

City Of Winter Haven
4400 Pollard Rd
Winter Haven, FL 33884

Frank O'neal

NELAP Certification #E84167 and #E84567

ANALYTICAL TEST REPORT

THESE RESULTS MEET NELAC STANDARDS

PROJECT NAME: DAILY EFFLUENT ANALYSIS

Submission Number	Sample Description	Sample Date / Time	Parameter	Result	Units	MDL	PQL	Procedure	Analysis Date / Time	Analyst
M25050246 001	EFA-001	05/16/2025 07:35	FECAL COLIFORM BY MPN	1 U	#/100 ML	1	1	COLILERT-1	05/16/2025 13:20	E84567
M25050246 001	EFA-001	05/16/2025 07:35	E- COLI BY IDEXX QUANTITRAY	1 U	#/100 ML	1	1	SM9223B	05/16/2025 12:43	E84567
25050852 001	EFD-001	05/16/2025 08:10	TOTAL DISSOLVED SOLIDS	622	MG/L	7.26	29.04	SM2540C	05/22/2025 09:59	CH
25050852 001	EFD-001	05/16/2025 08:10	TOTAL SUSPENDED SOLIDS	4.00	MG/L	0.570	2.280	SM2540D	05/20/2025 10:20	IR
25050852 001	EFD-001	05/16/2025 08:10	CARBONACEOUS BOD	1 U	MG/L	1	4	SM5210B	05/16/2025 20:00	LD/LD



05/28/2025

Date

Dr. Dale D. Dixon Laboratory Director

Haley Richardson QC Manager / Leah Lepore QC Officer

DATA QUALIFIERS THAT MAY APPLY:

I = Reported value is between the laboratory MDL and the PQL.
J3 = Estimated value. Quality control criteria for precision or accuracy not met.
K = Off-scale low. Value is known to be < than the value reported.
L = Off-scale high. Value is known to be > than the value reported.
U = Analyte analyzed but not detected at the value indicated.
V = Analyte detected in sample and method blank. Results for this analyte in associated samples may be biased high. Standard, Duplicate, and Spike values are within control limits. Reported data are usable.
Z = Too many colonies were present (TNTC). The numeric value represents the filtration volume.

NOTES:

PQL = 4 x MDL.
X = Value exceeds MCL.
G1 = Accuracy standard does not meet method control limits, but does meet lab control limits that are in agreement with USEPA generated data. USEPA letter available upon request.
G2 = Accuracy standard exceeds acceptable control limits. Duplicate and spike values are within control limits. Reported data are usable.

For questions and comments regarding these results, please contact us at (941) 723-9986.

Results relate only to the samples.

Benchmark EnviroAnalytical, Inc. E84167
Benchmark Mid Florida E84567

1153 1st Street South
 Winter Haven FL 33880
 863-656-2020 / Fax: 863-965-2540
 Sample Temperature checked upon receipt with
 Temperature Gun ID #46

1711 Twelfth Street East
 Palmetto, FL. 34221
 (941) 723-9986
 Sample Temperature checked upon receipt with
 Temperature Gun ID #258

Client: City of Winter Haven WWTP #3
 4400 Pollard Road, Winter Haven, FL 33884
 863-291-5763
 Steve Lamons 863-651-1147
Slamons@mywinterhaven.com
 Jean Charles JCharles@mywinterhaven.com
 Frank O'Neal FONeal@mywinterhaven.com

Chain of Custody Form: Daily Effluent Analysis

Laboratory Submission #: 25050850

Sample Name	Sample Matrix ²	Sample Type ¹	Collection		Total # of Containers= 4			Preservative ⁴	Parameters for Analysis	Laboratory Sample #
			Date	Time	Qty	Capacity	Type ³			
EFA - 001	WW	Grab	5-16-25	0735	2	100mL	Sterile Plastic	10mg NaThio Lot #231009	E. Coli (SM9223B-QT) Fecal Coliform Colilert 18 (FC) u125050246 pH at time of collection: _____ Cl2 at time of collection: _____	1
EFD - 001	WW	Comp.	From: 5-15-25	From: 0800	1	1 Qt.	P	Plain	CBOD SM5210B	12
			To: 5-16-25	To: 0810	1	1 Qt.	P	Plain	TDS SM2540C TSS SM2540D	

Chlorine residual at time of collection: _____ Samples received on ice: _____ Turbidity at time of collection: _____

Notes:

- "Sample Type" is used to indicate whether the sample was a grab (G) or whether it was a composite (C).
- "Sample Matrix" is used to indicate whether the sample is being discharged to drinking water (DW), groundwater (GW), surface water (SW), fresh surface water (FSW), saline surface water (SSW), soil, sediment (SDMNT), or sludge (SLDG).
- "Container Type" is used to indicate whether the container is plastic (P) or glass (G).
- Sample must be refrigerated or stored in wet ice after collection. The temperature during storage should be less than or equal to 6°C (42.8°F).
- Under "Preservative," list any preservatives that were added to the sample container. Lot Number of preservative used is specific to the bottles included in the kit. NaThio, H₂SO₄, and HNO₃ do not have expiration dates per the manufacturer. Micro bottles are pre-preserved at manufacturing stage. 40mL vials are pre-preserved at manufacturing stage.

Instructions:

- Each bottle has a label identifying sample ID, premeasured preservative contained in the bottle, sample type, client ID, and parameters for analysis.
- The following information should be added to each bottle label after collection with permanent black ink: date and time of collection, sampler's name or initials, and any field number or ID.
- All bottles not containing preservative may be rinsed with appropriate sample prior to collection.
- The client is responsible for documentation of the sampling event. Please note special sampling events on the sample custody form.
- Sample kit has been created by BEA using new, certified bottles unless otherwise noted.

Laboratory Sample Acceptability:

pH < 2 : 1 BEA Temperature: 26°C
 BMF Temperature:

1	Collector & Affiliation: (Print & Sign) <i>Steve La Mons</i>	Date: 5-16-25	Time: 0745 0810	Received By & Affiliation: (Print & Sign) <i>Michelle S...</i>	Date: 05/16/25	Time: 1210
2	Relinquished By & Affiliation: (Print & Sign) <i>Michelle S...</i>	Date: 05/16/25	Time: 1230	Received By & Affiliation: (Print & Sign) <i>Sharon W. Bondueth</i>	Date: 05/16/25	Time: 12:32
3	Relinquished By & Affiliation: (Print & Sign) <i>Sharon W. Bondueth</i>	Date: 05/16/25	Time: 1244	Received By & Affiliation: (Print & Sign) <i>Michelle S...</i>	Date: 05/16/25	Time: 1244
4	Relinquished By & Affiliation: (Print & Sign) <i>Michelle S...</i>	Date: 5/16/25	Time: 1506	Received By & Affiliation: (Print & Sign) <i>Kendra Mc...</i>	Date: 5/16/25	Time: 1505
5	Relinquished By & Affiliation: (Print & Sign)	Date:	Time:	Received By & Affiliation: (Print & Sign)	Date:	Time: