

## ANALYTICAL TEST REPORT

### THESE RESULTS MEET NELAC STANDARDS

Submission Number : 25050916

City Of Winter Haven Wwtp #3  
4400 Pollard Road  
Winter Haven, FL 33884

Project Name :  
Date Received : 05/19/2025  
Time Received : 14:11

Steve Lamons/Frank O

Submission Number: 25050916  
Sample Number: 001  
Sample Description: EFB-001

Sample Date: 05/19/2025  
Sample Time: 08:05  
Sample Method: Grab

Parameter	Result	Units	MDL	PQL	Procedure	Analysis Date/Time	Analyst
TOTAL DISSOLVED SOLIDS	402	MG/L	7.26	29.04	SM2540C	05/22/2025 09:59	CH
TOTAL SUSPENDED SOLIDS	1.60 I	MG/L	0.570	2.280	SM2540D	05/20/2025 10:20	IR



05/28/2025

Date

Dr. Dale D. Dixon Laboratory Director

Haley Richardson QC Manager / Leah Lepore

QC Officer

**DATA QUALIFIERS THAT MAY APPLY:**

A = Value reported is an average of two or more determinations.  
B = Results based upon colony counts outside the ideal range.  
H = Value based on field kit determination. Results may not be accurate.  
I = Reported value is between the laboratory MDL and the PQL.  
J1 = Estimated value. Surrogate recovery limits exceeded.  
J2 = Estimated value. No quality control criteria exists for component.  
J3 = Estimated value. Quality control criteria for precision or accuracy not met.  
J4 = Estimated value. Sample matrix interference suspected.  
J5 = Estimated value. Data questionable due to improper lab or field protocols.  
K = Off-scale low. Value is known to be < the value reported.  
L = Off-scale high. Value is known to be > the value reported.  
N = Presumptive evidence of presence of material.  
O = Sampled, but analysis lost or not performed.  
Q = Sample held beyond accepted hold time.

T = Value reported is < MDL. Reported for informational purposes only and shall not be used in statistical analysis.  
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.  
Y = Analysis performed on an improperly preserved sample. Data may be inaccurate.  
Z = Too many colonies were present (TNTC). The numeric value represents the filtration volume.  
! = Data deviate from historically established concentration ranges.  
? = Data rejected and should not be used. Some or all of QC data were outside criteria, and the presence or absence of the analyte cannot be determined from the data.  
\* = Not reported due to interference.  
Oil & Grease - If client does not send sufficient sample quantity for spike evaluation surface water samples are supplied by the laboratory.

**NOTES:**

MBAS calculated as LAS; molecular weight = 340.  
PQL = 4xMDL.  
ND = Not detected at or above the adjusted reporting limit.  
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.

**COMMENTS:**

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

Results relate only to the samples.

# Benchmark EnviroAnalytical, Inc.

1711 Twelfth Street East  
Palmetto, FL. 34221  
(941) 723-9986  
(941) 723-6061 fax  
[www.Benchmarkea.com](http://www.Benchmarkea.com)  
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](mailto:Slamons@mywinterhaven.com)  
Jean Charles JCharles@mywinterhaven.com  
Frank O'Neal FO'Neal@mywinterhaven.com

## Chain of Custody Form:

Laboratory Submission #:

25050916

Sample Name	Sample Matrix <sup>2</sup>	Sample Type <sup>1</sup>	Collection		Total # of Containers= 2		Preservative <sup>4</sup>	Parameters for Analysis	Laboratory Sample #
			Date	Time	Qty	Capacity			
2/1 EFA-001	WW	C	Start:	End:	1	1 Qt.	P	CBOD SM5210B	1
EFB-001	WW	G	Start:	End:	1	1 Qt.	P	TDS SM2540C TSS SM2540D	12

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. List Number of preservative used is specific to the bottles included in the kit. NaThio, H<sub>2</sub>SO<sub>4</sub>, and HNO<sub>3</sub> 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, 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, sample's name or initials, and any field number or ID.
- All bottles not containing preservative must 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.

Laboratory Sample Acceptability:

pH < 2 : 6 BEA Temperature: 1.1°C

1	Collector & Affiliation: (Print & Sign)	Steve Lamons	Date: 5-19-25	Time: 0805	Received By & Affiliation: (Print & Sign)	Michelle Dudley	Date: 051925	Time: 1127
2	Relinquished By & Affiliation: (Print & Sign)	Michelle Dudley	Date: 5/19/25	Time: 1111	Received By & Affiliation: (Print & Sign)	Ken McJannet	Date: 5/19/25	Time: 1411
3	Relinquished By & Affiliation: (Print & Sign)		Date:	Time:	Received By & Affiliation: (Print & Sign)		Date:	Time:
4	Relinquished By & Affiliation: (Print & Sign)		Date:	Time:	Received By & Affiliation: (Print & Sign)		Date:	Time:

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