



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

MARATHON BRANCH OFFICE
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MARATHON, FLORIDA 33050

RICK SCOTT
GOVERNOR

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LT. GOVERNOR

JONATHAN P. STEVERSON
SECRETARY

SENT VIA ELECTRONIC MAIL

June 15, 2015

Mr. Roy Coley, Director of Operations
1100 Kennedy Drive
Key West, Florida 33040
Email: rcoley@fkaa.com

RE: Big Coppitt Regional Wastewater Treatment Plant
FLA567591
Monroe County

Dear Mr. Coley:

Department personnel conducted a Follow Up Inspection of the above-referenced Facility on May 26, 2015. Based on the information provided during the inspection, the Facility was determined to be in compliance with the Department's rules and regulations. A copy of the inspection report is enclosed.

The Department appreciates your efforts to maintain this Facility in compliance with state and federal rules. Should you have any questions or comments, please contact Devon Villareal at (305)289-7075 or via e-mail at Devon.Villareal@dep.state.fl.us.

Sincerely,

Jennifer Carpenter
Assistant Director
South District Office

Enclosure

cc: Tom Pfiester, FCAA, (tpfiester@fkaa.com)
Teddy Knowles, FCAA, (tknowles@fkaa.com)



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

WASTEWATER COMPLIANCE INSPECTION REPORT

FACILITY AND INSPECTION INFORMATION

Name and Physical Location of Facility Big Coppitt WWTP 1100 Kennedy Drive P. O. Box 1239 Key West, FL 33041 - 1239	WAFR ID: FLA567591	County Monroe Phone (305) 296-2454	Entry Date/Time 5/26/2015 @ Exit Date/Time 5/26/15
Name(s) of Field Representatives(s) Teddy Knowles	Title Lead Operator	Email tknowles@fkaa.com	Phone 305-393-5970
Name and Address of Permittee or Designated Representative Roy Coley 1100 Kennedy Drive Key West, FL 33040	Title Director of Operations Email rcoley@fkaa.com	Phone (305) 296-2454	@ Operator Certification # WWA0015282
Inspection Type:	<input type="checkbox"/> F <input type="checkbox"/> U <input type="checkbox"/> I <input type="checkbox"/>	Samples Taken(Y/N):	@ Sample ID#:
<input checked="" type="checkbox"/> Domestic	<input type="checkbox"/> Industrial	Were Photos Taken(Y/N):	@ Log book Volume :
		@ Page	

FACILITY COMPLIANCE AREAS EVALUATED

IC: In Compliance; MC: Minor Out of Compliance; NC: Out of Compliance SC: Significant Non-Compliance;
NA: Not Applicable; NE or Blank: Not Evaluated

Significant Non-Compliance Criteria Should be Reviewed When Out of Compliance Ratings Are Given in Areas Marked by a "♦"

	PERMITS/ORDERS		SELF MONITORING PROGRAM		FACILITY OPERATIONS		EFFLUENT/DISPOSAL
NE	1. ♦ Permit	NE	3. Laboratory	NE	6. Facility Site Review	NE	9. ♦ Effluent Quality
NE	2. ♦ Compliance Schedules	IC	4. Sampling	NE	7. Flow Measurement	NE	10. ♦ Effluent Disposal
		NE	5. ♦ Records & Reports	NE	8. ♦ Operation & Maintenance	NE	11. Biosolids/Sludge
						NA	12. Groundwater
NE	14. Other:					NE	13. SSO Survey

Facility and/or Order Compliance Status: ☒ In-Compliance ☐ Out-Of-Compliance ☐ Significant-Out-Of-Compliance

Recommended Actions:

Name(s) and Signature(s) of Inspector(s) Devon Villareal 	District Office/Phone Number SDB/ 305-289-7075	Date 6/8/15
@ Signature of Reviewer Diane Loughlin 	District Office/Phone Number SD/ 239-344-5614	Date 6/11/15

INSPECTION REPORT SUMMARY

Facility Name: Big Coppitt WWTP

Facility ID: FLA567591

Inspection Type: FUI

Inspection Date: May 26, 2015

FACILITY BACKGROUND:

Facility Address: 1100 Kennedy Drive P. O. Box 1239, Key West, FL 33041 - 1239, Monroe County

Program/ Permit Information: DW, permit issue date: 11/6/2012, expiration date: 11/5/2017

Treatment Summary: Three SBRs with filtration and chlorinated effluent to injection wells or reuse

Permitted Capacity: 0.323 MGD

1. **Permit:** RATING – NOT EVALUATED

1.1 Observation: No observations were recorded.

2. **Compliance Schedules:** RATING – NOT EVALUATED

2.1 Observation: No observations were recorded.

3. **Laboratory:** RATING – NOT EVALUATED

3.1 Observation: No observations were recorded.

4. **Sampling:** RATING – IN COMPLIANCE

4.1 Observation: *General* – Calibrations were performed correctly.

Additional Comments: A Follow Up Inspection on May 6, 2015 revealed that the sampling deficiencies determined during the Department's January 28, 2015 inspection have been corrected. The primary chlorine calibration verification was performed April 1, 2015 and a new, benchtop pH meter was placed into service. The operator performed a calibration verification of the new pH meter for Department staff during the inspection. The new meter appears to be functioning as intended and the pH standards used were within range. The operator will add additional information to all field test bench sheets including time of the test, lot number and expiration date of standards used, and analyst initials. The operator also demonstrated that the influent sampler is collecting a sufficient, 100 mL aliquot. Both automatic samplers sample volumes are verified daily and logged in the operator's daily logbook. New, calibrated thermometers with calibration documentation have been installed in both automatic samplers. The composite time has been changed from 8 hours to 24 hours to ensure that the operator is present at the end of the composite to complete required acid preservation for nutrient samples. Department staff reviewed DEP SOPs for pH, TRC, and record keeping.

5. **Records and Reports:** RATING – NOT EVALUATED

5.1 Observation: No observations were recorded.

Please Note: A more efficient and paperless alternative to reporting discharge and groundwater monitoring data is available at <http://www.edmr.dep.state.fl.us>.

6. **Facility Site Review:** RATING – NOT EVALUATED

6.1 Observation: No observations were recorded.

Facility Name: Big Coppitt WWTP

Inspection Date: May 26, 2015

7. **Flow Measurement:** RATING – NOT EVALUATED

7.1 Observation: No observations were recorded.

8. **Operation and Maintenance:** RATING – NOT EVALUATED

8.1 Observation: No observations were recorded.

9. **Effluent Quality:** RATING – NOT EVALUATED

9.1 Observation: No observations were recorded.

10. **Effluent Disposal:** RATING – NOT EVALUATED

10.1 Observation: No observations were recorded.

11. **Biosolids/Sludge:** RATING – NOT EVALUATED

11.1 Observation: No observations were recorded.

12. **Groundwater Quality:** RATING – NOT APPLICABLE

12.1 Observation: No observations were recorded.

13. **SSO Survey:** RATING – NOT EVALUATED

13.1 Observation: No observations were recorded.

14. **Other:** RATING – NOT EVALUATED

14.1 Observation: No observations were recorded.