



*Ft. Myers Lab02  
10090 Bavaria Rd.  
Fort Myers, FL 33913  
TEL: (239) 590-0337 FAX: (239) 590-0536  
Website: www.sanderslabs.net*

October 09, 2020

Andy McThenia  
Water Science Associates  
13620 Metropolis Avenue, Suite 110  
Fort Myers, FL 33912  
TEL:  
FAX:

RE: River Hall Golf Course

Order No.: 2009634

Dear Andy McThenia:

Sanders Laboratories, Inc received 3 sample(s) on 9/16/2020 for the analyses presented in the following report.

These results only pertain to the samples as received. These pages may include, but are not limited to: Analytical Data, Chains of Custodies, Subcontracted Data and Case Narratives for samples. Results relate only to the samples in the report.

Reports are archived for a minimum of 5 years. Copies of reports are available for a fee of \$50.00. Copies will be provided within 2 weeks of the time of the request.  
Laboratory PQL's are available upon request.

Test results meet all the requirements of the NELAP standards, unless otherwise noted.  
Nokomis Certificate # E84380 Fort Myers Certificate # E85457

A statement of estimated uncertainty of results is available upon request.  
Laboratory report shall not be reproduced except in full, without the written approval of Sanders Laboratories.  
Sanders Laboratories follows DEP standard operating procedures for field sampling, unless otherwise noted.

A handwritten signature in blue ink, appearing to read "Katie", written over a light blue rectangular background.

Katie Strothman  
Laboratory Director



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## Definition Only

WO#: 2009634  
Date: 10/9/2020

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### Definitions:

B: Results based upon colony counts outside the acceptable range.

G: Sample value indicates that the analyte was detected at or above the method detection limit in both the sample and the associated field blank, equipment blank, or trip blank, and the blank value was greater than 10% of the associated sample value. The value in the blank shall not be subtracted from associated samples. Also if the RPD on a field duplicate exceeds allowable control limit.

I: The reported value is greater than or equal to the laboratory MDL but less than the laboratory PQL.

J: Estimated Value.

J7: Excessive amounts of Sodium Sulfite used to dechlorinate the sample due to high levels of chlorine present.

K: Off scale low, actual value is known to be less than the value given.

L: Off scale high, actual value is known to be greater than the value given.

NC: Not Certified. Parameter was ran but is not covered under laboratory accredited scopes.

Q: Sample held beyond acceptable holding time.

U: The compound was analyzed for, but not detected.

V: Indicates that the analyte was detected at or above the MDL in both the sample and the associated method blank and the value of 10 times the blank value was equal to or greater than the associated sample value.

Y: The laboratory analysis was from an improperly preserved sample.

Z: Too many colonies were present for accurate counting.



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## Analytical Report

(continuous)

WO#: 2009634

Date Reported: 10/9/2020

CLIENT: Water Science Associates

Lab Order: 2009634

Project: River Hall Golf Course

Lab ID: 2009634-001

Collection Date: 9/16/2020 12:30:00 PM

Client Sample ID: SW-1

Matrix: SURFACE WATER

| Analyses                    | Result | MDL    | Qual | Units             | DF          | Date Analyzed        |
|-----------------------------|--------|--------|------|-------------------|-------------|----------------------|
| NITROGEN, NITRATE + NITRITE |        |        |      | E353.2            | Analyst: PS |                      |
| Nitrogen, Nitrate           | ND     | 0.0100 |      | mg/L              | 1           | 9/17/2020 2:26:00 PM |
| Nitrogen, Nitrate-Nitrite   | ND     | 0.0100 |      | mg/L              | 1           | 9/17/2020 2:26:00 PM |
| NITROGEN, NITRITE           |        |        |      | A4500-NO2-B       | Analyst: KH |                      |
| Nitrogen, Nitrite           | ND     | 0.0100 |      | mg/L              | 1           | 9/16/2020 4:12:50 PM |
| CHLOROPHYLL A               |        |        |      | A10200H           | Analyst: EH |                      |
| Chlorophyll a               | 10.7   | 1.00   |      | mg/m <sup>3</sup> | 1           | 9/17/2020 3:00:00 PM |
| Pheophytin                  | 2.40   | 1.00   |      | mg/m <sup>3</sup> | 1           | 9/17/2020 3:00:00 PM |
| FIELD PARAMETERS            |        |        |      | FLD               | Analyst:    |                      |
| Conductivity, EPA 120.1     | 902    | 1.0    |      | umhos/cm          |             |                      |
| Dissolved Oxygen, EPA 360.1 | 3.57   | 0.10   |      | mg/L              |             |                      |
| pH, EPA 150.1               | 7.44   | 0.01   |      | S.U.              |             |                      |
| Salinity                    | 0.44   | 0.01   |      | ppt               |             |                      |
| Temperature, EPA 170.1      | 31.7   | 0.1    |      | deg C             |             |                      |
| Turbidity, EPA 180.1        | 4.93   | 0.01   |      | NTU               |             |                      |

|             |    |                                                    |    |                                                                       |
|-------------|----|----------------------------------------------------|----|-----------------------------------------------------------------------|
| Qualifiers: | H  | Holding times for preparation or analysis exceeded | ND | Not Detected at the Reporting Limit                                   |
|             | PL | Permit Limit                                       | RL | Reporting Detection Limit                                             |
|             | U  | Samples with CalcVal < MDL                         | W  | Sample container temperature is out of limit as specified at testcode |



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## Analytical Report

(continuous)

WO#: 2009634

Date Reported: 10/9/2020

CLIENT: Water Science Associates

Lab Order: 2009634

Project: River Hall Golf Course

Lab ID: 2009634-002

Collection Date: 9/16/2020 1:30:00 PM

Client Sample ID: SW-3

Matrix: SURFACE WATER

| Analyses | Result | MDL | Qual | Units | DF | Date Analyzed |
|----------|--------|-----|------|-------|----|---------------|
|----------|--------|-----|------|-------|----|---------------|

### NITROGEN, NITRATE + NITRITE

E353.2

Analyst: PS

|                           |    |        |  |      |   |                      |
|---------------------------|----|--------|--|------|---|----------------------|
| Nitrogen, Nitrate         | ND | 0.0100 |  | mg/L | 1 | 9/17/2020 2:26:00 PM |
| Nitrogen, Nitrate-Nitrite | ND | 0.0100 |  | mg/L | 1 | 9/17/2020 2:26:00 PM |

### NITROGEN, NITRITE

A4500-NO2-B

Analyst: KH

|                   |    |        |  |      |   |                      |
|-------------------|----|--------|--|------|---|----------------------|
| Nitrogen, Nitrite | ND | 0.0100 |  | mg/L | 1 | 9/16/2020 4:15:00 PM |
|-------------------|----|--------|--|------|---|----------------------|

### CHLOROPHYLL A

A10200H

Analyst: EH

|               |      |      |  |                   |   |                      |
|---------------|------|------|--|-------------------|---|----------------------|
| Chlorophyll a | 9.35 | 1.00 |  | mg/m <sup>3</sup> | 1 | 9/17/2020 3:00:00 PM |
| Pheophytin    | 3.27 | 1.00 |  | mg/m <sup>3</sup> | 1 | 9/17/2020 3:00:00 PM |

### FIELD PARAMETERS

FLD

Analyst:

|                             |       |      |  |          |  |  |
|-----------------------------|-------|------|--|----------|--|--|
| Conductivity, EPA 120.1     | 307.2 | 1.0  |  | umhos/cm |  |  |
| Dissolved Oxygen, EPA 360.1 | 2.76  | 0.10 |  | mg/L     |  |  |
| pH, EPA 150.1               | 6.99  | 0.01 |  | S.U.     |  |  |
| Salinity                    | 0.14  | 0.01 |  | ppt      |  |  |
| Temperature, EPA 170.1      | 30.7  | 0.1  |  | deg C    |  |  |
| Turbidity, EPA 180.1        | 6.73  | 0.01 |  | NTU      |  |  |

#### Qualifiers:

H Holding times for preparation or analysis exceeded  
PL Permit Limit  
U Samples with CalcVal < MDL

ND Not Detected at the Reporting Limit  
RL Reporting Detection Limit  
W Sample container temperature is out of limit as specified at testcode



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## Analytical Report

(continuous)

WO#: 2009634

Date Reported: 10/9/2020

CLIENT: Water Science Associates

Lab Order: 2009634

Project: River Hall Golf Course

Lab ID: 2009634-003

Collection Date: 9/16/2020 1:00:00 PM

Client Sample ID: SW-2

Matrix: SURFACE WATER

| Analyses | Result | MDL | Qual | Units | DF | Date Analyzed |
|----------|--------|-----|------|-------|----|---------------|
|----------|--------|-----|------|-------|----|---------------|

### NITROGEN, NITRATE + NITRITE

E353.2

Analyst: PS

|                           |    |        |  |      |   |                      |
|---------------------------|----|--------|--|------|---|----------------------|
| Nitrogen, Nitrate         | ND | 0.0100 |  | mg/L | 1 | 9/17/2020 2:26:00 PM |
| Nitrogen, Nitrate-Nitrite | ND | 0.0100 |  | mg/L | 1 | 9/17/2020 2:26:00 PM |

### NITROGEN, NITRITE

A4500-NO2-B

Analyst: KH

|                   |    |        |  |      |   |                      |
|-------------------|----|--------|--|------|---|----------------------|
| Nitrogen, Nitrite | ND | 0.0100 |  | mg/L | 1 | 9/16/2020 4:15:00 PM |
|-------------------|----|--------|--|------|---|----------------------|

### CHLOROPHYLL A

A10200H

Analyst: EH

|               |      |      |  |                   |   |                      |
|---------------|------|------|--|-------------------|---|----------------------|
| Chlorophyll a | 20.0 | 1.00 |  | mg/m <sup>3</sup> | 1 | 9/17/2020 3:00:00 PM |
| Pheophytin    | 4.27 | 1.00 |  | mg/m <sup>3</sup> | 1 | 9/17/2020 3:00:00 PM |

### FIELD PARAMETERS

FLD

Analyst:

|                             |      |      |  |          |  |  |
|-----------------------------|------|------|--|----------|--|--|
| Conductivity, EPA 120.1     | 614  | 1.0  |  | umhos/cm |  |  |
| Dissolved Oxygen, EPA 360.1 | 4.71 | 0.10 |  | mg/L     |  |  |
| pH, EPA 150.1               | 7.57 | 0.01 |  | S.U.     |  |  |
| Salinity                    | 0.29 | 0.01 |  | ppt      |  |  |
| Temperature, EPA 170.1      | 32.0 | 0.1  |  | deg C    |  |  |
| Turbidity, EPA 180.1        | 5.44 | 0.01 |  | NTU      |  |  |

#### Qualifiers:

H Holding times for preparation or analysis exceeded  
PL Permit Limit  
U Samples with CalcVal < MDL

ND Not Detected at the Reporting Limit  
RL Reporting Detection Limit  
W Sample container temperature is out of limit as specified at testcode

|         |       |
|---------|-------|
| PAGE: 1 | OF: 3 |
| 2009    | 634   |

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|         |       |
|---------|-------|
| PAGE: 2 | OF: 3 |
| 2009    | 634   |

Fl. Myers Lab02  
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| SUBMITTING COMPANY:<br><b>Water Science Associates</b> |           |                                               |                 | REPORT TO:<br><b>Andy McThenia</b>                                                                         |      |                                                       |                                | BILL TO:<br>            |         | P. O. #<br>                                           |                                     |                                                                  |    |    |  |  |  |  |  |                                                                                        |  |  |  |  |
|--------------------------------------------------------|-----------|-----------------------------------------------|-----------------|------------------------------------------------------------------------------------------------------------|------|-------------------------------------------------------|--------------------------------|-------------------------|---------|-------------------------------------------------------|-------------------------------------|------------------------------------------------------------------|----|----|--|--|--|--|--|----------------------------------------------------------------------------------------|--|--|--|--|
| PROJECT NAME:<br><b>River Hall Golf Course</b>         |           | PROJECT #:<br><b>WSA - River Hall Golf Co</b> |                 | QUOTE #:<br>                                                                                               |      | COMPANY:<br><b>Water Science Associates</b>           |                                |                         |         | COMPANY:<br><b>Water Science Associates</b>           |                                     |                                                                  |    |    |  |  |  |  |  |                                                                                        |  |  |  |  |
| SPECIAL INSTRUCTIONS / COMMENTS:<br>                   |           |                                               |                 |                                                                                                            |      | ADDRESS:<br><b>13620 Metropolis Avenue, Suite 110</b> |                                |                         |         | ADDRESS:<br><b>13620 Metropolis Avenue, Suite 110</b> |                                     |                                                                  |    |    |  |  |  |  |  |                                                                                        |  |  |  |  |
|                                                        |           |                                               |                 |                                                                                                            |      | CITY, STATE, ZIP:<br><b>Fort Myers, FL. 33912</b>     |                                |                         |         | CITY, STATE, ZIP:<br><b>Fort Myers, FL. ZIP#33912</b> |                                     |                                                                  |    |    |  |  |  |  |  |                                                                                        |  |  |  |  |
| Kit #<br>                                              |           |                                               |                 |                                                                                                            |      | PHONE:<br>                                            |                                |                         |         | EMAIL, (OR FAX IF NO EMAIL AVAILABLE):<br>            |                                     |                                                                  |    |    |  |  |  |  |  |                                                                                        |  |  |  |  |
| SAMPLER'S PRINTED NAME:<br><i>Tyson Evans</i>          |           |                                               |                 | SAMPLER'S SIGNATURE:<br> |      |                                                       |                                | ANALYTICAL PARAMETERS   |         |                                                       |                                     | COMMENTS:<br>Send Fipronil to Europhins Lab<br><i>P011317-01</i> |    |    |  |  |  |  |  |                                                                                        |  |  |  |  |
| ITEM #                                                 | SAMPLE ID | DATE<br>SAMPLED                               | TIME<br>SAMPLED | pH                                                                                                         | Mats | Bottle Lot #                                          | GLASS #<br>OR<br>COMPOSITE "C" | NUMBER OF<br>CONTAINERS | CHLOROA | NO <sub>3</sub> FM                                    | NO <sub>2</sub>                     | SA                                                               | TN | TP |  |  |  |  |  |                                                                                        |  |  |  |  |
| 11                                                     | SW-2      | <i>9/16/20</i>                                | <i>13:00</i>    | <i>5.0</i>                                                                                                 |      |                                                       |                                |                         |         | <input checked="" type="checkbox"/>                   | <input checked="" type="checkbox"/> |                                                                  |    |    |  |  |  |  |  |                                                                                        |  |  |  |  |
| 12                                                     | SW-2      | <i>1</i>                                      | <i>1</i>        | <i>1</i>                                                                                                   |      |                                                       |                                |                         |         |                                                       |                                     |                                                                  |    |    |  |  |  |  |  |                                                                                        |  |  |  |  |
| 13                                                     | SW-2      | <i>1</i>                                      | <i>1</i>        | <i>1</i>                                                                                                   |      |                                                       |                                |                         |         |                                                       |                                     |                                                                  |    |    |  |  |  |  |  |                                                                                        |  |  |  |  |
| 14                                                     | SW-2      | <i>1</i>                                      | <i>1</i>        | <i>1</i>                                                                                                   |      |                                                       |                                |                         |         |                                                       |                                     |                                                                  |    |    |  |  |  |  |  |                                                                                        |  |  |  |  |
| 15                                                     | SW-2      | <i>1</i>                                      | <i>1</i>        | <i>1</i>                                                                                                   |      |                                                       |                                |                         |         |                                                       |                                     |                                                                  |    |    |  |  |  |  |  |                                                                                        |  |  |  |  |
|                                                        |           |                                               |                 |                                                                                                            |      |                                                       |                                |                         |         |                                                       |                                     |                                                                  |    |    |  |  |  |  |  | Methanol Preserved Weights. HOT Sample Notation.<br>Additional Sample Description etc. |  |  |  |  |
|                                                        |           |                                               |                 |                                                                                                            |      |                                                       |                                |                         |         |                                                       |                                     |                                                                  |    |    |  |  |  |  |  | <i>low level</i>                                                                       |  |  |  |  |
|                                                        |           |                                               |                 |                                                                                                            |      |                                                       |                                |                         |         |                                                       |                                     |                                                                  |    |    |  |  |  |  |  | Fipronil - Ship to Europhins                                                           |  |  |  |  |
|                                                        |           |                                               |                 |                                                                                                            |      |                                                       |                                |                         |         |                                                       |                                     |                                                                  |    |    |  |  |  |  |  | SW - Glyphosate EPA 547                                                                |  |  |  |  |

|                                                                                                                                                          |                     |                   |                                                                                                  |                      |                   |                                                                                                                                                                           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|-------------------|--------------------------------------------------------------------------------------------------|----------------------|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Relinquished By:                                                      | Date: <u>7/6/20</u> | Time: <u>2:00</u> | Received By:  | Date: <u>9/16/20</u> | Time: <u>5:00</u> | REPORT TRANSMITTAL DESIRED:<br><input type="checkbox"/> HARDCOPY (extra cost) <input type="checkbox"/> FAX <input type="checkbox"/> EMAIL <input type="checkbox"/> ONLINE |
| Relinquished By:                                                                                                                                         | Date:               | Time:             | Received By:                                                                                     | Date:                | Time:             |                                                                                                                                                                           |
| Relinquished By:                                                                                                                                         | Date:               | Time:             | Received By:                                                                                     | Date:                | Time:             |                                                                                                                                                                           |
| TAT:      Standard <input type="checkbox"/> <b>RUSH</b> Next BD <input type="checkbox"/> 2nd BD <input type="checkbox"/> 3rd BD <input type="checkbox"/> |                     |                   |                                                                                                  |                      |                   | FOR LAB USE ONLY<br>Temp of samples <u>4.8</u> °C      Attempt to Cool? <u>Y</u>                                                                                          |
| Note: RUSH requests will incur surcharges!                                                                                                               |                     |                   |                                                                                                  |                      |                   | Comments: _____                                                                                                                                                           |



## CHAIN OF CUSTODY RECORD

PAGE: 3 OF 3

2009 034

## ADDRESS

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Please Include Email Address of Report Recipient Whenever Possible!!!

|                                                     |           |              |                                                    |    |       |                                                    |             |              |
|-----------------------------------------------------|-----------|--------------|----------------------------------------------------|----|-------|----------------------------------------------------|-------------|--------------|
| SUBMITTING COMPANY: <b>Water Science Associates</b> |           |              | REPORT TO: <b>Andy McThenia</b>                    |    |       | BILL TO: P. O. #                                   |             |              |
| PROJECT NAME: <b>River Hall Golf Course</b>         |           |              | COMPANY: <b>Water Science Associates</b>           |    |       | COMPANY: <b>Water Science Associates</b>           |             |              |
| PROJECT #: <b>WSA - River Hall Golf Co</b>          |           |              | ADDRESS: <b>13620 Metropolis Avenue, Suite 110</b> |    |       | ADDRESS: <b>13620 Metropolis Avenue, Suite 110</b> |             |              |
| QUOTE #:                                            |           |              | CITY, STATE, ZIP: <b>Fort Myers, FL. 33912</b>     |    |       | CITY, STATE, ZIP: <b>Fort Myers, FL. ZIP#33912</b> |             |              |
| SPECIAL INSTRUCTIONS / COMMENTS:                    |           |              | PHONE:                                             |    |       | EMAIL (OR FAX IF NO EMAIL AVAILABLE):              |             |              |
| Kit #                                               |           |              | SAMPLER'S SIGNATURE: <i>[Signature]</i>            |    |       | ANALYTICAL PARAMETERS                              |             |              |
| SAMPLER'S PRINTED NAME: <i>[Signature]</i>          |           |              | COMMENTS: <b>Send Fiprinol to Europhirs Lab</b>    |    |       |                                                    |             |              |
| ITEM #                                              | SAMPLE ID | DATE SAMPLED | TIME SAMPLED                                       | pH | Notes | Bottle Lot #                                       | GRAB VOLUME | COMPOSITE °C |
|                                                     |           |              |                                                    |    |       |                                                    |             |              |

Testcode to method definitions: ALK=A2320,APC=BAMCH23,APC PETRI=AOAC 990.12,APC/G=CCMEF 6.33/AOAC 966.23,APC/ML=CCFRA 2.1,APC/SWAB=AOAC 986.33,BOD=A5210B,BOD FM=A5210B,Ca Hard=EPA 215.2,CBOD=A5210B,CBOD FM=A5210B,CHLOROA=A10200H,CL- B DW=A4500-CL-B,CL- E NP=A4500-CL-E,CL- SOLID=FM\_5-552,CL2=E330.5,CI2 FM=E330.5,COLI PETRI=AOAC 991.14,COLOR=A2120B,Color FM=A2120B,COND FM=A2510B,COND FM=A2510B,EB=AOAC 2003.01,EB C=CCMEF 8.631,EC 0157=AOAC Cert #001101,EC J=AOAC 992.3,EC01572=AOAC 996.09,ECOLI=EC + MUG,Enterococcus=E1600,ENTEROLERT=Enterolert,F=A4500-F-C,FC=A9222D,FC FM=A9222D,FC MPN=A9221E,FC MPN FM=A9221E,FC MUG=A9223B,FC MUG FM=A9223B,FC STREP=A9230C,FCMPN=A9221E,HARD=A2340C,HPC=A9215B,LEGA=Legiolert,LIST PCR=AOAC #090701,LISTERIA BR=RI030406,LMOPO PCR=010802,MOLD=FDA/BAM Ch. 18,MOLD G RES=ASTM D3273,MOLD ID=McCrone,NH3=E350.1,NH3 Solid=E350.1,NH4=E350.1,NO2=E353.2,NO2 FM=A4500-NO2-B,NO3 SOLID=E353.2,NOX=E353.2,NOX Solid=E353.2,ODOR=A2150B,Odor FM=A2150B,OPHOS=A4500-P-E,Org N=E351.2,Org N Solid=E351.2,PH=A4500-H+-B,PH F=AOAC 981.12,pH FM=A4500-H+-B,PH Sludge=E9040C,PH SOLID=E9045D,SALM PCR=010803,SIO2=A4500-SIO2 C,SO4=ASTM-D516-90,STAPH=AOAC 2003.07,Strep=A9230C,SA- Subcontract PACE BCS ALS FRC Microbac Eurofins,TC MF=A9222B,TC MF FM=A9222B,TC MUG=A9223B,TC MUG FM=A9223B,TDS=A2540C,TDS FM=A2540C,TKN=E351.2,TKN Solid=E351.2,TN=E351.2,TN Solid=E351.2,TP=E365.4,TP Diss=E365.4,TP Solid=E365.4,TS=A2540B,TS %=A2540G,TSS=A2540D,TSS FM=A2540D,TURB=E180.1,TVSS=E160.4,U n NH3=E350.1,Y M=FDA/BAM 8th Ed.

|                                                                                                                                                                       |                     |                    |                                 |                     |                    |                                                                                                                                            |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|--------------------|---------------------------------|---------------------|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------|--|
| Relinquished By: <i>[Signature]</i>                                                                                                                                   | Date: <i>4/6/20</i> | Time: <i>15:00</i> | Received By: <i>[Signature]</i> | Date: <i>4/6/20</i> | Time: <i>15:00</i> | REPORT TRANSMITTAL DESIRED:                                                                                                                |  |
| Relinquished By:                                                                                                                                                      | Date:               | Time:              | Received By:                    | Date:               | Time:              | <input type="checkbox"/> HARDCOPY (extra cost) <input type="checkbox"/> FAX <input type="checkbox"/> EMAIL <input type="checkbox"/> ONLINE |  |
| Relinquished By:                                                                                                                                                      | Date:               | Time:              | Received By:                    | Date:               | Time:              | FOR LAB USE ONLY                                                                                                                           |  |
| TAT: Standard <input type="checkbox"/> RUSH <input type="checkbox"/> Next BD <input type="checkbox"/> 2nd BD <input type="checkbox"/> 3rd BD <input type="checkbox"/> |                     |                    |                                 |                     |                    | Temp of samples <i>4.8</i> °C    Attempt to Cool? <i>4</i>                                                                                 |  |
| Note: RUSH requests will incur surcharges!                                                                                                                            |                     |                    |                                 |                     |                    | Comments: <i>[Blank]</i>                                                                                                                   |  |



Date:

Field Tech: Jason Govanus

Location:

9/16/20  
WSA Riverfall

| Site | Time  | Flow*<br>Ft/sec or<br>tidal change | Total<br>Depth ft | Sample<br>Depth (ft) | Water Temp<br>EPA 170.1 (C) | DO<br>EPA 360.1<br>(mg/L) | DO<br>(%) | Cond<br>EPA 120.1<br>(umhos<br>/cm) | Salinity<br>SM 250B<br>(ppt) | pH<br>EPA<br>150.1<br>(std<br>units) | Turbidity<br>EPA<br>180.1<br>(NTU) | Weather      |              | Air Temp<br>(C) | Secchi<br>(ft) |
|------|-------|------------------------------------|-------------------|----------------------|-----------------------------|---------------------------|-----------|-------------------------------------|------------------------------|--------------------------------------|------------------------------------|--------------|--------------|-----------------|----------------|
|      |       |                                    |                   |                      |                             |                           |           |                                     |                              |                                      |                                    | Cloud Cover  | Wind         |                 |                |
| SW-1 | 12:30 | Discharging                        | 2 1/2 ft          | 1 ft                 | 31.7                        | 3.57                      | 48.8      | 902                                 | 0.44                         | 7.44                                 | 4.93                               | 10%<br>Cloud | SSE<br>6 mph | 31.66           |                |
| SW-2 | 13:00 | Discharging                        | 3 1/2 ft          | 1 ft                 | 32.0                        | 4.71                      | 64.2      | 614                                 | 0.29                         | 7.57                                 | 5.44                               | 1            | SSE<br>7 mph | 30.55           |                |
| SW-3 | 13:30 | N/A                                | 3 ft              | 1 ft                 | 30.7                        | 2.76                      | 37.0      | 307.2                               | 0.14                         | 6.99                                 | 6.73                               | 1            | SSE<br>7 mph | 31.11           |                |
|      |       |                                    |                   |                      |                             |                           |           |                                     |                              |                                      |                                    |              |              |                 |                |
|      |       |                                    |                   |                      |                             |                           |           |                                     |                              |                                      |                                    |              |              |                 |                |
|      |       |                                    |                   |                      |                             |                           |           |                                     |                              |                                      |                                    |              |              |                 |                |
|      |       |                                    |                   |                      |                             |                           |           |                                     |                              |                                      |                                    |              |              |                 |                |
|      |       |                                    |                   |                      |                             |                           |           |                                     |                              |                                      |                                    |              |              |                 |                |
|      |       |                                    |                   |                      |                             |                           |           |                                     |                              |                                      |                                    |              |              |                 |                |
|      |       |                                    |                   |                      |                             |                           |           |                                     |                              |                                      |                                    |              |              |                 |                |
|      |       |                                    |                   |                      |                             |                           |           |                                     |                              |                                      |                                    |              |              |                 |                |

## Tests/Bottles/Preservatives:

|       | Lot # | Preservative |
|-------|-------|--------------|
| 250P  |       |              |
| 500 P |       |              |
| 1LP   |       |              |
| 2LP   |       |              |
| Other |       |              |

## Equipment Used: (circle)

|           |          |        |                    |
|-----------|----------|--------|--------------------|
| Dip Stick | 1        | Secchi | 4999               |
| Multi     | Turb     | Depth  | Peri Pump Sub Pump |
| 13E103015 | 20012585 | 6602   | 5105 OO2917        |

## Comments:

Date Revised: 5/19/2020 Form ID: FF-03 Approved by: KS

Custody Seal



September 22, 2020

Tami Bright  
Sanders Laboratories, Inc.  
1050 Endeavor Court  
Nokomis, FL 34275

RE: Project: 2009634  
Pace Project No.: 35578501

Dear Tami Bright:

Enclosed are the analytical results for sample(s) received by the laboratory on September 17, 2020. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Ormond Beach

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Brad Smith  
brad.smith@pacelabs.com  
(386) 672-5668  
Project Manager

Enclosures

cc: Katie Strothman, Sanders  
Katie Strothman, Sanders Laboratories, Inc.



## REPORT OF LABORATORY ANALYSIS

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without the written consent of Pace Analytical Services, LLC.

## CERTIFICATIONS

Project: 2009634

Pace Project No.: 35578501

---

### **Pace Analytical Services Ormond Beach**

8 East Tower Circle, Ormond Beach, FL 32174

Alaska DEC- CS/UST/LUST

Alabama Certification #: 41320

Arizona Certification# AZ0819

Colorado Certification: FL NELAC Reciprocity

Connecticut Certification #: PH-0216

Delaware Certification: FL NELAC Reciprocity

Florida Certification #: E83079

Georgia Certification #: 955

Guam Certification: FL NELAC Reciprocity

Hawaii Certification: FL NELAC Reciprocity

Illinois Certification #: 200068

Indiana Certification: FL NELAC Reciprocity

Kansas Certification #: E-10383

Kentucky Certification #: 90050

Louisiana Certification #: FL NELAC Reciprocity

Louisiana Environmental Certificate #: 05007

Maryland Certification: #346

Michigan Certification #: 9911

Mississippi Certification: FL NELAC Reciprocity

Missouri Certification #: 236

Montana Certification #: Cert 0074

Nebraska Certification: NE-OS-28-14

New Hampshire Certification #: 2958

New Jersey Certification #: FL022

New York Certification #: 11608

North Carolina Environmental Certificate #: 667

North Carolina Certification #: 12710

North Dakota Certification #: R-216

Ohio DEP 87780

Oklahoma Certification #: D9947

Pennsylvania Certification #: 68-00547

Puerto Rico Certification #: FL01264

South Carolina Certification: #96042001

Tennessee Certification #: TN02974

Texas Certification: FL NELAC Reciprocity

US Virgin Islands Certification: FL NELAC Reciprocity

Virginia Environmental Certification #: 460165

West Virginia Certification #: 9962C

Wisconsin Certification #: 399079670

Wyoming (EPA Region 8): FL NELAC Reciprocity

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## REPORT OF LABORATORY ANALYSIS

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## SAMPLE SUMMARY

Project: 2009634

Pace Project No.: 35578501

| Lab ID      | Sample ID    | Matrix | Date Collected | Date Received  |
|-------------|--------------|--------|----------------|----------------|
| 35578501001 | 2009634-001E | Water  | 09/16/20 12:30 | 09/17/20 11:24 |
| 35578501002 | 2009634-002E | Water  | 09/16/20 13:30 | 09/17/20 11:24 |
| 35578501003 | 2009634-003E | Water  | 09/16/20 13:00 | 09/17/20 11:24 |

## REPORT OF LABORATORY ANALYSIS

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## SAMPLE ANALYTE COUNT

Project: 2009634  
Pace Project No.: 35578501

| Lab ID      | Sample ID    | Method  | Analysts | Analytes Reported | Laboratory |
|-------------|--------------|---------|----------|-------------------|------------|
| 35578501001 | 2009634-001E | EPA 547 | PFG      | 1                 | PASI-O     |
| 35578501002 | 2009634-002E | EPA 547 | PFG      | 1                 | PASI-O     |
| 35578501003 | 2009634-003E | EPA 547 | PFG      | 1                 | PASI-O     |

PASI-O = Pace Analytical Services - Ormond Beach

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 2009634  
Pace Project No.: 35578501

| <b>Sample: 2009634-001E</b> |                 | <b>Lab ID: 35578501001</b>                                            |        | Collected: 09/16/20 12:30 |    | Received: 09/17/20 11:24 |                | Matrix: Water |      |
|-----------------------------|-----------------|-----------------------------------------------------------------------|--------|---------------------------|----|--------------------------|----------------|---------------|------|
| Parameters                  | Results         | Units                                                                 | PQL    | MDL                       | DF | Prepared                 | Analyzed       | CAS No.       | Qual |
| <b>547 HPLC Glyphosate</b>  |                 | Analytical Method: EPA 547<br>Pace Analytical Services - Ormond Beach |        |                           |    |                          |                |               |      |
| Glyphosate                  | <b>0.0042 U</b> | mg/L                                                                  | 0.0060 | 0.0042                    | 1  |                          | 09/22/20 04:55 |               |      |
| <b>Sample: 2009634-002E</b> |                 | <b>Lab ID: 35578501002</b>                                            |        | Collected: 09/16/20 13:30 |    | Received: 09/17/20 11:24 |                | Matrix: Water |      |
| Parameters                  | Results         | Units                                                                 | PQL    | MDL                       | DF | Prepared                 | Analyzed       | CAS No.       | Qual |
| <b>547 HPLC Glyphosate</b>  |                 | Analytical Method: EPA 547<br>Pace Analytical Services - Ormond Beach |        |                           |    |                          |                |               |      |
| Glyphosate                  | <b>0.0042 U</b> | mg/L                                                                  | 0.0060 | 0.0042                    | 1  |                          | 09/22/20 05:26 |               |      |
| <b>Sample: 2009634-003E</b> |                 | <b>Lab ID: 35578501003</b>                                            |        | Collected: 09/16/20 13:00 |    | Received: 09/17/20 11:24 |                | Matrix: Water |      |
| Parameters                  | Results         | Units                                                                 | PQL    | MDL                       | DF | Prepared                 | Analyzed       | CAS No.       | Qual |
| <b>547 HPLC Glyphosate</b>  |                 | Analytical Method: EPA 547<br>Pace Analytical Services - Ormond Beach |        |                           |    |                          |                |               |      |
| Glyphosate                  | <b>0.0042 U</b> | mg/L                                                                  | 0.0060 | 0.0042                    | 1  |                          | 09/22/20 05:11 |               |      |

## REPORT OF LABORATORY ANALYSIS

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## QUALITY CONTROL DATA

Project: 2009634  
Pace Project No.: 35578501

|                          |                                                     |
|--------------------------|-----------------------------------------------------|
| QC Batch: 666984         | Analysis Method: EPA 547                            |
| QC Batch Method: EPA 547 | Analysis Description: 547 HPLC Glyphosate           |
|                          | Laboratory: Pace Analytical Services - Ormond Beach |

Associated Lab Samples: 35578501001, 35578501002, 35578501003

METHOD BLANK: 3627820 Matrix: Water  
Associated Lab Samples: 35578501001, 35578501002, 35578501003

| Parameter  | Units | Blank Result | Reporting Limit | MDL    | Analyzed       | Qualifiers |
|------------|-------|--------------|-----------------|--------|----------------|------------|
| Glyphosate | mg/L  | 0.0042 U     | 0.0060          | 0.0042 | 09/21/20 23:28 |            |

LABORATORY CONTROL SAMPLE: 3627821

| Parameter  | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|------------|-------|-------------|------------|-----------|--------------|------------|
| Glyphosate | mg/L  | 0.05        | 0.051      | 102       | 80-120       |            |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3627822 3627823

| Parameter  | Units | 35578052001 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|------------|-------|--------------------|----------------|-----------------|-----------|------------|----------|-----------|--------------|-----|---------|------|
| Glyphosate | mg/L  | 0.0042 U           | 0.05           | 0.05            | 0.048     | 0.048      | 96       | 96        | 80-120       | 0   | 30      |      |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3627824 3627825

| Parameter  | Units | 35578514002 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|------------|-------|--------------------|----------------|-----------------|-----------|------------|----------|-----------|--------------|-----|---------|------|
| Glyphosate | mg/L  | <4.2 ug/L          | 0.05           | 0.05            | 0.051     | 0.049      | 102      | 98        | 80-120       | 4   | 30      |      |

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

## REPORT OF LABORATORY ANALYSIS

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## QUALIFIERS

Project: 2009634  
Pace Project No.: 35578501

---

### DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

### ANALYTE QUALIFIERS

U Compound was analyzed for but not detected.

## REPORT OF LABORATORY ANALYSIS

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## QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2009634

Pace Project No.: 35578501

| Lab ID      | Sample ID    | QC Batch Method | QC Batch | Analytical Method | Analytical Batch |
|-------------|--------------|-----------------|----------|-------------------|------------------|
| 35578501001 | 2009634-001E | EPA 547         | 666984   |                   |                  |
| 35578501002 | 2009634-002E | EPA 547         | 666984   |                   |                  |
| 35578501003 | 2009634-003E | EPA 547         | 666984   |                   |                  |

## REPORT OF LABORATORY ANALYSIS

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## CHAIN OF CUSTODY RECORD

ADDRESS  
Ft. Myers Lab02  
10090 Bavaria Rd.  
Fort Myers, FL 33913  
TEL: (239) 590-0337  
FAX: (239) 590-0536  
Website: www.sanderslabs.net

Omega COCID 14648

PAGE: 1

OF: 1

WO#: 35578501



35578501

|                                                 |                              |                                 |             |                                  |                       |                      |                                                                                            |
|-------------------------------------------------|------------------------------|---------------------------------|-------------|----------------------------------|-----------------------|----------------------|--------------------------------------------------------------------------------------------|
| SUB CONTRACTOR: <b>Pace</b>                     |                              | COMPANY: <b>Pace Analytical</b> |             | SPECIAL INSTRUCTIONS / COMMENTS: |                       |                      |                                                                                            |
| ADDRESS: <b>8 East Tower Circle</b>             |                              |                                 |             |                                  |                       |                      |                                                                                            |
| CITY, STATE, ZIP: <b>Ormond Beach, FL 32174</b> |                              |                                 |             |                                  |                       |                      |                                                                                            |
| PHONE: <b>(386) 676-4837</b>                    |                              | FAX: <b>(386) 673-4001</b>      |             | EMAIL:                           |                       |                      |                                                                                            |
| ACCOUNT #:                                      |                              |                                 |             |                                  |                       |                      |                                                                                            |
| ITEM #                                          | SAMPLE ID                    | CLIENT SAMPLE ID                | BOTTLE TYPE | MATRIX                           | DATE COLLECTED        | NUMBER OF CONTAINERS | COMMENTS: Methanol Preserved Weights<br>HOT Sample Notation, Additional Sample Description |
| 1                                               | 2009634-001E<br>See Attached | SW-1                            | PACE BOTTLE | Surface Water                    | 9/16/2020 12:30:00 PM | 1                    | SW - Glyphosate EPA 547                                                                    |
| 2                                               | 2009634-002E<br>See Attached | SW-3                            | PACE BOTTLE | Surface Water                    | 9/16/2020 1:30:00 PM  | 1                    | SW - Glyphosate EPA 547                                                                    |
| 3                                               | 2009634-003E<br>See Attached | SW-2                            | PACE BOTTLE | Surface Water                    | 9/16/2020 1:00:00 PM  | 1                    | SW - Glyphosate EPA 547                                                                    |

|                                            |                                   |                               |                                  |                                 |                                 |                                                                                                                                                                           |  |
|--------------------------------------------|-----------------------------------|-------------------------------|----------------------------------|---------------------------------|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Relinquished By: <b>GRK</b>                | Date: <b>9/16/20</b>              | Time: <b>17:00</b>            | Received By: <b>THA   Pace</b>   | Date: <b>9/17/20</b>            | Time: <b>11:24</b>              | REPORT TRANSMITTAL DESIRED:<br><input type="checkbox"/> HARDCOPY (extra cost) <input type="checkbox"/> FAX <input type="checkbox"/> EMAIL <input type="checkbox"/> ONLINE |  |
| Relinquished By:                           | Date:                             | Time:                         | Received By:                     | Date:                           | Time:                           | FOR LAB USE ONLY<br>Temp of samples _____ °C Attempt to Cool? _____<br>Comments: _____                                                                                    |  |
| Relinquished By:                           | Date:                             | Time:                         | Received By:                     | Date:                           | Time:                           |                                                                                                                                                                           |  |
| TAT: _____                                 | Standard <input type="checkbox"/> | RUSH <input type="checkbox"/> | Next BD <input type="checkbox"/> | 2nd BD <input type="checkbox"/> | 3rd BD <input type="checkbox"/> |                                                                                                                                                                           |  |
| Note: RUSH requests will incur surcharges! |                                   |                               |                                  |                                 |                                 |                                                                                                                                                                           |  |

Project #  
Manager:  
Client:

**WO#: 35578501**  
PM: SMM Due Date: 10/01/20  
CLIENT: SANLAB

Date and Initials of person:  
Examining contents: TMA  
Label:  
Deliver: 1  
pH:

Thermometer Used: T-334 Date: 8/17/20 Time: 11:50 Initials: (E)

State of Origin: ☐ For WV projects, all containers verified to  $\pm 6^{\circ}\text{C}$

|                    |              |                         |              |                                                                    |
|--------------------|--------------|-------------------------|--------------|--------------------------------------------------------------------|
| Cooler #1 Temp. °C | 5.1 (Visual) | 4.3 (Correction Factor) | 5.4 (Actual) | <input type="checkbox"/> Samples on ice, cooling process has begun |
| Cooler #2 Temp. °C |              |                         |              | <input type="checkbox"/> Samples on ice, cooling process has begun |
| Cooler #3 Temp. °C |              |                         |              | <input type="checkbox"/> Samples on ice, cooling process has begun |
| Cooler #4 Temp. °C |              |                         |              | <input type="checkbox"/> Samples on ice, cooling process has begun |
| Cooler #5 Temp. °C |              |                         |              | <input type="checkbox"/> Samples on ice, cooling process has begun |
| Cooler #6 Temp. °C |              |                         |              | <input type="checkbox"/> Samples on ice, cooling process has begun |

Courier: ☒ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☐ Other

Shipping Method: ☐ First Overnight ☐ Priority Overnight ☒ Standard Overnight ☐ Ground ☐ International Priority ☐ Other

Billing: ☒ Recipient ☐ Sender ☐ Third Party ☐ Credit Card ☐ Unknown

Tracking # 8144 0335 7120

Custody Seal on Cooler/Box Present: ☐ Yes ☒ No Seals intact: ☐ Yes ☐ No Ice: ☒ Wet ☐ Blue ☐ Dry ☐ None

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☐ None ☐ Other

Samples shorted to lab (If Yes, complete) Shorted Date: Shorted Time: Qty:

| Comments:                                                                                  |                                                                                                  |                                                                                                                        |
|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| Chain of Custody Present                                                                   | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |                                                                                                                        |
| Chain of Custody Filled Out                                                                | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |                                                                                                                        |
| Relinquished Signature & Sampler Name COC                                                  | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |                                                                                                                        |
| Samples Arrived within Hold Time                                                           | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |                                                                                                                        |
| Rush TAT requested on COC                                                                  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A |                                                                                                                        |
| Sufficient Volume                                                                          | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |                                                                                                                        |
| Correct Containers Used                                                                    | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |                                                                                                                        |
| Containers Intact                                                                          | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |                                                                                                                        |
| Sample Labels match COC (sample IDs & date/time of collection)                             | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |                                                                                                                        |
| All containers needing acid/base preservation have been checked.                           | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A | Preservation Information:<br>Preservative: _____<br>Lot #/Trace #: _____<br>Date: _____ Time: _____<br>Initials: _____ |
| All Containers needing preservation are found to be in compliance with EPA recommendation: | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A |                                                                                                                        |
| Exceptions: VOA, Coliform, TOC, O&G, Carbamates                                            |                                                                                                  |                                                                                                                        |
| Headspace in VOA Vials? (>6mm):                                                            | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A |                                                                                                                        |
| Trip Blank Present:                                                                        | <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A |                                                                                                                        |

Client Notification/ Resolution: Person Contacted: Date/Time:

Comments/ Resolution (use back for additional comments):

Project Manager Review: Date:

September 24, 2020

Tami Bright  
Sanders Laboratories, Inc.  
1050 Endeavor Court  
Nokomis, FL 34275

RE: Project: 2009634  
Pace Project No.: 35578484

Dear Tami Bright:

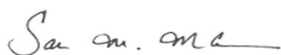
Enclosed are the analytical results for sample(s) received by the laboratory on September 17, 2020. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Ormond Beach

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Sakina Mckenzie  
sakina.mckenzie@pacelabs.com  
(386)672-5668  
Project Manager

Enclosures

cc: Katie Strothman, Sanders  
Katie Strothman, Sanders Laboratories, Inc.



## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: 2009634  
Pace Project No.: 35578484

---

### **Pace Analytical Services Ormond Beach**

8 East Tower Circle, Ormond Beach, FL 32174  
Alaska DEC- CS/UST/LUST  
Alabama Certification #: 41320  
Arizona Certification# AZ0819  
Colorado Certification: FL NELAC Reciprocity  
Connecticut Certification #: PH-0216  
Delaware Certification: FL NELAC Reciprocity  
Florida Certification #: E83079  
Georgia Certification #: 955  
Guam Certification: FL NELAC Reciprocity  
Hawaii Certification: FL NELAC Reciprocity  
Illinois Certification #: 200068  
Indiana Certification: FL NELAC Reciprocity  
Kansas Certification #: E-10383  
Kentucky Certification #: 90050  
Louisiana Certification #: FL NELAC Reciprocity  
Louisiana Environmental Certificate #: 05007  
Maryland Certification: #346  
Michigan Certification #: 9911  
Mississippi Certification: FL NELAC Reciprocity  
Missouri Certification #: 236

Montana Certification #: Cert 0074  
Nebraska Certification: NE-OS-28-14  
New Hampshire Certification #: 2958  
New Jersey Certification #: FL022  
New York Certification #: 11608  
North Carolina Environmental Certificate #: 667  
North Carolina Certification #: 12710  
North Dakota Certification #: R-216  
Ohio DEP 87780  
Oklahoma Certification #: D9947  
Pennsylvania Certification #: 68-00547  
Puerto Rico Certification #: FL01264  
South Carolina Certification: #96042001  
Tennessee Certification #: TN02974  
Texas Certification: FL NELAC Reciprocity  
US Virgin Islands Certification: FL NELAC Reciprocity  
Virginia Environmental Certification #: 460165  
West Virginia Certification #: 9962C  
Wisconsin Certification #: 399079670  
Wyoming (EPA Region 8): FL NELAC Reciprocity

---

## REPORT OF LABORATORY ANALYSIS

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## SAMPLE SUMMARY

Project: 2009634

Pace Project No.: 35578484

| Lab ID      | Sample ID    | Matrix | Date Collected | Date Received  |
|-------------|--------------|--------|----------------|----------------|
| 35578484001 | 2009634-001B | Water  | 09/16/20 12:30 | 09/17/20 11:24 |
| 35578484002 | 2009634-002B | Water  | 09/16/20 13:30 | 09/17/20 11:24 |
| 35578484003 | 2009634-003B | Water  | 09/16/20 13:00 | 09/17/20 11:24 |

## REPORT OF LABORATORY ANALYSIS

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## SAMPLE ANALYTE COUNT

Project: 2009634  
Pace Project No.: 35578484

| Lab ID      | Sample ID    | Method              | Analysts | Analytes Reported | Laboratory |
|-------------|--------------|---------------------|----------|-------------------|------------|
| 35578484001 | 2009634-001B | TKN+NOx Calculation | TLK      | 1                 | PASI-O     |
|             |              | EPA 351.2           | ARH      | 1                 | PASI-O     |
|             |              | EPA 353.2           | TM3      | 1                 | PASI-O     |
|             |              | EPA 365.3           | KLT      | 1                 | PASI-O     |
| 35578484002 | 2009634-002B | TKN+NOx Calculation | TLK      | 1                 | PASI-O     |
|             |              | EPA 351.2           | ARH      | 1                 | PASI-O     |
|             |              | EPA 353.2           | TM3      | 1                 | PASI-O     |
|             |              | EPA 365.3           | KLT      | 1                 | PASI-O     |
| 35578484003 | 2009634-003B | TKN+NOx Calculation | TLK      | 1                 | PASI-O     |
|             |              | EPA 351.2           | ARH      | 1                 | PASI-O     |
|             |              | EPA 353.2           | TM3      | 1                 | PASI-O     |
|             |              | EPA 365.3           | KLT      | 1                 | PASI-O     |

PASI-O = Pace Analytical Services - Ormond Beach

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 2009634  
Pace Project No.: 35578484

| <b>Sample: 2009634-001B</b>          |                | <b>Lab ID: 35578484001</b>                                                                            |        | Collected: 09/16/20 12:30 |    | Received: 09/17/20 11:24 |                | Matrix: Water |      |
|--------------------------------------|----------------|-------------------------------------------------------------------------------------------------------|--------|---------------------------|----|--------------------------|----------------|---------------|------|
| Parameters                           | Results        | Units                                                                                                 | PQL    | MDL                       | DF | Prepared                 | Analyzed       | CAS No.       | Qual |
| <b>Total Nitrogen Calculation</b>    |                | Analytical Method: TKN+NOx Calculation<br>Pace Analytical Services - Ormond Beach                     |        |                           |    |                          |                |               |      |
| Total Nitrogen                       | <b>0.69</b>    | mg/L                                                                                                  | 0.50   | 0.086                     | 1  |                          | 09/24/20 16:23 |               |      |
| <b>351.2 Total Kjeldahl Nitrogen</b> |                | Analytical Method: EPA 351.2 Preparation Method: EPA 351.2<br>Pace Analytical Services - Ormond Beach |        |                           |    |                          |                |               |      |
| Nitrogen, Kjeldahl, Total            | <b>0.65</b>    | mg/L                                                                                                  | 0.50   | 0.086                     | 1  | 09/23/20 11:36           | 09/24/20 09:32 | 7727-37-9     |      |
| <b>353.2 Nitrogen, NO2/NO3 pres.</b> |                | Analytical Method: EPA 353.2<br>Pace Analytical Services - Ormond Beach                               |        |                           |    |                          |                |               |      |
| Nitrogen, NO2 plus NO3               | <b>0.044 I</b> | mg/L                                                                                                  | 0.050  | 0.033                     | 1  |                          | 09/23/20 17:10 |               |      |
| <b>365.3 Phosph. Total Low Level</b> |                | Analytical Method: EPA 365.3 Preparation Method: EPA 365.3<br>Pace Analytical Services - Ormond Beach |        |                           |    |                          |                |               |      |
| Phosphorus, Total (as P) LL          | <b>0.030</b>   | mg/L                                                                                                  | 0.0040 | 0.0028                    | 1  | 09/22/20 16:30           | 09/23/20 12:17 | 7723-14-0     |      |

| <b>Sample: 2009634-002B</b>          |                | <b>Lab ID: 35578484002</b>                                                                            |        | Collected: 09/16/20 13:30 |    | Received: 09/17/20 11:24 |                | Matrix: Water |      |
|--------------------------------------|----------------|-------------------------------------------------------------------------------------------------------|--------|---------------------------|----|--------------------------|----------------|---------------|------|
| Parameters                           | Results        | Units                                                                                                 | PQL    | MDL                       | DF | Prepared                 | Analyzed       | CAS No.       | Qual |
| <b>Total Nitrogen Calculation</b>    |                | Analytical Method: TKN+NOx Calculation<br>Pace Analytical Services - Ormond Beach                     |        |                           |    |                          |                |               |      |
| Total Nitrogen                       | <b>0.45 I</b>  | mg/L                                                                                                  | 0.50   | 0.086                     | 1  |                          | 09/24/20 16:23 |               |      |
| <b>351.2 Total Kjeldahl Nitrogen</b> |                | Analytical Method: EPA 351.2 Preparation Method: EPA 351.2<br>Pace Analytical Services - Ormond Beach |        |                           |    |                          |                |               |      |
| Nitrogen, Kjeldahl, Total            | <b>0.44 I</b>  | mg/L                                                                                                  | 0.50   | 0.086                     | 1  | 09/23/20 11:36           | 09/24/20 09:33 | 7727-37-9     |      |
| <b>353.2 Nitrogen, NO2/NO3 pres.</b> |                | Analytical Method: EPA 353.2<br>Pace Analytical Services - Ormond Beach                               |        |                           |    |                          |                |               |      |
| Nitrogen, NO2 plus NO3               | <b>0.033 U</b> | mg/L                                                                                                  | 0.050  | 0.033                     | 1  |                          | 09/23/20 17:16 |               |      |
| <b>365.3 Phosph. Total Low Level</b> |                | Analytical Method: EPA 365.3 Preparation Method: EPA 365.3<br>Pace Analytical Services - Ormond Beach |        |                           |    |                          |                |               |      |
| Phosphorus, Total (as P) LL          | <b>0.023</b>   | mg/L                                                                                                  | 0.0040 | 0.0028                    | 1  | 09/22/20 16:30           | 09/23/20 12:22 | 7723-14-0     |      |

| <b>Sample: 2009634-003B</b>       |             | <b>Lab ID: 35578484003</b>                                                        |      | Collected: 09/16/20 13:00 |    | Received: 09/17/20 11:24 |                | Matrix: Water |      |
|-----------------------------------|-------------|-----------------------------------------------------------------------------------|------|---------------------------|----|--------------------------|----------------|---------------|------|
| Parameters                        | Results     | Units                                                                             | PQL  | MDL                       | DF | Prepared                 | Analyzed       | CAS No.       | Qual |
| <b>Total Nitrogen Calculation</b> |             | Analytical Method: TKN+NOx Calculation<br>Pace Analytical Services - Ormond Beach |      |                           |    |                          |                |               |      |
| Total Nitrogen                    | <b>0.73</b> | mg/L                                                                              | 0.50 | 0.086                     | 1  |                          | 09/24/20 16:23 |               |      |

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 2009634  
Pace Project No.: 35578484

| Sample: 2009634-003B                                       |                | Lab ID: 35578484003 |        | Collected: 09/16/20 13:00 |    | Received: 09/17/20 11:24 |                | Matrix: Water |      |
|------------------------------------------------------------|----------------|---------------------|--------|---------------------------|----|--------------------------|----------------|---------------|------|
| Parameters                                                 | Results        | Units               | PQL    | MDL                       | DF | Prepared                 | Analyzed       | CAS No.       | Qual |
| <b>351.2 Total Kjeldahl Nitrogen</b>                       |                |                     |        |                           |    |                          |                |               |      |
| Analytical Method: EPA 351.2 Preparation Method: EPA 351.2 |                |                     |        |                           |    |                          |                |               |      |
| Pace Analytical Services - Ormond Beach                    |                |                     |        |                           |    |                          |                |               |      |
| Nitrogen, Kjeldahl, Total                                  | <b>0.73</b>    | mg/L                | 0.50   | 0.086                     | 1  | 09/23/20 11:36           | 09/24/20 09:34 | 7727-37-9     |      |
| <b>353.2 Nitrogen, NO2/NO3 pres.</b>                       |                |                     |        |                           |    |                          |                |               |      |
| Analytical Method: EPA 353.2                               |                |                     |        |                           |    |                          |                |               |      |
| Pace Analytical Services - Ormond Beach                    |                |                     |        |                           |    |                          |                |               |      |
| Nitrogen, NO2 plus NO3                                     | <b>0.033 U</b> | mg/L                | 0.050  | 0.033                     | 1  |                          | 09/23/20 17:17 |               |      |
| <b>365.3 Phosph. Total Low Level</b>                       |                |                     |        |                           |    |                          |                |               |      |
| Analytical Method: EPA 365.3 Preparation Method: EPA 365.3 |                |                     |        |                           |    |                          |                |               |      |
| Pace Analytical Services - Ormond Beach                    |                |                     |        |                           |    |                          |                |               |      |
| Phosphorus, Total (as P) LL                                | <b>0.041</b>   | mg/L                | 0.0040 | 0.0028                    | 1  | 09/22/20 16:30           | 09/23/20 12:23 | 7723-14-0     |      |

## REPORT OF LABORATORY ANALYSIS

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## QUALITY CONTROL DATA

Project: 2009634  
Pace Project No.: 35578484

|                  |           |                       |                                         |
|------------------|-----------|-----------------------|-----------------------------------------|
| QC Batch:        | 667076    | Analysis Method:      | EPA 351.2                               |
| QC Batch Method: | EPA 351.2 | Analysis Description: | 351.2 TKN                               |
|                  |           | Laboratory:           | Pace Analytical Services - Ormond Beach |

Associated Lab Samples: 35578484001, 35578484002, 35578484003

METHOD BLANK: 3628183 Matrix: Water  
Associated Lab Samples: 35578484001, 35578484002, 35578484003

| Parameter                 | Units | Blank Result | Reporting Limit | MDL   | Analyzed       | Qualifiers |
|---------------------------|-------|--------------|-----------------|-------|----------------|------------|
| Nitrogen, Kjeldahl, Total | mg/L  | 0.086 U      | 0.50            | 0.086 | 09/24/20 14:56 |            |

LABORATORY CONTROL SAMPLE: 3628184

| Parameter                 | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---------------------------|-------|-------------|------------|-----------|--------------|------------|
| Nitrogen, Kjeldahl, Total | mg/L  | 20          | 18.9       | 94        | 90-110       |            |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3628186 3628185

| Parameter                 | Units | 35578446001 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|---------------------------|-------|--------------------|----------------|-----------------|-----------|------------|----------|-----------|--------------|-----|---------|------|
| Nitrogen, Kjeldahl, Total | mg/L  | 0.76               | 20             | 20              | 19.4      | 19.6       | 93       | 94        | 90-110       | 1   | 20      |      |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3628188 3628187

| Parameter                 | Units | 35578615003 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|---------------------------|-------|--------------------|----------------|-----------------|-----------|------------|----------|-----------|--------------|-----|---------|------|
| Nitrogen, Kjeldahl, Total | mg/L  | 7.3                | 20             | 20              | 27.3      | 27.4       | 100      | 101       | 90-110       | 0   | 20      |      |

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

## REPORT OF LABORATORY ANALYSIS

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## QUALITY CONTROL DATA

Project: 2009634  
Pace Project No.: 35578484

|                  |           |                       |                                         |
|------------------|-----------|-----------------------|-----------------------------------------|
| QC Batch:        | 667747    | Analysis Method:      | EPA 353.2                               |
| QC Batch Method: | EPA 353.2 | Analysis Description: | 353.2 Nitrate + Nitrite, preserved      |
|                  |           | Laboratory:           | Pace Analytical Services - Ormond Beach |

Associated Lab Samples: 35578484001, 35578484002, 35578484003

METHOD BLANK: 3631763 Matrix: Water  
Associated Lab Samples: 35578484001, 35578484002, 35578484003

| Parameter              | Units | Blank Result | Reporting Limit | MDL   | Analyzed       | Qualifiers |
|------------------------|-------|--------------|-----------------|-------|----------------|------------|
| Nitrogen, NO2 plus NO3 | mg/L  | 0.033 U      | 0.050           | 0.033 | 09/23/20 17:07 |            |

LABORATORY CONTROL SAMPLE: 3631764

| Parameter              | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|------------------------|-------|-------------|------------|-----------|--------------|------------|
| Nitrogen, NO2 plus NO3 | mg/L  | 2           | 2.1        | 105       | 90-110       |            |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3631766 3631765

| Parameter              | Units | 35578484001 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|------------------------|-------|--------------------|----------------|-----------------|-----------|------------|----------|-----------|--------------|-----|---------|------|
| Nitrogen, NO2 plus NO3 | mg/L  | 0.044 I            | 2              | 2               | 2.2       | 2.2        | 108      | 106       | 90-110       | 2   | 20      |      |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3631768 3631767

| Parameter              | Units | 35578615005 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|------------------------|-------|--------------------|----------------|-----------------|-----------|------------|----------|-----------|--------------|-----|---------|------|
| Nitrogen, NO2 plus NO3 | mg/L  | 4.2                | 2              | 2               | 5.7       | 5.6        | 75       | 71        | 90-110       | 1   | 20 L    |      |

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## REPORT OF LABORATORY ANALYSIS

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## QUALITY CONTROL DATA

Project: 2009634

Pace Project No.: 35578484

QC Batch: 667310

Analysis Method: EPA 365.3

QC Batch Method: EPA 365.3

Analysis Description: 365.3 Low Level Total Phosphorus

Laboratory: Pace Analytical Services - Ormond Beach

Associated Lab Samples: 35578484001, 35578484002, 35578484003

METHOD BLANK: 3629088

Matrix: Water

Associated Lab Samples: 35578484001, 35578484002, 35578484003

| Parameter                   | Units | Blank Result | Reporting Limit | MDL    | Analyzed       | Qualifiers |
|-----------------------------|-------|--------------|-----------------|--------|----------------|------------|
| Phosphorus, Total (as P) LL | mg/L  | 0.0028 U     | 0.0040          | 0.0028 | 09/23/20 12:10 |            |

LABORATORY CONTROL SAMPLE: 3629089

| Parameter                   | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|-----------------------------|-------|-------------|------------|-----------|--------------|------------|
| Phosphorus, Total (as P) LL | mg/L  | 0.1         | 0.10       | 104       | 90-110       |            |

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3629091 3629090

| Parameter                   | Units | 35578484001 Result | MS Spike Conc. | MSD Spike Conc. | MS Result | MSD Result | MS % Rec | MSD % Rec | % Rec Limits | RPD | Max RPD | Qual |
|-----------------------------|-------|--------------------|----------------|-----------------|-----------|------------|----------|-----------|--------------|-----|---------|------|
| Phosphorus, Total (as P) LL | mg/L  | 0.030              | 0.1            | 0.1             | 0.13      | 0.13       | 102      | 101       | 80-120       | 1   | 20      |      |

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

## REPORT OF LABORATORY ANALYSIS

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## QUALIFIERS

Project: 2009634  
Pace Project No.: 35578484

---

### DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

### ANALYTE QUALIFIERS

- |   |                                                                                                                      |
|---|----------------------------------------------------------------------------------------------------------------------|
| I | The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit. |
| U | Compound was analyzed for but not detected.                                                                          |
| L | Off-scale high. Actual value is known to be greater than value given.                                                |

## REPORT OF LABORATORY ANALYSIS

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## QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 2009634  
Pace Project No.: 35578484

| Lab ID      | Sample ID    | QC Batch Method     | QC Batch | Analytical Method | Analytical Batch |
|-------------|--------------|---------------------|----------|-------------------|------------------|
| 35578484001 | 2009634-001B | TKN+NOx Calculation | 668164   |                   |                  |
| 35578484002 | 2009634-002B | TKN+NOx Calculation | 668164   |                   |                  |
| 35578484003 | 2009634-003B | TKN+NOx Calculation | 668164   |                   |                  |
| 35578484001 | 2009634-001B | EPA 351.2           | 667076   | EPA 351.2         | 667880           |
| 35578484002 | 2009634-002B | EPA 351.2           | 667076   | EPA 351.2         | 667880           |
| 35578484003 | 2009634-003B | EPA 351.2           | 667076   | EPA 351.2         | 667880           |
| 35578484001 | 2009634-001B | EPA 353.2           | 667747   |                   |                  |
| 35578484002 | 2009634-002B | EPA 353.2           | 667747   |                   |                  |
| 35578484003 | 2009634-003B | EPA 353.2           | 667747   |                   |                  |
| 35578484001 | 2009634-001B | EPA 365.3           | 667310   | EPA 365.3         | 667595           |
| 35578484002 | 2009634-002B | EPA 365.3           | 667310   | EPA 365.3         | 667595           |
| 35578484003 | 2009634-003B | EPA 365.3           | 667310   | EPA 365.3         | 667595           |

## REPORT OF LABORATORY ANALYSIS

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# CHAIN OF CUSTODY RECORD

W0#: 35578484



35578484

ADDRESS  
Ft. Myers Lab02  
10090 Bavaria Rd.  
Fort Myers, FL 33913  
TEL: (239) 590-0337  
FAX: (239) 590-0536  
Website: www.sanderslabs.net

|                                                 |                                |                                 |             |                                  |                       |                      |                                                                                            |
|-------------------------------------------------|--------------------------------|---------------------------------|-------------|----------------------------------|-----------------------|----------------------|--------------------------------------------------------------------------------------------|
| SUB CONTRACTOR: <b>Pace</b>                     |                                | COMPANY: <b>Pace Analytical</b> |             | SPECIAL INSTRUCTIONS / COMMENTS: |                       |                      |                                                                                            |
| ADDRESS: <b>8 East Tower Circle</b>             |                                |                                 |             |                                  |                       |                      |                                                                                            |
| CITY, STATE, ZIP: <b>Ormond Beach, FL 32174</b> |                                |                                 |             |                                  |                       |                      |                                                                                            |
| PHONE: <b>(386) 676-4837</b>                    |                                | FAX: <b>(386) 673-4001</b>      |             | EMAIL:                           |                       |                      |                                                                                            |
| ACCOUNT #:                                      |                                |                                 |             |                                  |                       |                      |                                                                                            |
| ITEM #                                          | SAMPLE ID                      | CLIENT SAMPLE ID                | BOTTLE TYPE | MATRIX                           | DATE COLLECTED        | NUMBER OF CONTAINERS | COMMENTS: Methanol Preserved Weights<br>HOT Sample Notation, Additional Sample Description |
| 1                                               | 2009634-001B<br>E351.2, E365.4 | SW-1                            | 250PL-H2SO4 | Surface Water                    | 9/16/2020 12:30:00 PM | 1                    | low level TN, TP                                                                           |
| 2                                               | 2009634-002B<br>E351.2, E365.4 | SW-3                            | 250PL-H2SO4 | Surface Water                    | 9/16/2020 1:30:00 PM  | 1                    | low level TN, TP                                                                           |
| 3                                               | 2009634-003B<br>E351.2, E365.4 | SW-2                            | 250PL-H2SO4 | Surface Water                    | 9/16/2020 1:00:00 PM  | 1                    | low level TN, TP                                                                           |

QK 9/16/20

|                                                 |                                   |                               |                                  |                                 |                                 |                                                                                                                                            |
|-------------------------------------------------|-----------------------------------|-------------------------------|----------------------------------|---------------------------------|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Relinquished By:                                | Date:                             | Time:                         | Received By:                     | Date:                           | Time:                           | REPORT TRANSMITTAL DESIRED:                                                                                                                |
| Relinquished By:                                | Date:                             | Time:                         | Received By: <b>TWAPACE</b>      | 9/17/20                         | 1124                            | <input type="checkbox"/> HARDCOPY (extra cost) <input type="checkbox"/> FAX <input type="checkbox"/> EMAIL <input type="checkbox"/> ONLINE |
| Relinquished By:                                | Date:                             | Time:                         | Received By:                     | Date:                           | Time:                           |                                                                                                                                            |
| TAT:                                            | Standard <input type="checkbox"/> | RUSH <input type="checkbox"/> | Next BD <input type="checkbox"/> | 2nd BD <input type="checkbox"/> | 3rd BD <input type="checkbox"/> | FOR LAB USE ONLY                                                                                                                           |
| Temp of samples _____ °C Attempt to Cool? _____ |                                   |                               |                                  |                                 |                                 |                                                                                                                                            |
| Comments: _____                                 |                                   |                               |                                  |                                 |                                 |                                                                                                                                            |

Note: RUSH requests will incur surcharges!

WO#: 35578484

rm (SCUR)

Object  
Manager  
Client

PM: SMM  
CLIENT: SANLAB

Due Date: 09/24/20

Date and Initials of person:

Examining contents: TMA

Label: I

Deliver: I

pH:

Thermometer Used: T-338

Date: 8/17/20

Time: 11:50

Initials: (E)

State of Origin:

☐ For WW projects, all containers verified to  $\leq 6^{\circ}\text{C}$

Cooler #1 Temp.  $^{\circ}\text{C}$  5.1 (Visual) 4.3 (Correction Factor) 5.4 (Actual)  
Cooler #2 Temp.  $^{\circ}\text{C}$  (Visual) (Correction Factor) (Actual)  
Cooler #3 Temp.  $^{\circ}\text{C}$  (Visual) (Correction Factor) (Actual)  
Cooler #4 Temp.  $^{\circ}\text{C}$  (Visual) (Correction Factor) (Actual)  
Cooler #5 Temp.  $^{\circ}\text{C}$  (Visual) (Correction Factor) (Actual)  
Cooler #6 Temp.  $^{\circ}\text{C}$  (Visual) (Correction Factor) (Actual)

☐ Samples on ice, cooling process has begun  
☐ Samples on ice, cooling process has begun  
☐ Samples on ice, cooling process has begun  
☐ Samples on ice, cooling process has begun  
☐ Samples on ice, cooling process has begun  
☐ Samples on ice, cooling process has begun

Courier: ☒ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace

Shipping Method: ☐ First Overnight ☐ Priority Overnight ☒ Standard Overnight ☐ Ground ☐ International Priority  
☐ Other

Billing: ☒ Recipient ☐ Sender ☐ Third Party ☐ Credit Card ☐ Unknown

Tracking # 8144 0335 7120

Custody Seal on Cooler/Box Present: ☐ Yes ☒ No

Seals intact: ☐ Yes ☐ No

Ice: Wet Blue Dry None

Packing Material: ☐ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other

Samples shorted to lab (If Yes, complete)

Shorted Date: Shorted Time: Qty:

|                                                                                                                                                                                             | Comments:          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
| Chain of Custody Present <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A                                                                   |                    |
| Chain of Custody Filled Out <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A                                                                |                    |
| Relinquished Signature & Sampler Name COC <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A                                                  | No Relinquished By |
| Samples Arrived within Hold Time <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A                                                           |                    |
| Rush TAT requested on COC <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A                                                                  |                    |
| Sufficient Volume <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A                                                                          |                    |
| Correct Containers Used <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A                                                                    |                    |
| Containers Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A                                                                          |                    |
| Sample Labels match COC (sample IDs & date/time of collection) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A                             |                    |
| All containers needing acid/base preservation have been checked. <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A                           |                    |
| All Containers needing preservation are found to be in compliance with EPA recommendation: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |                    |
| Exceptions: VOA, Coliform, TOC, O&G, Carbamates                                                                                                                                             |                    |
| Headspace in VOA Vials? (>6mm): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A                                                            |                    |
| Trip Blank Present: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A                                                                        |                    |

Preservation Information:  
Preservative: \_\_\_\_\_  
Lot #/Trace #: \_\_\_\_\_  
Date: \_\_\_\_\_ Time: \_\_\_\_\_  
Initials: \_\_\_\_\_

Client Notification/ Resolution:

Person Contacted: \_\_\_\_\_

Date/Time: \_\_\_\_\_

Comments/ Resolution (use back for additional comments): \_\_\_\_\_

Project Manager Review: \_\_\_\_\_

Date: \_\_\_\_\_

## LABORATORY REPORT

If you have any questions concerning this report, please do not hesitate to call us at (800) 332-4345 or (574) 233-4777.

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## STATE CERTIFICATION LIST

| State                   | Certification | State          | Certification |
|-------------------------|---------------|----------------|---------------|
| Alabama                 | 40700         | Missouri       | 880           |
| Alaska                  | IN00035       | Montana        | CERT0026      |
| Arizona                 | AZ0432        | Nebraska       | NE-OS-05-04   |
| Arkansas                | IN00035       | Nevada         | IN00035       |
| California              | 2920          | New Hampshire* | 2124          |
| Colorado                | IN00035       | New Jersey*    | IN598         |
| Colorado Radiochemistry | IN00035       | New Mexico     | IN00035       |
| Connecticut             | PH-0132       | New York*      | 11398         |
| Delaware                | IN035         | North Carolina | 18700         |
| Florida(Primary AB)*    | E87775        | North Dakota   | R-035         |
| Georgia                 | 929           | Ohio           | 87775         |
| Hawaii                  | IN035         | Oklahoma       | D9508         |
| Idaho                   | IN00035       | Oregon*        | 4156          |
| Illinois*               | 200001        | Pennsylvania*  | 68-00466      |
| Illinois Microbiology   | 17767         | Puerto Rico    | IN00035       |
| Illinois Radiochemistry | IN00035       | Rhode Island   | LAO00343      |
| Indiana Chemistry       | C-71-01       | South Carolina | 95005         |
| Indiana Microbiology    | M-76-07       | South Dakota   | IN00035       |
| Iowa                    | 098           | Tennessee      | TN02973       |
| Kansas*                 | E-10233       | Texas*         | T104704187    |
| Kentucky                | 90056         | Texas/TCEQ     | TX207         |
| Louisiana*              | LA014         | Utah*          | IN00035       |
| Maine                   | IN00035       | Vermont        | VT-8775       |
| Maryland                | 209           | Virginia*      | 460275        |
| Massachusetts           | M-IN035       | Washington     | C837          |
| Michigan                | 9926          | West Virginia  | 9927 C        |
| Minnesota*              | 018-999-338   | Wisconsin      | 999766900     |
| Mississippi             | IN035         | Wyoming        | IN035         |
| EPA                     | IN00035       |                |               |

\*NELAP/TNI Recognized Accreditation Bodies

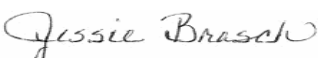
## LABORATORY CASE NARRATIVE

Client: Sanders Laboratories, Inc

Report #: 498462CN

All method QC was within acceptance limits.

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|                                                                                     |                             |            |
|-------------------------------------------------------------------------------------|-----------------------------|------------|
|  | Analytical Services Manager | 10/06/2020 |
| Authorized Signature                                                                | Title                       | Date       |

Page 1 of 1

110 South Hill Street  
 South Bend, IN 46617  
 Tel: (574) 233-4777  
 Fax: (574) 233-8207  
 1 800 332 4345

## Laboratory Report

Client: Sanders Laboratories, Inc

Attn: Katie Strothman  
 10090 Bavaria Road  
 Fort Myers, FL 33913

Report: 498462  
 Priority: Standard Written  
 Status: Final  
 PWS ID: Not Supplied

| Sample Information |           |        |                       |               |                      |
|--------------------|-----------|--------|-----------------------|---------------|----------------------|
| EEA ID #           | Client ID | Method | Collected Date / Time | Collected By: | Received Date / Time |
| 4728021            | SW-1      | S150   | 09/16/20 12:30        | Client        | 09/17/20 10:15       |
| 4728022            | SW-3      | S150   | 09/16/20 13:30        | Client        | 09/17/20 10:15       |
| 4728023            | SW-2      | S150   | 09/16/20 13:00        | Client        | 09/17/20 10:15       |

### Report Summary

Detailed quantitative results are presented on the following pages. The results presented relate only to the samples provided for analysis.

We appreciate the opportunity to provide you with this analysis. If you have any questions concerning this report, please do not hesitate to call Jessie Brasch at (574) 233-4777.

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Analytical Services Manager

Authorized Signature

Title

10/06/2020

Date

Client Name: Sanders Laboratories, Inc

Report #: 498462

Sampling Point: SW-1

PWS ID: Not Supplied

| EEA Methods  |          |        |           |      |        |       |                  |                |          |
|--------------|----------|--------|-----------|------|--------|-------|------------------|----------------|----------|
| Analyte ID # | Analyte  | Method | Reg Limit | MRL† | Result | Units | Preparation Date | Analyzed Date  | EEA ID # |
| 120068-37-3  | Fipronil | S150   | ---       | 0.5  | < 0.5  | ug/L  | 09/29/20 07:50   | 10/01/20 05:29 | 4728021  |

Sampling Point: SW-3

PWS ID: Not Supplied

| EEA Methods  |          |        |           |      |        |       |                  |                |          |
|--------------|----------|--------|-----------|------|--------|-------|------------------|----------------|----------|
| Analyte ID # | Analyte  | Method | Reg Limit | MRL† | Result | Units | Preparation Date | Analyzed Date  | EEA ID # |
| 120068-37-3  | Fipronil | S150   | ---       | 0.5  | < 0.5  | ug/L  | 09/29/20 07:50   | 10/01/20 05:59 | 4728022  |

Sampling Point: SW-2

PWS ID: Not Supplied

| EEA Methods  |          |        |           |      |        |       |                  |                |          |
|--------------|----------|--------|-----------|------|--------|-------|------------------|----------------|----------|
| Analyte ID # | Analyte  | Method | Reg Limit | MRL† | Result | Units | Preparation Date | Analyzed Date  | EEA ID # |
| 120068-37-3  | Fipronil | S150   | ---       | 0.5  | < 0.5  | ug/L  | 09/29/20 07:50   | 10/01/20 06:30 | 4728023  |

† EEA has demonstrated it can achieve these report limits in reagent water, but can not document them in all sample matrices.

|                 |     |      |    |
|-----------------|-----|------|----|
| Reg Limit Type: | MCL | SMCL | AL |
| Symbol:         | *   | ^    | !  |

## Lab Definitions

**Continuing Calibration Check Standard (CCC) / Continuing Calibration Verification (CCV) / Initial Calibration Verification Standard (ICV) / Initial Performance Check (IPC)** - is a standard containing one or more of the target analytes that is prepared from the same standards used to calibrate the instrument. This standard is used to verify the calibration curve at the beginning of each analytical sequence, and may also be analyzed throughout and at the end of the sequence. The concentration of continuing standards may be varied, when prescribed by the reference method, so that the range of the calibration curve is verified on a regular basis. CCL, CCM, and CCH are the CCC standards at low, mid, and high concentration levels, respectively.

**Internal Standards (IS)** - are pure compounds with properties similar to the analytes of interest, which are added to field samples or extracts, calibration standards, and quality control standards at a known concentration. They are used to measure the relative responses of the analytes of interest and surrogates in the sample, calibration standard or quality control standard.

**Laboratory Duplicate (LD)** - is a field sample aliquot taken from the same sample container in the laboratory and analyzed separately using identical procedures. Analysis of laboratory duplicates provides a measure of the precision of the laboratory procedures.

**Laboratory Fortified Blank (LFB) / Laboratory Control Sample (LCS)** - is an aliquot of reagent water to which known concentrations of the analytes of interest are added. The LFB is analyzed exactly the same as the field samples. LFBs are used to determine whether the method is in control. FBL, FBM, and FBH are the LFB samples at low, mid, and high concentration levels, respectively.

**Laboratory Method Blank (LMB) / Laboratory Reagent Blank (LRB)** - is a sample of reagent water included in the sample batch analyzed in the same way as the associated field samples. The LMB is used to determine if method analytes or other background contamination have been introduced during the preparation or analytical procedure. The LMB is analyzed exactly the same as the field samples.

**Laboratory Trip Blank (LTB) / Field Reagent Blank (FRB)** - is a sample of laboratory reagent water placed in a sample container in the laboratory and treated as a field sample, including storage, preservation, and all analytical procedures. The FRB/LTB container follows the collection bottles to and from the collection site, but the FRB/LTB is not opened at any time during the trip. The FRB/LTB is primarily a travel blank used to verify that the samples were not contaminated during shipment.

If applicable, the calculation of the matrix spike (MS) or matrix spike duplicate (MSD) percent recovery is as follows:  $(\text{MS or MSD value} - \text{Sample value}) * 100 / \text{spike target} / \text{dilution factor} = \text{Recovery \%}$

**Matrix Spike Duplicate Sample (MSD) / Laboratory Fortified Sample Matrix Duplicate (LFSMD)** - is a sample aliquot taken from the same field sample source as the Matrix Spike Sample to which known quantities of the analytes of interest are added in the laboratory. The MSD is analyzed exactly the same as the field samples. Analysis of the MSD provides a measure of the precision of the laboratory procedures in a specific matrix. SDL, SDM, and SDH / LFSMDL, LFSMDM, and LFSMDH are the MSD or LFSMD at low, mid, and high concentration levels, respectively.

**Matrix Spike Sample (MS) / Laboratory Fortified Sample Matrix (LFSM)** - is a sample aliquot taken from field sample source to which known quantities of the analytes of interest are added in the laboratory. The MS is analyzed exactly the same as the field samples. The purpose is to demonstrate recovery of the analytes from a sample matrix to determine if the specific matrix contributes bias to the analytical results. MSL, MSM, and MSH / LFSML, LFSMM, and LFSMH are the MS or LFSM at low, mid, and high concentration levels, respectively.

**Quality Control Standard (QCS) / Second Source Calibration Verification (SSCV)** - is a solution containing known concentrations of the analytes of interest prepared from a source different from the source of the calibration standards. The solution is obtained from a second manufacturer or lot if the lot can be demonstrated by the manufacturer as prepared independently from other lots. The QCS sample is analyzed using the same procedures as field samples. The QCS is used as a check on the calibration standards used in the method on a routine basis.

**Reporting Limit Check (RLC) / Initial Calibration Check Standard (ICCS)** - is a procedural standard that is analyzed each day to evaluate instrument performance at or below the minimum reporting limit (MRL).

**Surrogate Standard (SS) / Surrogate Analyte (SUR)** - is a pure compound with properties similar to the analytes of interest, which is highly unlikely to be found in any field sample, that is added to the field samples, calibration standards, blanks and quality control standards before sample preparation. The SS is used to evaluate the efficiency of the sample preparation process.



110 S. Hill Street  
South Bend, IN 46617  
T: 1.800.332.4345  
F: 1.574.233.8207

Order #

Batch #

[www.EurofinsUS.com/Eaton](http://www.EurofinsUS.com/Eaton)

## CHAIN OF CUSTODY RECORD

Shaded area for EEA use only

Page \_\_\_\_\_ of \_\_\_\_\_

[illegible]

Sample analysis will be provided according to the standard EEA/Water Services Terms, which are available upon request. Any other terms proposed by Customer are deemed material alterations and are rejected unless expressly agreed to in writing by EEA.



# CHAIN OF CUSTODY RECORD

Omega COCID 14647

PAGE: 1

OF: 1

ADDRESS  
Ft. Myers Lab02  
10090 Bavaria Rd.  
Fort Myers, FL 33913  
TEL: (239) 590-0337  
FAX: (239) 590-0536  
Website: www.sanderslabs.net

|                                          |                              |                          |             |                                  |                       |                      |                                                                                             |
|------------------------------------------|------------------------------|--------------------------|-------------|----------------------------------|-----------------------|----------------------|---------------------------------------------------------------------------------------------|
| SUB CONTRACTOR: Pace                     |                              | COMPANY: Pace Analytical |             | SPECIAL INSTRUCTIONS / COMMENTS: |                       |                      |                                                                                             |
| ADDRESS: 8 East Tower Circle             |                              |                          |             |                                  |                       |                      |                                                                                             |
| CITY, STATE, ZIP: Ormond Beach, FL 32174 |                              |                          |             |                                  |                       |                      |                                                                                             |
| PHONE: (386) 676-4837                    |                              | FAX: (386) 673-4001      |             |                                  |                       |                      |                                                                                             |
| ACCOUNT #:                               |                              |                          |             |                                  |                       |                      |                                                                                             |
| ITEM #                                   | SAMPLE ID                    | CLIENT SAMPLE ID         | BOTTLE TYPE | MATRIX                           | DATE COLLECTED        | NUMBER OF CONTAINERS | COMMENTS: Methanol Preserved Weights<br>HOT Sample Notation, Additional Sample Description. |
| 1                                        | 2009634-001D<br>See Attached | SW-1                     |             | Surface Water                    | 9/16/2020 12:30:00 PM | 1                    | Fipronil - Ship to Europhins                                                                |
| 2                                        | 2009634-002D<br>See Attached | SW-3                     |             | Surface Water                    | 9/16/2020 1:30:00 PM  | 1                    | Fipronil - Ship to Europhins                                                                |
| 3                                        | 2009634-003D<br>See Attached | SW-2                     |             | Surface Water                    | 9/16/2020 1:00:00 PM  | 1                    | Fipronil - Ship to Europhins                                                                |

|                                                                                                                                                                            |                                   |                               |                                  |                                 |                                 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|-------------------------------|----------------------------------|---------------------------------|---------------------------------|
| Relinquished By:                                                                                                                                                           | Date: 9/16/2020                   | Time: 1700                    | Received By: <i>[Signature]</i>  | Date: 09/17/2020                | Time: 1015                      |
| Relinquished By:                                                                                                                                                           | Date:                             | Time:                         | Received By:                     | Date:                           | Time:                           |
| Relinquished By:                                                                                                                                                           | Date:                             | Time:                         | Received By:                     | Date:                           | Time:                           |
| TAT:                                                                                                                                                                       | Standard <input type="checkbox"/> | RUSH <input type="checkbox"/> | Next BD <input type="checkbox"/> | 2nd BD <input type="checkbox"/> | 3rd BD <input type="checkbox"/> |
| Note: RUSH requests will incur surcharges!                                                                                                                                 |                                   |                               |                                  |                                 |                                 |
| REPORT TRANSMITTAL DESIRED:<br><input type="checkbox"/> HARD COPY (extra cost) <input type="checkbox"/> FAX <input type="checkbox"/> EMAIL <input type="checkbox"/> ONLINE |                                   |                               |                                  |                                 |                                 |
| FOR LAB USE ONLY<br>Temp of samples 3.8 °C Attempt to Cool ?<br>Comments:                                                                                                  |                                   |                               |                                  |                                 |                                 |

# Eurofins Eaton Analytical

## Run Log

Run ID: **280409** Method: **S150**

| Type | Sample Id | Sample Site | Matrix | Instrument ID | Analysis Date    | Calibration File   |
|------|-----------|-------------|--------|---------------|------------------|--------------------|
| CCC  | 4736779   |             | OS     | DN            | 09/30/2020 15:38 | S150-DN-031516.mth |
| LFB  | 4736776   |             | RW     | DN            | 09/30/2020 17:11 | S150-DN-031516.mth |
| LMB  | 4736772   |             | RW     | DN            | 09/30/2020 18:42 | S150-DN-031516.mth |
| CCC  | 4737381   |             | OS     | DN            | 10/01/2020 01:53 | S150-DN-031516.mth |
| CCC  | 4737382   |             | OS     | DN            | 10/01/2020 02:24 | S150-DN-031516.mth |
| FS   | 4728021   | SW-1        | SW     | DN            | 10/01/2020 05:29 | S150-DN-031516.mth |
| FS   | 4728022   | SW-3        | SW     | DN            | 10/01/2020 05:59 | S150-DN-031516.mth |
| FS   | 4728023   | SW-2        | SW     | DN            | 10/01/2020 06:30 | S150-DN-031516.mth |

QC Summary Report

| Sample Type | Analyte               | Method | MRL | Client ID | Result Flag | Amount  | Target | Units | % Recovery | Recovery Limits | RPD | RPD Limit | Dil Factor | Extracted        | Analyzed         | EEA ID # |
|-------------|-----------------------|--------|-----|-----------|-------------|---------|--------|-------|------------|-----------------|-----|-----------|------------|------------------|------------------|----------|
| CCC         | IS-Acenaphthene-d10   | S150   | N/A | ---       |             | 1040000 | 876286 | ug/L  | 119        | 50 - 150        | --- | ---       | 1.0        | 09/29/2020 07:50 | 09/30/2020 15:38 | 4736779  |
| CCC         | IS-Chrysene-d12       | S150   | N/A | ---       |             | 690269  | 626792 | ug/L  | 110        | 50 - 150        | --- | ---       | 1.0        | 09/29/2020 07:50 | 09/30/2020 15:38 | 4736779  |
| CCC         | IS-Phenanthrene-d10   | S150   | N/A | ---       |             | 821444  | 744704 | ug/L  | 110        | 50 - 150        | --- | ---       | 1.0        | 09/29/2020 07:50 | 09/30/2020 15:38 | 4736779  |
| CCC         | SS-Triphenylphosphate | S150   | N/A | ---       |             | 4.5190  | 5.0    | ug/L  | 90         | 70 - 130        | --- | ---       | 1.0        | 09/29/2020 07:50 | 09/30/2020 15:38 | 4736779  |
| CCC         | Fipronil              | S150   | 0.5 | ---       |             | 5.8850  | 5.0    | ug/L  | 118        | 67 - 152        | --- | ---       | 1.0        | 09/29/2020 07:50 | 09/30/2020 15:38 | 4736779  |
| LFB         | IS-Acenaphthene-d10   | S150   | N/A | ---       |             | 978779  | 876286 | ug/L  | 112        | 50 - 150        | --- | ---       | 1.0        | 09/29/2020 07:50 | 09/30/2020 17:11 | 4736776  |
| LFB         | IS-Chrysene-d12       | S150   | N/A | ---       |             | 677174  | 626792 | ug/L  | 108        | 50 - 150        | --- | ---       | 1.0        | 09/29/2020 07:50 | 09/30/2020 17:11 | 4736776  |
| LFB         | IS-Phenanthrene-d10   | S150   | N/A | ---       |             | 786456  | 744704 | ug/L  | 106        | 50 - 150        | --- | ---       | 1.0        | 09/29/2020 07:50 | 09/30/2020 17:11 | 4736776  |
| LFB         | SS-Triphenylphosphate | S150   | N/A | ---       |             | 5.1210  | 5.0    | ug/L  | 102        | 70 - 130        | --- | ---       | 1.0        | 09/29/2020 07:50 | 09/30/2020 17:11 | 4736776  |
| LFB         | Fipronil              | S150   | 0.5 | ---       |             | 6.0570  | 5.0    | ug/L  | 121        | 65 - 141        | --- | ---       | 1.0        | 09/29/2020 07:50 | 09/30/2020 17:11 | 4736776  |
| LMB         | IS-Acenaphthene-d10   | S150   | N/A | ---       |             | 922660  | 876286 | ug/L  | 105        | 50 - 150        | --- | ---       | 0.98       | 09/29/2020 07:50 | 09/30/2020 18:42 | 4736772  |
| LMB         | IS-Chrysene-d12       | S150   | N/A | ---       |             | 596723  | 626792 | ug/L  | 95         | 50 - 150        | --- | ---       | 0.98       | 09/29/2020 07:50 | 09/30/2020 18:42 | 4736772  |
| LMB         | IS-Phenanthrene-d10   | S150   | N/A | ---       |             | 736918  | 744704 | ug/L  | 99         | 50 - 150        | --- | ---       | 0.98       | 09/29/2020 07:50 | 09/30/2020 18:42 | 4736772  |
| LMB         | SS-Triphenylphosphate | S150   | N/A | ---       |             | 5.3170  | 5.0    | ug/L  | 109        | 70 - 130        | --- | ---       | 0.98       | 09/29/2020 07:50 | 09/30/2020 18:42 | 4736772  |
| LMB         | Fipronil              | S150   | 0.5 | ---       | <           | 0.5     |        | ug/L  | ---        | ---             | --- | ---       | 0.98       | 09/29/2020 07:50 | 09/30/2020 18:42 | 4736772  |
| CCC         | IS-Acenaphthene-d10   | S150   | N/A | ---       |             | 1035000 | 876286 | ug/L  | 118        | 50 - 150        | --- | ---       | 1.0        | 09/29/2020 07:50 | 10/01/2020 01:53 | 4737381  |
| CCC         | IS-Chrysene-d12       | S150   | N/A | ---       |             | 688071  | 626792 | ug/L  | 110        | 50 - 150        | --- | ---       | 1.0        | 09/29/2020 07:50 | 10/01/2020 01:53 | 4737381  |
| CCC         | IS-Phenanthrene-d10   | S150   | N/A | ---       |             | 814570  | 744704 | ug/L  | 109        | 50 - 150        | --- | ---       | 1.0        | 09/29/2020 07:50 | 10/01/2020 01:53 | 4737381  |
| CCC         | SS-Triphenylphosphate | S150   | N/A | ---       |             | 5.2690  | 5.0    | ug/L  | 105        | 70 - 130        | --- | ---       | 1.0        | 09/29/2020 07:50 | 10/01/2020 01:53 | 4737381  |
| CCC         | IS-Acenaphthene-d10   | S150   | N/A | ---       |             | 1038000 | 876286 | ug/L  | 118        | 50 - 150        | --- | ---       | 1.0        | 09/29/2020 07:50 | 10/01/2020 02:24 | 4737382  |
| CCC         | IS-Chrysene-d12       | S150   | N/A | ---       |             | 639057  | 626792 | ug/L  | 102        | 50 - 150        | --- | ---       | 1.0        | 09/29/2020 07:50 | 10/01/2020 02:24 | 4737382  |
| CCC         | IS-Phenanthrene-d10   | S150   | N/A | ---       |             | 777924  | 744704 | ug/L  | 104        | 50 - 150        | --- | ---       | 1.0        | 09/29/2020 07:50 | 10/01/2020 02:24 | 4737382  |
| CCC         | SS-Triphenylphosphate | S150   | N/A | ---       |             | 5.5310  | 5.0    | ug/L  | 111        | 70 - 130        | --- | ---       | 1.0        | 09/29/2020 07:50 | 10/01/2020 02:24 | 4737382  |
| CCC         | Fipronil              | S150   | 0.5 | ---       |             | 6.1760  | 5.0    | ug/L  | 124        | 67 - 152        | --- | ---       | 1.0        | 09/29/2020 07:50 | 10/01/2020 02:24 | 4737382  |
| FS          | IS-Acenaphthene-d10   | S150   | N/A | SW-1      |             | 1078000 | 876286 | ug/L  | 123        | 50 - 150        | --- | ---       | 0.95       | 09/29/2020 07:50 | 10/01/2020 05:29 | 4728021  |
| FS          | IS-Chrysene-d12       | S150   | N/A | SW-1      |             | 751930  | 626792 | ug/L  | 120        | 50 - 150        | --- | ---       | 0.95       | 09/29/2020 07:50 | 10/01/2020 05:29 | 4728021  |
| FS          | IS-Phenanthrene-d10   | S150   | N/A | SW-1      |             | 867775  | 744704 | ug/L  | 117        | 50 - 150        | --- | ---       | 0.95       | 09/29/2020 07:50 | 10/01/2020 05:29 | 4728021  |
| FS          | SS-Triphenylphosphate | S150   | N/A | SW-1      |             | 4.6020  | 5.0    | ug/L  | 97         | 70 - 130        | --- | ---       | 0.95       | 09/29/2020 07:50 | 10/01/2020 05:29 | 4728021  |
| FS          | Fipronil              | S150   | 0.5 | SW-1      | <           | 0.5     |        | ug/L  | ---        | ---             | --- | ---       | 0.95       | 09/29/2020 07:50 | 10/01/2020 05:29 | 4728021  |
| FS          | IS-Acenaphthene-d10   | S150   | N/A | SW-3      |             | 1034000 | 876286 | ug/L  | 118        | 50 - 150        | --- | ---       | 0.97       | 09/29/2020 07:50 | 10/01/2020 05:59 | 4728022  |
| FS          | IS-Chrysene-d12       | S150   | N/A | SW-3      |             | 750752  | 626792 | ug/L  | 120        | 50 - 150        | --- | ---       | 0.97       | 09/29/2020 07:50 | 10/01/2020 05:59 | 4728022  |
| FS          | IS-Phenanthrene-d10   | S150   | N/A | SW-3      |             | 864237  | 744704 | ug/L  | 116        | 50 - 150        | --- | ---       | 0.97       | 09/29/2020 07:50 | 10/01/2020 05:59 | 4728022  |
| FS          | SS-Triphenylphosphate | S150   | N/A | SW-3      |             | 4.8330  | 5.0    | ug/L  | 100        | 70 - 130        | --- | ---       | 0.97       | 09/29/2020 07:50 | 10/01/2020 05:59 | 4728022  |
| FS          | Fipronil              | S150   | 0.5 | SW-3      | <           | 0.5     |        | ug/L  | ---        | ---             | --- | ---       | 0.97       | 09/29/2020 07:50 | 10/01/2020 05:59 | 4728022  |
| FS          | IS-Acenaphthene-d10   | S150   | N/A | SW-2      |             | 1045000 | 876286 | ug/L  | 119        | 50 - 150        | --- | ---       | 0.95       | 09/29/2020 07:50 | 10/01/2020 06:30 | 4728023  |
| FS          | IS-Chrysene-d12       | S150   | N/A | SW-2      |             | 762013  | 626792 | ug/L  | 122        | 50 - 150        | --- | ---       | 0.95       | 09/29/2020 07:50 | 10/01/2020 06:30 | 4728023  |
| FS          | IS-Phenanthrene-d10   | S150   | N/A | SW-2      |             | 878441  | 744704 | ug/L  | 118        | 50 - 150        | --- | ---       | 0.95       | 09/29/2020 07:50 | 10/01/2020 06:30 | 4728023  |
| FS          | SS-Triphenylphosphate | S150   | N/A | SW-2      |             | 4.6890  | 5.0    | ug/L  | 99         | 70 - 130        | --- | ---       | 0.95       | 09/29/2020 07:50 | 10/01/2020 06:30 | 4728023  |
| FS          | Fipronil              | S150   | 0.5 | SW-2      | <           | 0.5     |        | ug/L  | ---        | ---             | --- | ---       | 0.95       | 09/29/2020 07:50 | 10/01/2020 06:30 | 4728023  |

# Eurofins Eaton Analytical

## Run Log

Run ID: **280426** Method: **S150**

| <u>Type</u> | <u>Sample Id</u> | <u>Sample Site</u> | <u>Matrix</u> | <u>Instrument ID</u> | <u>Analysis Date</u> | <u>Calibration File</u> |
|-------------|------------------|--------------------|---------------|----------------------|----------------------|-------------------------|
| CCC         | 4738319          |                    | OS            | DN                   | 10/01/2020 08:44     | S150-DN-031516.mth      |

## QC Summary Report

| Sample Type | Analyte               | Method | MRL | Client ID | Result Flag | Amount  | Target | Units | % Recovery | Recovery Limits | RPD | RPD Limit | Dil Factor | Extracted        | Analyzed         | EEA ID # |
|-------------|-----------------------|--------|-----|-----------|-------------|---------|--------|-------|------------|-----------------|-----|-----------|------------|------------------|------------------|----------|
| CCC         | IS-Acenaphthene-d10   | S150   | N/A | ---       |             | 1014000 | 876286 | ug/L  | 116        | 50 - 150        | --- | ---       | 1.0        | 09/29/2020 07:50 | 10/01/2020 08:44 | 4738319  |
| CCC         | IS-Chrysene-d12       | S150   | N/A | ---       |             | 671188  | 626792 | ug/L  | 107        | 50 - 150        | --- | ---       | 1.0        | 09/29/2020 07:50 | 10/01/2020 08:44 | 4738319  |
| CCC         | IS-Phenanthrene-d10   | S150   | N/A | ---       |             | 786778  | 744704 | ug/L  | 106        | 50 - 150        | --- | ---       | 1.0        | 09/29/2020 07:50 | 10/01/2020 08:44 | 4738319  |
| CCC         | SS-Triphenylphosphate | S150   | N/A | ---       |             | 5.2830  | 5.0    | ug/L  | 106        | 70 - 130        | --- | ---       | 1.0        | 09/29/2020 07:50 | 10/01/2020 08:44 | 4738319  |

# Eurofins Eaton Analytical

## Run Log

Run ID: **280468** Method: **S150**

| <u>Type</u> | <u>Sample Id</u> | <u>Sample Site</u> | <u>Matrix</u> | <u>Instrument ID</u> | <u>Analysis Date</u> | <u>Calibration File</u> |
|-------------|------------------|--------------------|---------------|----------------------|----------------------|-------------------------|
| CCC         | 4741069          |                    | OS            | DN                   | 10/05/2020 12:36     | S150-DN-031516.mth      |

## QC Summary Report

| Sample Type | Analyte               | Method | MRL | Client ID | Result Flag | Amount | Target | Units | % Recovery | Recovery Limits | RPD | RPD Limit | Dil Factor | Extracted        | Analyzed         | EEA ID # |
|-------------|-----------------------|--------|-----|-----------|-------------|--------|--------|-------|------------|-----------------|-----|-----------|------------|------------------|------------------|----------|
| CCC         | IS-Acenaphthene-d10   | S150   | N/A | ---       |             | 956099 | 876286 | ug/L  | 109        | 50 - 150        | --- | ---       | 1.0        | 09/29/2020 07:50 | 10/05/2020 12:36 | 4741069  |
| CCC         | IS-Chrysene-d12       | S150   | N/A | ---       |             | 549304 | 626792 | ug/L  | 88         | 50 - 150        | --- | ---       | 1.0        | 09/29/2020 07:50 | 10/05/2020 12:36 | 4741069  |
| CCC         | IS-Phenanthrene-d10   | S150   | N/A | ---       |             | 732943 | 744704 | ug/L  | 98         | 50 - 150        | --- | ---       | 1.0        | 09/29/2020 07:50 | 10/05/2020 12:36 | 4741069  |
| CCC         | SS-Triphenylphosphate | S150   | N/A | ---       |             | 5.6820 | 5.0    | ug/L  | 114        | 70 - 130        | --- | ---       | 1.0        | 09/29/2020 07:50 | 10/05/2020 12:36 | 4741069  |

Sample Type Key

| <u>Type (Abbr.)</u> | <u>Sample Type</u>           | <u>Type (Abbr.)</u> | <u>Sample Type</u> |
|---------------------|------------------------------|---------------------|--------------------|
| CCC                 | Continuing Calibration Check |                     |                    |
| FS                  | Field Sample                 |                     |                    |
| LFB                 | Laboratory Fortified Blank   |                     |                    |
| LMB                 | Laboratory Method Blank      |                     |                    |

END OF REPORT