used	Samples Filtered (L/F/N)
Water Level Relative to NGVD	82545	3.90	Report	ft NGVD	In-Situ	Quaterly		FDEP-SOP-001/01	Pump	N
Nitrogen, Nitrate, Total (as N)	00620	0.01	Report	mg/L	Grab	Quaterly	0.01	EPA 353.2	Pump	N
Solids, Total Dissolved (TDS)	70295	588	Report	mg/L	Grab	Quaterly	5.5	SM21 2540C	Pump	L
Arsenic, Total Recoverable	00978	1.65	Report	ug/L	Grab	Quaterly	0.5	EPA 200.8	Pump	N
Chloride (as Cl)	00940	100	Report	mg/L	Grab	Quaterly	1.6	SM21 4500-CI D	Pump	N
Cadmium, Total Recoverable	01113	0.3	Report	ug/L	Grab	Quaterly	0.3	EPA 200.8	Pump	N
Chromium, Total Recoverable	01118	13.40	Report	ug/L	Grab	Quaterly	0.5	EPA 200.8	Pump	N
Lead, Total Recoverable	01114	0.5	Report	ug/L	Grab	Quaterly	0.5	EPA 200.8	Pump	N
Coliform, Fecal	74055	1.0	Report	#/100mL	Grab	Quaterly	1	SM20 9222 B	Pump	L
pH	00400	6.6	Report	s.u.	In-Situ	Quaterly		FDEP FT1100	Pump	N
Sulfate, Total	00945	6	Report	mg/L	Grab	Quaterly	0.05	EPA 300.0	Pump	N
Turbidity	00070	1.4	Report	NTU	Grab	Quaterly	0.2	FDEP 1600	Pump	N
Specific Conductance	00095	1,090	Report	umhos/cm	In-Situ	Quaterly	2.0	FDEP FT1200	Pump	N
Temperature (C), Water	00010	27.7	Report	Deg C	In-Situ	Quaterly		FDEP FT1400	Pump	N
Oxygen, Dissolved (DO)	00300	0	Report	mg/L	In-Situ	Quaterly	0.1	FDEP FT1500	Pump	N

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personal properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisoment for knowing violations.

NAME / TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO.	DATE (mm/dd/yyyy)
Cary B. Wright A9243 Lead Operator	(marialle	(239) 466-8039	
	the fire		

1

COMMENT AND EXPLANATION OF ANY VIOLATIONS

Facility Name:	Fort Myers Beach WWTP
Permit Number:	FLA144215-023
County:	Lee

## Monitoring Well ID: MWC-117544

Well Type: Compliance Description: FMB-3A Wa Part/Leving

ComplianceReport:QuarterlyFMB-3A Wa-Ke-HatcheeProgram:DomesticPark/Lexington Middle School (WPL)

Office:

South District

**Re-submitted DMR:** 

MONITORING PERIOD From: July 01, 2015 To: September 30, 2015

Date Sample Obtain: 7/8/2015

Time Sample Obtained: 11:29 AM

Was the well purged before sampling? X YES NO

Permit ent Requirement		Units	Sample Type	Monitoring Frequency	Detection Limits	Analysis Method	Sampling Equipment Used	Samples Filtered (L/F/N)
Report	Report	ft NGVD	In-Situ	Quaterly		FDEP-SOP-001/01	Pump	N
10	10	mg/L	Grab	Quaterly	0.01	EPA 353.2	Pump	N
500	500	mg/L	Grab	Quaterly	5.5	SM21 2540C	Pump	L
10	10	ug/L	Grab	Quaterly	0.5	EPA 200.8	Pump	N
250	250	mg/L	Grab	Quaterly	1.6	SM21 4500-CI D	Pump	N
5	5	ug/L	Grab	Quaterly	0.3	EPA 200.8	Pump	N
100	100	ug/L	Grab	Quaterly	0.5	EPA 200.8	Pump	N
15	15	ug/L	Grab	Quaterly	0.5	EPA 200.8	Pump	N
0	0	#/100mL	Grab	Quaterly	1	SM20 9222 B	Pump	L
6.5-8.5	6.5-8.5	s.u.	In-Situ	Quaterly		FDEP FT1100	Pump	N
250	250	mg/L	Grab	Quaterly	0.05	EPA 300.0	Pump	N
Report	Report	NTU	Grab	Quaterly	0.2	FDEP 1600	Pump	N
Report	Report 1	umhos/cm	In-Situ	Quaterly	2.0	FDEP FT1200	Pump	N
Report	Report	Deg C	In-Situ	Quaterly				N
Report	Report	mg/L	In-Situ	Quaterly	0.1	FDEP FT1500	Pump	N
						Report Deg C In-Situ Quaterly	Report Deg C In-Situ Quaterly FDEP FT1400	Report Deg C In-Situ Quaterly FDEP FT1400 Pump   Report mod In Situ Outlet FDEP FT1400 Pump

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personal properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME / TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTH	IOPIZED ACENIT	SIGNATURE OF BOD AMAL	15		
	IORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUT	TVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO.	DATE (mm/dd/yyyy)
Cary B. Wright A9243 Lead Operator		count	Jac	(239) 466-8039	10 / 22 / 2015
COMMENT AND EXPLANATION OF ANY VIOLATIONS	(REFERENCE ALL ATTAC	CHMENTS HERE)			

Facility Name:	Fort Myers Beach WWTP
Permit Number:	FLA144215-023
County:	Lee

## Monitoring Well ID: MWB-117542

#### Well Type: Background Description: FMB-4A Background Well Located in south east corner of the Fort Myers Beach WWTP.

Report: Program:

Quarterly Domestic

Office:

South District

**Re-submitted DMR:** 

MONITORING PERIOD July 01, 2015 TO: September 30, 2015 From:

Date Sample Obtain: 7/8/2015

0

Time Sample Obtained: 12:17 PM

Was the well purged before sampling? X YES NO

PARM Code	Sample Measurement	Permit Requirement	Units	Sample Type	Monitoring Frequency	Detection Limits	Analysis Method	Sampling Equipment Used	Samples Filtered (L/F/N)
82545	3.40	Report	ft NGVD	In-Situ	Quaterly		FDEP-SOP-001/01	Pump	N
00620	0.01	Report	mg/L	Grab	Quaterly	0.01	EPA 353.2	Pump	N
70295	294	Report	mg/L	Grab	Quaterly	5.5	SM21 2540C		L
00978	6.62	Report	ug/L	Grab	Quaterly	0.5	EPA 200.8		N
00940	5	Report	mg/L	Grab	Quaterly	1.6	SM21 4500-CI D		N
01113	0.3	Report	ug/L	Grab	Quaterly	0.3	EPA 200.8	1	N
01118	12.90	Report	ug/L	Grab	Quaterly	0.5	EPA 200.8		N
01114	0.5	Report	ug/L	Grab	Quaterly	0.5	EPA 200.8		N
74055	6.0	Report	#/100mL	Grab	Quaterly	1	SM20 9222 B		L
00400	6.5	Report	s.u.	In-Situ	Quaterly		FDEP FT1100		N
00945	8	Report	mg/L	Grab	Quaterly	0.05	EPA 300.0		N
00070	8.3	Report	NTU	Grab	Quaterly	0.2	FDEP 1600		N
00095	535	Report	umhos/cm	In-Situ	Quaterly	2.0	FDEP FT1200		N
00010	27.3	Report	Deg C	In-Situ	Quaterly		FDEP FT1400		N
00300	1	Report	mg/L	In-Situ	Quaterly	0.1	FDEP FT1500	Pump	N
	82545   00620   70295   00978   00940   01113   01114   74055   00400   00945   00070   00095   00010	PARM Code Measurement   82545 3.40   00620 0.01   70295 294   00978 6.62   00940 5   01113 0.3   01118 12.90   01114 0.5   74055 6.0   00945 8   00070 8.3   00095 535   00010 27.3	PARM Code Measurement Requirement   82545 3.40 Report   00620 0.01 Report   70295 294 Report   00978 6.62 Report   00940 5 Report   01113 0.3 Report   01118 12.90 Report   01114 0.5 Report   01114 0.5 Report   00400 6.5 Report   00945 8 Report   00070 8.3 Report   00095 5355 Report   00010 27.3 Report	PARM Code Measurement Requirement Onits   82545 3.40 Report ft NGVD   00620 0.01 Report mg/L   70295 294 Report mg/L   00978 6.62 Report ug/L   00940 5 Report ug/L   01113 0.3 Report ug/L   01118 12.90 Report ug/L   01114 0.5 Report ug/L   01114 0.5 Report ug/L   00400 6.5 Report ug/L   00400 6.5 Report su.   00945 8 Report mg/L   00070 8.3 Report NTU   00095 535 Report Deg C	PARM CodeMeasurementRequirementOnitsSample Type825453.40Reportft NGVDIn-Situ006200.01Reportmg/LGrab70295294Reportmg/LGrab009786.62Reportug/LGrab009405Reportug/LGrab011130.3Reportug/LGrab011140.5Reportug/LGrab011140.5Reportug/LGrab004006.5Reportsu.In-Situ009458Reportmg/LGrab000708.3Reportmg/LGrab0001027.3ReportDeg CIn-Situ	PARM CodeMeasurementRequirementUnitsSample TypeFrequency825453.40Reportft NGVDIn-SituQuaterly006200.01Reportmg/LGrabQuaterly70295294Reportmg/LGrabQuaterly009786.62Reportug/LGrabQuaterly009405Reportmg/LGrabQuaterly011130.3Reportug/LGrabQuaterly011140.5Reportug/LGrabQuaterly011140.5Reportug/LGrabQuaterly011140.5Reportug/LGrabQuaterly009406.5Reportug/LGrabQuaterly001140.5Reportug/LGrabQuaterly00156.0Reports.u.In-SituQuaterly0004006.5Reports.u.In-SituQuaterly0009458Reportmg/LGrabQuaterly00095535ReportIn-SituQuaterly0001027.3ReportDeg CIn-SituQuaterly0020011ReportDeg CIn-SituQuaterly0020011ReportDeg CIn-SituQuaterly	PARM CodeMeasurementRequirementUnitsSample TypeFrequencyDetection Limits825453.40Reportft NGVDIn-SituQuaterly0006200.01Reportmg/LGrabQuaterly0.0170295294Reportmg/LGrabQuaterly5.5009786.62Reportug/LGrabQuaterly0.5009405Reportmg/LGrabQuaterly0.5011130.3Reportug/LGrabQuaterly0.50111812.90Reportug/LGrabQuaterly0.5011140.5Reportug/LGrabQuaterly0.5011140.5Reportug/LGrabQuaterly0.5009406.5Reports.u.In-SituQuaterly0.5011140.5Reportug/LGrabQuaterly0.5009406.5Reports.u.In-SituQuaterly0.500940740556.0Reportmg/LGrabQuaterly0.5009406.5Reports.u.In-SituQuaterly0.5009406.5Reports.u.In-SituQuaterly0.05009458Reportmg/LGrabQuaterly0.200095535ReportNTUGrabQuaterly2.00001027.3ReportDeg CIn-Situ<	PARM CodeMeasurementRequirementOnlisSample TypeFrequencyDetection LimitsAnalysis Method825453.40Reportft NGVDIn-SituQuaterlyDetection LimitsFDEP-SOP-001/01006200.01Reportmg/LGrabQuaterly0.01EPA 353.270295294Reportmg/LGrabQuaterly5.5SM21 2540C009786.62Reportug/LGrabQuaterly0.5EPA 200.8009405Reportug/LGrabQuaterly0.3EPA 200.8011130.3Reportug/LGrabQuaterly0.5EPA 200.80111812.90Reportug/LGrabQuaterly0.5EPA 200.8011140.5Reportug/LGrabQuaterly0.5EPA 200.8011140.5Reportug/LGrabQuaterly0.5EPA 200.8740556.0Report#/100mLGrabQuaterly0.5EPA 200.8740558Reports.u.In-SituQuaterly1SM20 9222 B004006.5Reportmg/LGrabQuaterly0.05EPA 300.0009458Reportmg/LGrabQuaterly0.2FDEP FT110000095535ReportNTUGrabQuaterly0.2FDEP FT12000001027.3ReportDeg CIn-SituQuaterly2.0FDE	PARM CodeMeasurementRequirementUnitsSample TypeMonitoring FrequencyDetection LimitsAnalysis MethodEquipment Used825453.40Reportft NGVDIn-SituQuaterlyDetection LimitsAnalysis MethodEquipment Used006200.01Reportmg/LGrabQuaterly0.01EPA 353.2Pump70295294Reportmg/LGrabQuaterly5.5SM21 2540CPump009786.62Reportug/LGrabQuaterly0.5EPA 200.8Pump009405Reportmg/LGrabQuaterly0.3EPA 200.8Pump011130.3Reportug/LGrabQuaterly0.5EPA 200.8Pump011140.5Reportug/LGrabQuaterly0.5EPA 200.8Pump011140.5Reportug/LGrabQuaterly0.5EPA 200.8Pump004006.5Reportug/LGrabQuaterly0.5EPA 200.8Pump004006.5Reportsu.In-SituQuaterly0.5EPA 300.0Pump009458Reportmg/LGrabQuaterly0.05EPA 300.0Pump000708.3Reportmg/LGrabQuaterly0.2FDEP FT100Pump00095535Reportmg/LGrabQuaterly0.2FDEP FT1200Pump00010<

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personal properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and improvement for knowing violations.

NAME / TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO.	DATE (mm/dd/yyy
Cary B. Wright A9243 Lead Operator	Counter	(239) 466-8039	

COMMENT AND EXPLANATION OF ANY VIOLATIONS

Facility Name:	Fort Myers Beach WWTP
Permit Number:	FLA144215-023
County:	Lee

## Monitoring Well ID: MWI-117547

Well Type: Intermediate Description: FMB-5A Intermediate Well.

Report: Quarterly Program:

SE of RIB's

Domestic

Office:

South District

Re-submitted DMR:

MONITORING PERIOD From: July 01, 2015 To: September 30, 2015

NO

Date Sample Obtain: 7/9/2015

Time Sample Obtained: 12:15 PM

Was the well purged before sampling? X YES

PARM Code	Sample Measurement	Permit Requirement	Units	Sample Type	Monitoring Frequency	Detection Limits	Analysis Method	Sampling Equipment Used	Samples Filtered (L/F/N)
82545	3.63	Report	ft NGVD	In-Situ	Quaterly		FDEP-SOP-001/01	Pump	N
00620	4.18	Report	mg/L	Grab	Quaterly	0.01			N
70295	2,080	Report	mg/L	Grab	Quaterly	5.5		-	I.
00978	8.16	Report	ug/L	Grab	Quaterly	0.5		*	N
00940	190	Report	mg/L	Grab	Quaterly	1.6			N
01113	0.3	Report	ug/L	Grab	Quaterly	0.3			N
01118	26.80	Report	ug/L	Grab	Quaterly	0.5			N
01114	0.5	Report	ug/L	Grab	Quaterly				N
74055	1.0	Report	#/100mL	Grab	Quaterly	1			I
00400	6.2	Report	s.u.	In-Situ	Quaterly				N
00945	681	Report	mg/L	Grab	Quaterly	0.05			N
00070	6.8	Report	NTU	Grab	Quaterly	0.2			N
00095	3,000	Report	umhos/cm	In-Situ		2.0		*	N
00010	28.3	Report	Deg C	In-Situ					N
00300	0	Report	mg/L	In-Situ	Quaterly	0.1	FDEP FT1500		N
	82545 00620 70295 00978 00940 01113 01118 01114 74055 00400 00945 00070 00095 00010	PARM Code Measurement   82545 3.63   00620 4.18   70295 2,080   00978 8.16   00940 190   01113 0.3   01114 0.5   74055 1.0   00945 681   00070 6.8   00095 3,000   00010 28.3	PARM Code Measurement Requirement   82545 3.63 Report   00620 4.18 Report   70295 2,080 Report   00978 8.16 Report   00940 190 Report   01113 0.3 Report   01114 0.5 Report   01114 0.5 Report   00400 6.2 Report   00945 681 Report   00070 6.8 Report   00095 3,000 Report   00010 28.3 Report	PARM Code Measurement Requirement Units   82545 3.63 Report ft NGVD   00620 4.18 Report mg/L   70295 2,080 Report mg/L   00978 8.16 Report ug/L   00940 190 Report ug/L   01113 0.3 Report ug/L   01118 26.80 Report ug/L   01114 0.5 Report ug/L   01114 0.5 Report ug/L   00400 6.2 Report su.   00945 681 Report mg/L   00070 6.8 Report NTU   00095 3,000 Report umhos/cm   00010 28.3 Report Deg C	PARM CodeMeasurementRequirementUnitsSample Type825453.63Reportft NGVDIn-Situ006204.18Reportmg/LGrab702952,080Reportmg/LGrab009788.16Reportug/LGrab00940190Reportug/LGrab011130.3Reportug/LGrab0111826.80Reportug/LGrab011140.5Reportug/LGrab04006.2Reports.u.In-Situ00945681Reportmg/LGrab000953,000Reportumhos/cmIn-Situ0001028.3ReportDeg CIn-Situ	PARM CodeMeasurementRequirementUnitsSample TypeKnownenneg Frequency825453.63Reportft NGVDIn-SituQuaterly006204.18Reportmg/LGrabQuaterly702952,080Reportmg/LGrabQuaterly009788.16Reportug/LGrabQuaterly00940190Reportmg/LGrabQuaterly011130.3Reportug/LGrabQuaterly011140.5Reportug/LGrabQuaterly011140.5Reportug/LGrabQuaterly011140.5Reportug/LGrabQuaterly009406.2Reports.u.In-SituQuaterly00945681Reportmg/LGrabQuaterly000706.8Reportmg/LGrabQuaterly000953,000Reportumhos/cmIn-SituQuaterly0001028.3ReportDeg CIn-SituQuaterly	PARM CodeMeasurementRequirementUnitsSample TypeRequiremertsDetection Limits825453.63Reportft NGVDIn-SituQuaterly0006204.18Reportmg/LGrabQuaterly0.01702952,080Reportmg/LGrabQuaterly5.5009788.16Reportug/LGrabQuaterly0.500940190Reportmg/LGrabQuaterly0.5011130.3Reportug/LGrabQuaterly0.30111826.80Reportug/LGrabQuaterly0.5011140.5Reportug/LGrabQuaterly0.5009406.2Reports.u.In-SituQuaterly1004006.2Reportmg/LGrabQuaterly0.05000706.8Reportmg/LGrabQuaterly0.2000953,000Reportumhos/cmIn-SituQuaterly0.20001028.3ReportDeg CIn-SituQuaterly2.0	PARM CodeMeasurementRequirementUnitsSample TypeFrequencyDetection LimitsAnalysis Method825453.63Reportft NGVDIn-SituQuaterlyDetection LimitsAnalysis Method006204.18Reportmg/LGrabQuaterly0.01EPA 353.2702952,080Reportmg/LGrabQuaterly5.5SM21 2540C009788.16Reportug/LGrabQuaterly0.5EPA 200.800940190Reportmg/LGrabQuaterly1.6SM21 4500-CI <sup>-</sup> D011130.3Reportug/LGrabQuaterly0.3EPA 200.8011140.5Reportug/LGrabQuaterly0.5EPA 200.8011140.5Reportug/LGrabQuaterly0.5EPA 200.8011140.5Reportug/LGrabQuaterly0.5EPA 200.8011140.5Reportug/LGrabQuaterly0.5EPA 200.8011140.5Reportug/LGrabQuaterly0.5EPA 200.8004006.2Reportsu.In-SituQuaterly0.5EPA 300.000945681Reportmg/LGrabQuaterly0.2FDEP FT1100000953,000Reportmg/LGrabQuaterly0.2FDEP FT12000001028.3ReportDeg CIn-SituQuaterly2.0<	PARM CodeMeasurementRequirementUnitsSample TypeInternets FrequencyDetection LimitsAnalysis MethodEquipment Used825453.63Reportft NGVDIn-SituQuaterlyDetection LimitsAnalysis MethodEquipment Used006204.18Reportmg/LGrabQuaterly0.01EPA 353.2Pump702952,080Reportmg/LGrabQuaterly5.5SM21 2540CPump009788.16Reportug/LGrabQuaterly0.5EPA 200.8Pump00940190Reportmg/LGrabQuaterly0.3EPA 200.8Pump011130.3Reportug/LGrabQuaterly0.5EPA 200.8Pump011140.5Reportug/LGrabQuaterly0.5EPA 200.8Pump011140.5Reportug/LGrabQuaterly0.5EPA 200.8Pump004006.2Reportug/LGrabQuaterly0.5EPA 200.8Pump004006.2Reportsu.In-SituQuaterly0.5EPA 300.0Pump00945681Reportmg/LGrabQuaterly0.05EPA 300.0Pump000706.8Reportmg/LGrabQuaterly0.2FDEP FT100Pump0001028.3Reportmg/LGrabQuaterly0.2FDEP FT1200Pump

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personal property gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisoment for knowing violations.

NAME / TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO.	DATE (mm/dd/yyyy)
Cary B. Wright A9243 Lead Operator	Connight	(239) 466-8039	

COMMENT AND EXPLANATION OF ANY VIOLATIONS

Facility Name:	Fort Myers Beach WWTP
Permit Number:	FLA144215-023
County:	Lee

#### Monitoring Well ID: MWC-117545

Well Type: Compliance Description: FMB-6A Compliance Well. SE end of RIB's

Report:QuarterlyProgram:Domestic

Office:

South District

Re-submitted DMR:

MONITORING PERIOD From: July 01, 2015 To: September 30, 2015

Date Sample Obtain: 7/9/2015

Time Sample Obtained: 1:02 PM

Was the well purged before sampling? X YES NO

PARM Code	Sample Measurement	Permit Requirement	Units	Sample Type	Monitoring Frequency	Detection Limits	Analysis Method	Sampling Equipment Used	Samples Filtered (L/F/N)
82545	3.44	Report	ft NGVD	In-Situ	Quaterly		FDEP-SOP-001/01	Pump	N
00620	0.03	10	mg/L	Grab	Quaterly	0.01	EPA 353.2	Pump	N
70295	606	500	mg/L	Grab	Quaterly	5.5	SM21 2540C	Pump	L
00978	4.57	10	ug/L	Grab	Quaterly	0.5	EPA 200.8	Pump	N
00940	230	250	mg/L	Grab	Quaterly	1.6	SM21 4500-CI D	Pump	N
01113	0.3	5	ug/L	Grab	Quaterly	0.3	EPA 200.8	Pump	N
01118	9.95	100	ug/L	Grab	Quaterly	0.5	EPA 200.8	*	N
01114	0.5	15	ug/L	Grab	Quaterly	0.5	EPA 200.8	Pump	N
74055	1.0	0	#/100mL	Grab	Quaterly	1	SM20 9222 B	Pump	L
00400	6.7	6.5-8.5	s.u.	In-Situ	Quaterly		FDEP FT1100	-	N
00945	69	250	mg/L	Grab	Quaterly	0.05	EPA 300.0	*	N
00070	5.3	Report	NTU	Grab	Quaterly	0.2	FDEP 1600	Pump	N
00095	1,160	Report	umhos/cm	In-Situ	Quaterly	2.0	FDEP FT1200	Pump	N
00010	27.1	Report	Deg C	In-Situ	Quaterly		FDEP FT1400	*	N
00300	0	Report	mg/L	In-Situ	Quaterly	0.1	FDEP FT1500	Pump	N
	82545   00620   70295   00978   00940   01113   01118   01114   74055   00400   00945   00070   00095   00010	PARM Code Measurement   82545 3.44   00620 0.03   70295 606   00978 4.57   00940 230   01113 0.3   01118 9.95   01114 0.5   74055 1.0   00400 6.7   00945 69   00070 5.3   00095 1,160   00010 27.1	PARM Code Measurement Requirement   82545 3.44 Report   00620 0.03 10   70295 606 500   00978 4.57 10   00940 230 250   01113 0.3 5   01114 0.5 15   74055 1.0 0   00400 6.7 6.5-8.5   00945 69 250   00070 5.3 Report   00095 1,160 Report   00010 27.1 Report	PARM Code Measurement Requirement Units   82545 3.44 Report ft NGVD   00620 0.03 10 mg/L   70295 606 500 mg/L   00978 4.57 10 ug/L   00940 230 250 mg/L   01113 0.3 5 ug/L   01118 9.95 100 ug/L   01114 0.5 15 ug/L   01114 0.5 15 ug/L   01114 0.5 15 ug/L   01114 0.5 15 ug/L   00400 6.7 6.5-8.5 s.u.   00945 69 250 mg/L   00070 5.3 Report NTU   00095 1,160 Report umhos/cm   00010 27.1 Report Deg C	PARM Code Measurement Requirement Units Sample Type   82545 3.44 Report ft NGVD In-Situ   00620 0.03 10 mg/L Grab   70295 606 500 mg/L Grab   00978 4.57 10 ug/L Grab   00940 230 250 mg/L Grab   01113 0.3 5 ug/L Grab   01114 9.95 100 ug/L Grab   01114 0.5 15 ug/L Grab   00400 6.7 6.5-8.5 s.u. In-Situ   00945 69 250 mg/L Grab   00070 5.3 Report NTU Grab   000070 5.3 Report	PARM CodeMeasurementRequirementUnitsSample TypeFrequency825453.44Reportft NGVDIn-SituQuaterly006200.0310mg/LGrabQuaterly70295606500mg/LGrabQuaterly009784.5710ug/LGrabQuaterly00940230250mg/LGrabQuaterly011130.35ug/LGrabQuaterly011140.515ug/LGrabQuaterly011140.55startUg/LGrabQuaterly009406.76.5-8.5s.u.In-SituQuaterly004006.76.5-8.5s.u.In-SituQuaterly0094569250mg/LGrabQuaterly00951,160ReportNTUGrabQuaterly0001027.1ReportDeg CIn-SituQuaterly00202001127.1ReportDeg CIn-SituQuaterly	PARM CodeMeasurementRequirementUnitsSample TypeFrequencyDetection Limits825453.44Reportft NGVDIn-SituQuaterly0.01006200.0310mg/LGrabQuaterly0.0170295606500mg/LGrabQuaterly5.5009784.5710ug/LGrabQuaterly0.500940230250mg/LGrabQuaterly0.500940230250mg/LGrabQuaterly0.5011130.35ug/LGrabQuaterly0.5011140.515ug/LGrabQuaterly0.5011140.515ug/LGrabQuaterly1004006.76.5-8.5s.u.In-SituQuaterly10094569250mg/LGrabQuaterly0.05000705.3ReportNTUGrabQuaterly0.2000951,160Reportumhos/cmIn-SituQuaterly2.00001027.1ReportDeg CIn-SituQuaterly2.0	PARM CodeMeasurementRequirementUnitsSample TypeFrequencyDetection LimitsAnalysis Method825453.44Reportft NGVDIn-SituQuaterlyDetection LimitsAnalysis Method006200.0310mg/LGrabQuaterly0.01EPA 353.270295606500mg/LGrabQuaterly5.5SM21 2540C009784.5710ug/LGrabQuaterly0.5EPA 200.800940230250mg/LGrabQuaterly0.3EPA 200.8011130.35ug/LGrabQuaterly0.5EPA 200.8011140.515ug/LGrabQuaterly0.5EPA 200.8011140.515ug/LGrabQuaterly0.5EPA 200.8004006.76.5-8.5s.u.In-SituQuaterly0.5EPA 200.8740551.00#/100mLGrabQuaterly1SM20 9222 B004006.76.5-8.5s.u.In-SituQuaterly0.05EPA 300.00094569250mg/LGrabQuaterly0.2FDEP FT110000951,160Reportumhos/cmIn-SituQuaterly2.0FDEP FT12000001027.1ReportDeg CIn-SituQuaterly2.0FDEP FT1400	PARM Code MeasurementNeument RequirementUnitsSample TypeMonthering FrequencyDetection LimitsAnalysis MethodEquipment Used825453.44Reportft NGVDIn-SituQuaterlyDetection LimitsAnalysis MethodEquipment Used006200.0310mg/LGrabQuaterly0.01EPA 353.2Pump70295606500mg/LGrabQuaterly5.5SM21 2540CPump009784.5710ug/LGrabQuaterly0.5EPA 200.8Pump00940230250mg/LGrabQuaterly0.3EPA 200.8Pump011130.35ug/LGrabQuaterly0.5EPA 200.8Pump011140.515ug/LGrabQuaterly0.5EPA 200.8Pump011140.515ug/LGrabQuaterly0.5EPA 200.8Pump004006.76.5-8.5s.u.In-SituQuaterly0.5EPA 200.8Pump0094569250mg/LGrabQuaterly0.5EPA 300.0Pump000705.3ReportNTUGrabQuaterly0.2FDEP FT1100Pump000951,160Reportumhos/cmIn-SituQuaterly0.2FDEP FT1200Pump0001027.1ReportDeg CIn-SituQuaterly2.0FDEP FT1400Pump00010

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personal properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and information knowing violations.

NAME / TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO.	DATE (mm/dd/yyyy)
Cary B. Wright A9243 Lead Operator	Counter	(239) 466-8039	

COMMENT AND EXPLANATION OF ANY VIOLATIONS

Laboratory Results Lee County Environmental Laboratory 60-2 Danley Drive Fort Myers, FL 33907

239-533-8600



7/28/2015

Report Date:

To: Fort Myers Beach WWTP 17155 Pine Ridge Rd Fort Myers Beach FL 33931

239-466-8039

Below are the results of samples submitted to this laboratory on 7/8/2015

Laboratory IDAD22138Location CodeFMB-1ASample DescriptionFMB Well 1A			bde FMB-1A Sample Collector NEIL AYERS						
Analysis Code		Analyte Name	Result	Qualifier	Units	MDL	Analysis Date	Analysis Time	Analysis Method
AS-ICPMS Are	senic		0.835	1	µg/L	0.50	7/10/2015	11:30 AM	EPA 200.8
CD-ICPMS Ca	admium		0.3	U	µg/L	0.30	7/10/2015		EPA 200.8
CL_P Ch	nloride		93	SAL	mg/L	2.0	7/17/2015	5:02 PM	SM21 4500-CIT D
CONDF Sp	pecific Co	nductance, 25°C, Field	859		µmhos/cm	2	7/8/2015		FDEP FT1200
CR-ICPMS Ch	n <b>romium</b>		8.63		µg/L	0.50	7/10/2015	11:30 AM	EPA 200.8
DOFIELD Ox	xygen, Dis	ssolved, Electrode	0.5		mg/L	0.1	7/8/2015	10:20 AM	FDEP FT1500
ELEV Ele	evation, V	Vater Table	4.35		Feet NGVD		7/8/2015	10:20 AM	FDEP-SOP-001/01
FCMF Co	oliform, Fe	ecal	1	u	colonies/100mL	1	7/8/2015	2:42 PM	SM21 9222 D
NO2 Nit	trite		0.003	U	mg/L as N	0.003	7/9/2015	6:57 AM	EPA 353.2
NO3 Nit	trate		0.010	U	mg/L as N	0.01	7/10/2015	12:19 PM	EPA 353.2
	trate + Ni	trite	0.010	U	mg/L as N	0.01	7/10/2015	12:19 PM	EPA 353.2
PB-ICPMS Lea	ad		0.5	U	µg/L	0.50	7/10/2015	11:30 AM	EPA 200.8
	l, Field (e	lectrometric)	6.9		units		7/8/2015	10:20 AM	FDEP FT1100
	ample Col	lection Ground Water	Completed				7/8/2015	10:20 AM	FDEP-SOP-001/01
	lfate		19.8		mg/L	0.5	7/14/2015	8:41 AM	EPA 300.0
		ved Solids/filterable	414		mg/L	5.5	7/15/2015	2:00 PM	SM21 2540 C
TEMPF Fie	eld Tempo	erature	27.3		°C		7/8/2015	10:20 AM	FDEP FT1400
TURBF Tu	irbidity (N	ephelometric), field measure	8.9		NTU	0.2	7/8/2015		FDEP FT1600

Report Format: NELAC DOH #E45049



Page 1 of 5

Laboratory ID Location Code AD22139 Sample Description

FMB-2A FMB Well 2A Collection date and time 7/8/2015 10:48 AM Sample Collector **NEIL AYERS** 

Analysis Code	Analyte Name	Result	Qualifier	Units	MDL	Analysis Date	Analysis Time	Analysis Metho
S-ICPMS	Arsenic	1.65	1	µg/L	0.50	7/10/2015	11:30 AM	EPA 200.8
D-ICPMS	Cadmium	0.3	U	µg/L	0.30	7/10/2015	11:30 AM	EPA 200.8
LP	Chloride	100	I SAL	mg/L	100	7/17/2015	4:12 PM	SM21 4500-CI D
ONDF	Specific Conductance, 25°C, Field	1090		µmhos/cm	2	7/8/2015	10:48 AM	FDEP FT1200
R-ICPMS	Chromium	13.4		µg/L	0.50	7/10/2015	11:30 AM	EPA 200.8
OFIELD	Oxygen, Dissolved, Electrode	0.4		mg/L	0.1	7/8/2015	10:48 AM	FDEP FT1500
LEV	Elevation, Water Table	3.90		Feet NGVD		7/8/2015	10:48 AM	FDEP-SOP-001/0
CMF	Coliform, Fecal	1	U	colonies/100mL	1	7/8/2015	2:42 PM	SM21 9222 D
02	Nitrite	0.003	U	mg/L as N	0.003	7/9/2015	6:57 AM	EPA 353.2
03	Nitrate	0.010	U	mg/L as N	0.01	7/10/2015	12:19 PM	EPA 353.2
XC	Nitrate + Nitrite	0.010	U	mg/L as N	0.01	7/10/2015	12:19 PM	EPA 353.2
B-ICPMS	Lead	0.5	U	µg/L	0.50	7/10/2015	11:30 AM	EPA 200.8
HF	pH, Field (electrometric)	6.6		units		7/8/2015	10:48 AM	FDEP FT1100
AMPLEG	Sample Collection Ground Water	Completed				7/8/2015	10:48 AM	FDEP-SOP-001/0
04_IC	Sulfate	6.23		mg/L	0.5	7/14/2015	8:41 AM	EPA 300.0
DS	Total Dissolved Solids/filterable	588		mg/L	5.5	7/15/2015	2:00 PM	SM21 2540 C
EMPF	Field Temperature	27.7		°C		7/8/2015	10:48 AM	FDEP FT1400
JRBF	Turbidity (Nephelometric), field measure	1.4		NTU	0.2	7/8/2015	10:48 AM	FDEP FT1600
aboratory ocation C Sample De	code FMB-3A			ction date and time ble Collector	NEIL AN		:29 AM	
	escription FMB Well 3A							
nalysis	Analyte Name	Result	Qualifier	Units	MDL	Analysis Date	Analysis Time	Analysis Metho
nalysis ode		Result 5.12	Qualifier	<mark>Units</mark> μg/L	<b>MDL</b> 0.50		Time	Analysis Metho EPA 200.8
<b>nalysis</b> ode S-ICPMS	Analyte Name		Qualifier U	µg/L		Date	<b>Time</b> 11:30 AM	•
nalysis ode S-ICPMS D-ICPMS	Analyte Name Arsenic	5.12			0.50	Date 7/10/2015	Time 11:30 AM 11:30 AM	EPA 200.8 EPA 200.8
nalysis ode S-ICPMS D-ICPMS	Analyte Name Arsenic Cadmium	5.12 0.3	U	μg/L μg/L	0.50 0.30	Date 7/10/2015 7/10/2015	Time 11:30 AM 11:30 AM 4:13 PM	EPA 200.8 EPA 200.8
s-ICPMS D-ICPMS L_P ONDF	Analyte Name Arsenic Cadmium Chloride Specific Conductance, 25°C, Field	5.12 0.3 430	U	μg/L μg/L mg/L	0.50 0.30 100	Date 7/10/2015 7/10/2015 7/17/2015	Time 11:30 AM 11:30 AM 4:13 PM 11:29 AM	EPA 200.8 EPA 200.8 SM21 4500-CIT D
Analysis Code S-ICPMS D-ICPMS L_P ONDF R-ICPMS OFIELD	Analyte Name Arsenic Cadmium Chloride Specific Conductance, 25°C, Field	5.12 0.3 430 3710	U	μg/L μg/L mg/L μmhos/cm	0.50 0.30 100 2	Date 7/10/2015 7/10/2015 7/17/2015 7/8/2015	Time 11:30 AM 11:30 AM 4:13 PM 11:29 AM 11:30 AM	EPA 200.8 EPA 200.8 SM21 4500-CI <sup>-</sup> D FDEP FT1200
nalysis ode S-ICPMS D-ICPMS P DNDF R-ICPMS DFIELD	Analyte Name Arsenic Cadmium Chloride Specific Conductance, 25°C, Field Chromium	5.12 0.3 430 3710 36.5	U	μg/L μg/L mg/L μmhos/cm μg/L	0.50 0.30 100 2 0.50	Date 7/10/2015 7/10/2015 7/17/2015 7/8/2015 7/10/2015	Time 11:30 AM 11:30 AM 4:13 PM 11:29 AM 11:30 AM 11:29 AM	EPA 200.8 EPA 200.8 SM21 4500-CI <sup>-</sup> D FDEP FT1200 EPA 200.8 FDEP FT1500
nalysis ode S-ICPMS D-ICPMS D-ICPMS CONDF R-ICPMS DFIELD LEV	Analyte Name Arsenic Cadmium Chloride Specific Conductance, 25°C, Field Chromium Oxygen, Dissolved, Electrode	5.12 0.3 430 3710 36.5 0.2	U	μg/L μg/L mg/L μmhos/cm μg/L mg/L	0.50 0.30 100 2 0.50	Date 7/10/2015 7/10/2015 7/17/2015 7/8/2015 7/10/2015 7/8/2015	Time 11:30 AM 11:30 AM 4:13 PM 11:29 AM 11:29 AM 11:29 AM 11:29 AM	EPA 200.8 EPA 200.8 SM21 4500-CI <sup>-</sup> D FDEP FT1200 EPA 200.8 FDEP FT1500
nalysis ode S-ICPMS D-ICPMS P ONDF R-ICPMS	Analyte Name Arsenic Cadmium Chloride Specific Conductance, 25°C, Field Chromium Oxygen, Dissolved, Electrode Elevation, Water Table	5.12 0.3 430 3710 36.5 0.2 3.48	U SAL	μg/L μg/L mg/L μmhos/cm μg/L mg/L Feet NGVD	0.50 0.30 100 2 0.50 0.1	Date 7/10/2015 7/10/2015 7/17/2015 7/8/2015 7/8/2015 7/8/2015 7/8/2015	Time 11:30 AM 11:30 AM 4:13 PM 11:29 AM 11:29 AM 11:29 AM 11:29 AM 2:42 PM	EPA 200.8 EPA 200.8 SM21 4500-CI <sup>-</sup> D FDEP FT1200 EPA 200.8 FDEP FT1500 FDEP-SOP-001/0
nalysis ode S-ICPMS D-ICPMS D-ICPMS D-ICPMS D-ICPMS DFIELD LEV CMF D2	Analyte Name Arsenic Cadmium Chloride Specific Conductance, 25°C, Field Chromium Oxygen, Dissolved, Electrode Elevation, Water Table Coliform, Fecal	5.12 0.3 430 3710 36.5 0.2 3.48 1	U SAL U	μg/L μg/L mg/L μmhos/cm μg/L mg/L Feet NGVD colonies/100mL	0.50 0.30 100 2 0.50 0.1	Date 7/10/2015 7/10/2015 7/17/2015 7/8/2015 7/8/2015 7/8/2015 7/8/2015 7/8/2015	Time 11:30 AM 11:30 AM 4:13 PM 11:29 AM 11:29 AM 11:29 AM 11:29 AM 2:42 PM 6:57 AM	EPA 200.8 EPA 200.8 SM21 4500-CI <sup>-</sup> D FDEP FT1200 EPA 200.8 FDEP FT1500 FDEP-SOP-001/0 SM21 9222 D
nalysis ode S-ICPMS D-ICPMS D-ICPMS D-ICPMS DFIELD LEV DFIELD LEV DMF D2 D3	Analyte Name Arsenic Cadmium Chloride Specific Conductance, 25°C, Field Chromium Oxygen, Dissolved, Electrode Elevation, Water Table Coliform, Fecal Nitrite	5.12 0.3 430 3710 36.5 0.2 3.48 1 0.010	U SAL U	μg/L μg/L mg/L μmhos/cm μg/L mg/L Feet NGVD colonies/100mL mg/L as N	0.50 0.30 100 2 0.50 0.1 1 0.003	Date 7/10/2015 7/10/2015 7/8/2015 7/8/2015 7/8/2015 7/8/2015 7/8/2015 7/8/2015 7/9/2015	Time 11:30 AM 11:30 AM 4:13 PM 11:29 AM 11:29 AM 11:29 AM 2:42 PM 6:57 AM 9:26 AM	EPA 200.8 EPA 200.8 SM21 4500-CI <sup>-</sup> D FDEP FT1200 EPA 200.8 FDEP FT1500 FDEP-SOP-001/0 SM21 9222 D EPA 353.2
nalysis code S-ICPMS D-ICPMS D-ICPMS D-ICPMS ONDF R-ICPMS OFIELD LEV CMF	Analyte Name Arsenic Cadmium Chloride Specific Conductance, 25°C, Field Chromium Oxygen, Dissolved, Electrode Elevation, Water Table Coliform, Fecal Nitrite Nitrate	5.12 0.3 430 3710 36.5 0.2 3.48 1 0.010 0.010	U SAL U	μg/L μg/L mg/L μmhos/cm μg/L Feet NGVD colonies/100mL mg/L as N mg/L as N	0.50 0.30 100 2 0.50 0.1 1 0.003 0.01	Date 7/10/2015 7/10/2015 7/8/2015 7/8/2015 7/8/2015 7/8/2015 7/8/2015 7/8/2015 7/9/2015 7/14/2015	Time 11:30 AM 11:30 AM 4:13 PM 11:29 AM 11:29 AM 11:29 AM 2:42 PM 6:57 AM 9:26 AM 9:26 AM	EPA 200.8 EPA 200.8 SM21 4500-CI <sup>-</sup> D FDEP FT1200 EPA 200.8 FDEP FT1500 FDEP-SOP-001/0 SM21 9222 D EPA 353.2 EPA 353.2

Laboratory IDAD22140Location CodeFMB-3ASample DescriptionFMB Well 3A			Collection date and time 7/8/2015 11:29 AM Sample Collector NEIL AYERS						
Analysis Code		Analyte Name	Result	Qualifier	Units	MDL	Analysis Date	Analysis Time	Analysis Method
PHF	pH, Field (	electrometric)	6.4		units		7/8/2015	11:29 AM	FDEP FT1100
SAMPLEG	Sample Co	ellection Ground Water	Completed				7/8/2015	11:29 AM	FDEP-SOP-001/01
604_IC	Sulfate		124		mg/L	5.0	7/14/2015	8:41 AM	EPA 300.0
DS	Total Disso	olved Solids/filterable	2310		mg/L	5.5	7/15/2015	2:00 PM	SM21 2540 C
EMPF	Field Temp	berature	27.5		°C		7/8/2015	11:29 AM	FDEP FT1400
URBF	Turbidity (I	Nephelometric), field measure	2.0		NTU	0.2	7/8/2015	11:29 AM	FDEP FT1600
Laboratory Location C Sample De	ode	AD22141 FMB-4A FMB Well 4A			ction date and time ble Collector	e 7/8/2 NEIL AY		:17 PM	
Analysis Code		Analyte Name	Result	Qualifier	Units	MDL	Analysis Date	Analysis Time	Analysis Method
S-ICPMS	Arsenic		6.62		µg/L	0.50	7/10/2015	11:30 AM	EPA 200.8
D-ICPMS	Cadmium		0.3	U	µg/L	0.30	7/10/2015		EPA 200.8
L_P	Chloride		5.4	SAL	mg/L	1.0	7/17/2015		SM21 4500-CI D
ONDF	Specific Co	onductance, 25°C, Field	535		µmhos/cm	2	7/8/2015	12:17 PM	FDEP FT1200
R-ICPMS	Chromium		12.9		µg/L	0.50	7/10/2015	11:30 AM	EPA 200.8
OFIELD	Oxygen, D	issolved, Electrode	0.7		mg/L	0.1	7/8/2015	12:17 PM	FDEP FT1500
LEV	Elevation,	Water Table	3.40		Feet NGVD		7/8/2015	12:17 PM	FDEP-SOP-001/01
CMF	Coliform, F	ecal	6		colonies/100mL	1	7/8/2015	2:42 PM	SM21 9222 D
	med positive	for fecal coliform.							
102	Nitrite		0.003	I	mg/L as N	0.003	7/9/2015	6:57 AM	EPA 353.2
103	Nitrate		0.010	U	mg/L as N	0.01	7/10/2015	12:19 PM	EPA 353.2
IOX	Nitrate + N	itrite	0.010	U	mg/L as N	0.01	7/10/2015	12:19 PM	EPA 353.2
B-ICPMS	Lead	5.	0.5	U	µg/L	0.50	7/10/2015	11:30 AM	EPA 200.8
HF		electrometric)	6.5		units		7/8/2015	12:17 PM	FDEP FT1100
AMPLEG	-	llection Ground Water	Completed				7/8/2015	12:17 PM	FDEP-SOP-001/01
604_IC	Sulfate		7.95		mg/L	0.5	7/14/2015	8:41 AM	EPA 300.0
DS		olved Solids/filterable	294		mg/L	5.5	7/15/2015	2:00 PM	SM21 2540 C
EMPF	Field Temp		27.3		°C		7/8/2015	12:17 PM	FDEP FT1400
URBF		Nephelometric), field measure	8.3		NTU	0.2	7/8/2015		

Report Format: NELAC DOH #E45049



Laboratory Location C Sample D	Code FMB-5A			ction date and tim ple Collector	e 7/9/ NEIL A'		:15 PM	
Analysis Code	Analyte Name	Result	Qualifier	Units	MDL	Analysis Date	Analysis Time	Analysis Method
AS-ICPMS		8.16		µg/L −	0.50	7/10/2015	11:30 AM	EPA 200.8
CD-ICPMS		0.3	U	µg/L	0.30	7/10/2015	11:30 AM	EPA 200.8
CL_P	Chloride	190	I SAL	mg/L	100	7/17/2015	4:14 PM	SM21 4500-CIT D
CONDF	Specific Conductance, 25°C, Field	3000		µmhos/cm	2	7/9/2015	12:15 PM	FDEP FT1200
CR-ICPMS		26.8		µg/L	0.50	7/10/2015	11:30 AM	EPA 200.8
DOFIELD	Oxygen, Dissolved, Electrode	0.4		mg/L	0.1	7/9/2015	12:15 PM	FDEP FT1500
ELEV	Elevation, Water Table	3.63		Feet NGVD		7/9/2015		FDEP-SOP-001/01
FCMF	Coliform, Fecal	1	U	colonies/100mL	1	7/9/2015	2:27 PM	SM21 9222 D
NO2	Nitrite	0.030		mg/L as N	0.003	7/10/2015	12:19 PM	EPA 353.2
NO3	Nitrate	4.176		mg/L as N	0.01	7/14/2015	9:26 AM	EPA 353.2
NOX	Nitrate + Nitrite	4.206		mg/L as N	0.01	7/14/2015	9:26 AM	EPA 353.2
PB-ICPMS	Lead	0.5	U	µg/L	0.50	7/10/2015		EPA 200.8
PHF	pH, Field (electrometric)	6.2		units		7/9/2015		FDEP FT1100
SAMPLEG	Sample Collection Ground Water	Completed				7/9/2015		FDEP-SOP-001/01
SO4_IC	Sulfate	681		mg/L	10.0	7/14/2015	8:41 AM	EPA 300.0
TDS	Total Dissolved Solids/filterable	2080		mg/L	5.5	7/15/2015	2:00 PM	SM21 2540 C
TEMPF	Field Temperature	28.3		°C		7/9/2015		FDEP FT1400
TURBF	Turbidity (Nephelometric), field measure	6.8		NTU	0.2	7/9/2015		FDEP FT1600
Laboratory			Colle	ction date and tim	e 7/9/	2015 1:0	2 PM	
Location C Sample De			Sam	pie Collector	NEIL AN	(ERS		
Analysis Code	Analyte Name	Deput	0			Analysis	Analysis	
		Result	Qualifier	Units	MDL	Date	Time	Analysis Method
AS-ICPMS	Arsenic	4.57		µg/L	0.50	7/10/2015	11:30 AM	EPA 200.8
CD-ICPMS	* *********	0.3	U	μg/L	0.30	7/10/2015	11:30 AM	EPA 200.8
CL_P	Chloride	230	I SAL	mg/L	100	7/17/2015	4:14 PM	SM21 4500-CI D
CONDF	Specific Conductance, 25°C, Field	1160		µmhos/cm	2	7/9/2015	1:02 PM	FDEP FT1200
CR-ICPMS	Chromium	9.95		µg/L	0.50	7/10/2015	11:30 AM	EPA 200.8
DOFIELD	Oxygen, Dissolved, Electrode	0.1		mg/L	0.1	7/9/2015	1:02 PM	FDEP FT1500
ELEV	Elevation, Water Table	3.44		Feet NGVD		7/9/2015	1:02 PM	FDEP-SOP-001/01
FCMF	Coliform, Fecal	1	U	colonies/100mL	1	7/9/2015	2:27 PM	SM21 9222 D
102	Nitrite	0.003	U	mg/L as N	0.003	7/10/2015		EPA 353.2
103	Nitrate	0.031	1	mg/L as N	0.01	7/10/2015		EPA 353.2
VOX	Nitrate + Nitrite	0.031	1	mg/L as N	0.01	7/10/2015		EPA 353.2
PB-ICPMS	Lead	0.5	U	uall	0.50	7/10/2015		EPA 200.8
Report Format: NE			SOULD IN ACCORDS	<b>E</b>			Page 4 of	5



Laborator Location ( Sample D		AD22143 Collection date and time 7/9/2015 1:02 PM FMB-6A Sample Collector NEIL AYERS FMB Well 6A							
Analysis Code		Analyte Name	Result	Qualifier	Units	MDL	Analysis Date	Analysis Time	Analysis Method
HF		electrometric)	6.7		units		7/9/2015	1:02 PM	FDEP FT1100
SAMPLEG		llection Ground Water	Completed				7/9/2015	1:02 PM	FDEP-SOP-001/01
604_IC	Sulfate		68.7		mg/L	1.0	7/15/2015	10:00 AM	EPA 300.0
DS		lved Solids/filterable	606		mg/L	5.5	7/15/2015	2:00 PM	SM21 2540 C
EMPF	Field Temp		27.1		°C		7/9/2015	1:02 PM	FDEP FT1400
URBF	Turbidity (N	lephelometric), field measure	5.3		NTU	0.2	7/9/2015	1:02 PM	FDEP FT1600
aboratory	/ ID	AD22144	Collection date an		tion date and ti	me 7/9/2			
ocation C Sample D	ode escription	FMBPONDE Sample Collector NEIL		Sample Collector NEIL AYERS			20 PM		
Analysis Code		Analyte Name	Result	Qualifier	Units	MDL	Analysis Date	Analysis Time	Analysis Method
L_P	Chloride		97	SAL	mg/L	10	7/17/2015	4:15 PM	SM21 4500-CIT D
OND	Specific Co	nductance, 25°C	1209		µmhos/cm	2	7/15/2015	2:50 PM	SM21 2510 B
AMPLE	Sample Co.	llection	Completed		•	—	7/9/2015		FDEP-SOP-001/01
O4_IC	Sulfate		128		mg/L	2.5	7/14/2015	8:41 AM	EPA 300.0
DS		lved Solids/filterable	660					21-1 1 J J J J J	LI / 000.0

Qualifiers:

The value is less than, or equal to, the laboratory's practical quantitation limit (PQL) and greater than the minimum detection limit (MDL).

I SAL The value is < or = to the PQL and > the MDL. Analysis performed by Southern Analytical Laboratories, Inc., Oldsmar, FL - DOH #E84129.

SAL Analysis performed by Southern Analytical Laboratories, Inc., Oldsmar, FL - DOH # E84129.

U Indicates that the compound was analyzed for but not detected.

Unless noted otherwise, these test results meet all the requirements of the 2003 NELAC Standards. The results provided herein relate only to the samples cited as they were received by the laboratory. All questions regarding this report should be directed to Rick Armstrong, Laboratory Manager.

Rick Armstrong Laboratory Manager

Report Format: NELAC DOH #E45049



Page 5 of 5

# LCEL

Lee County Environmental Laboratory 60-2 Danley Dr Ft Myers, FL 33907 Phone: (239) 533-8600 Fax: (239) 939-4850

## Analysis Request & Chain of Custody Record

Lab Certification: E45049

Report/Result Information	on	Billin	g/Invoice Informa	ition							Pa	ige	1	of 1	
Name: Patricia DiPiero Address: LCU 1500 Monroe St Ft. Myers, Fl 33901			Name: Lee County Utilities Address: 1500 Monroe St Ft. Myers, F1 33901 :FMB Reuse			Matrix Codes: DW-Drinking water GW- Ground water WW-Waste water						<u>Perservative Codes</u> : NP-No Preservative N-Nitric Acid S-Sulfuric Acid			
						Phone/Fax/Cell: (239) 533-8534			Phone/Fax/Gell: (239) 533-8534						
Sample Collector(s) (please print): NEK ALERS	Sample Collector Signature:			Analyses Required									1		
Relinquished By (signifure)	Date/ 7/8/15	Time 13:20	Received By signature	2	ev,		Ň	ő		DS,			×		
Relinquished By: (signature) Date		Time Received By: (regnature)			CondF, DOF, Elev, PHF, SampGW, , TempF, TurbF		As, Cd, Cr, Pb by ICPMS	CL_P_NO2, NO3,		so4_IC, TDS	11)	GW	KUNZON (ba)		
Relinquished By: (ngnature)	Date	Time	Received By: (signature)	2 mil	CondF PHF, S TempF	FCMF	As, Cd ICPMS	CL P TDS, S	NOx	Ci_P, S	SamplE	SampleGW	Method n		
					Preservatives (see codes)										
Sample(s) on ice X Yes or No? Temp 0. 2015					FD	ST	N	NP	s	NP	FD		N P F		
Jare, Ime	Sample Description & Location				# of Sample Containers Submitted								r	LCE Lab #	
F/15-10:20 (AM) PM	FMB-1A				X	1	1	1	1				1	AD22138	
/ 10:4/2 AM PM	FMB-2A				X	1	1	1	1				1	AD22139	
11:29 D PM	FMB-3A				Х	1	1	1	1				1	AD22140	
1/12:17 AM (PM	FMB-4A				Х	1	1	1	1				1	AD22141	
9/15 12:15 AM (PM	FMB-5A				x	1	1	1	1				1	AD22142	
13:02 AM (PM)	FMB-6A				Х	1	1	1	1				1	AD22143	
12:20 AM PM	FMB Pond E									1	X			AD22144	
AM PM				GW	X	_1	-1	1	-1				-1	AD22145 N.C.A	
				GW		-	1				_	X	-	AP22146 7/1/1	