

# ANALYTICAL TEST REPORT

## THESE RESULTS MEET NELAC STANDARDS

Submission Number : 25050692

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

Project Name :  
Date Received : 05/14/2025  
Time Received : 14:38

Frank O'neal

Submission Number: 25050692

Sample Number: 001

Sample Description: INDIAN RIVER

Sample Date: 05/14/2025

Sample Time: 07:50

Sample Method: Composite

Parameter	Result	Units	MDL	PQL	Procedure	Analysis Date/Time	Analyst
TOTAL SUSPENDED SOLIDS	52.0	MG/L	0.570	2.280	SM2540D	05/16/2025 09:24	JR
BIOCHEMICAL OXYGEN DEMAND	94.2	MG/L	10	40	SM5210B	05/15/2025 19:58	LD/LD

*Leah Lepore*

05/23/2025

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.

**Client:** City of Winter Haven  
Asset Management - IPP Program  
4400 Pollard Road  
Winter Haven, FL 33884  
(863) 291-5763 / Terry Cell - 863-287-4251  
(863) 297-3031

Chain of Custody Form:

Laboratory Submission #:

25050505



Laboratory Sample Acceptability:  
pH < 9 / BEA Temperature: 0, Tc

**Note:**

1. "Sample Type" is used to indicate whether this sample was a grab (G) or whether it was a composite (C).
2. "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), either surface water (SSW), soft sediment (SDSMNT), or sludge (SLDG).
3. "Container Type" is used to indicate whether the container is plastic (P) or glass (G).
4. Sample must be refrigerated or stored in cool dark after collection. The temperature during storage should be less than or equal to 6°C ( $42^{\circ}\text{F}$ ).
5. Under "Preservative," list any preservatives that were added to the sample. Container Lot Number of preservative used is specific to the bottles mentioned in the kit. NaOH, 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. All other vials are pre-preserved at manufacturing stage.

**Instructions:**

1. Each bottle has a label identifying sample ID, preservative concentration contained in the bottle, sample type, chain ID, and parameters to analyze.
2. The following information should be added to each bottle after collection: site, project name, block, date and time of collection, sampler's name or initials, and any field number or ID.
3. The bottles must containable for preservation of the samples and they must be refrigerated.
4. Samples should be preserved immediately after collection. Please use a special sampling event on the sample custody form.
5. Sample ID's have been created by EPA before these certified bottles unless otherwise noted.

	Collecting Affiliation: (Print & Sign)	Date:	Time:	Received By & Affiliation: (Print & Sign)	Date:	Time:
1	James S. Weaver 	5/14/25	9:30		5/14/25	11:30
2	Relinquished By & Affiliation: (Print & Sign)	Date:	Time:	Received By & Affiliation: (Print & Sign)	Date:	Time:
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:
5	Relinquished By & Affiliation: (Print & Sign)	Date:	Time:	Received By & Affiliation: (Print & Sign)	Date:	Time:
6	Relinquished By & Affiliation: (Print & Sign)	Date:	Time:	Received By & Affiliation: (Print & Sign)	Date:	Time:

621126

*L. J.*

Dr. 20/2