INSTRUMENT PROCESSING SHEET

FDLE
Florida Department of Law Enforcement

Agency FWC S/N 80-000906

Date In 11/29/2021 DI Completion Date 11/30/2021 ☐Ship ■P/U ☐H/D ☐CMI ☐EE

Intake By TDG

- ■ Annual
- ☐ Registration
- ☐ Return from CMI / EE

Visual Inspection:

- ■ Case
- ■ Handle
- ■ Keyboard
- ■ Dry Gas Shelf
- ■ Feet
- ■ Breath Tube
- ■ Ports
- ■ Screws Tight

Other Equipment/ Accessories:

- ■ Power cord
- ☐ Printer Cable
- ☐ Static Bag
- ☐ 12V DC Cable

Notes: Hand-delivered to FDLE in pelican case w/ DGS

Quality Checks By TDG Date 11/30/2021

- ■ Breath Tube Screen
- ■ Replace External O-Rings
- ■ Instrument Set Up Verified
- ■ R-Value 226
- ■ Flow Verification (L/s)

Flow Column # ATP101

32 mm	0.164	(.139 - .169)
36 mm	0.179	(.156 - .190)
53 mm	0.246	(.228 - .278)
103 mm	0.519	(.447 - .547)

- ■ Barometric Pressure Check

Gauge ID # 68639

- ■ Stability Checks

Simulator	Serial #	Lot #/Exp
0.050	MP5092	202010A 10/05/2022
0.080	MP4864	202010B 10/05/2022
0.200	MP5094	202010D 10/06/2022
0.080 DGS	N/A	AG026705 09/23/2022

Flow Calibration By____ Date____

Flow Column # ____

- ☐ 5L/min – 17mm
- ☐ 15L/min – 53mm
- ☐ 30L/min – 103mm
- ☐ R-Value ____
- ☐ Post Calibration Verification (L/s)

Flow Column # ____

32 mm		(.139 - .169)
36 mm		(.156 - .190)
53 mm		(.228 - .278)
103 mm		(.447 - .547)

Maintenance By ____

- ☐ Battery Replacement
- ☐ Dry Gas Regulator Replacement
- ☐ Breath Tube Replacement
- ☐ Other ____

DI Temp. Checks By TDG

- ■ Lab Temp °C 19.42

External Digital Therm. ID#: 381198

- ■ 34°C +-.2 Serial #: MP5092
- ■ 34°C +-.2 Serial #: MP4864
- ■ 34°C +-.2 Serial #: MP5094

Calibration Adjustment By____

Barometric Pressure Gauge ____ ID # ____

Simulator	Serial #	Lot #	Expiration
0.000		N/A	N/A
0.040			
0.100			
0.200			
0.300			
0.080 DGS	N/A		

☐ Post Calibration Adjustment Stability Checks

Simulator	Serial #	Lot #	Expiration
0.050			
0.080			
0.200			
0.080 DGS	N/A		

Department Inspection By TDG

Barometric Pressure ID# 28199

Gauge 1020 Instrument 1019

Mouth Alcohol Solution Lot # 2020-A

Acetone Stock Solution Lot # 2020-A

Simulator	Serial Number
0.000	SD3963
Interferent	SD1017
0.050	MP5092
0.080	MP4864
0.200	MP5094

Attachments

- ■ Form 41
- ■ Stability Checks
- ■ Calibration Certificate
- ☐ Calibration Adjustment
- ☐ Post-Stability Checks
- ☐ Flow Calibration
- ☐ Form 40
- ☐ Other ____

Notes/Suggested Service: ____

- ■ **Instrument Complies with Chapter 11D-8, FAC**
- ☐ **Instrument Does Not Comply with Chapter 11D-8, FAC**
- ■ **Return to/Place into Evidentiary Use**
- ☐ **Remain Out of Evidentiary Use**
- ■ **Conduct an Agency Inspection Before Evidentiary Use**

Richard A Williams — Digitally signed by Richard A Williams Date: 2021.11.30 17:07:48 -05'00'

2021.12.01 14:27:25 -05'00'

Tech Review / Date — Admin Review / Date

Type of Test	Serial Number	Agency	Date	Performed By
Stabilities	80-000906	FWC	11/30/2021	TDG MG

0.05g/210L

0.047 to 0.053 ✓

FISH & WILDLIFE CC
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000906
11/30/2021
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:06
Control Test	0.051	12:07
Air Blank	0.000	12:07
Control Test	0.051	12:08
Air Blank	0.000	12:08
Control Test	0.051	12:09
Air Blank	0.000	12:10

Control Test Stats

Average	0.0510
Std Dev	0.0000
Rel Std Dev(%)	0.0000

MG
Operator's Signature

0.08g/210L

0.077 to 0.083 ✓

FISH & WILDLIFE CC
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000906
11/30/2021
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:13
Control Test	0.082	12:14
Air Blank	0.000	12:15
Control Test	0.080	12:15
Air Blank	0.000	12:16
Control Test	0.081	12:17
Air Blank	0.000	12:17

Control Test Stats

Average	0.0810
Std Dev	0.0010
Rel Std Dev(%)	1.2346

MG
Operator's Signature

0.20g/210L

0.194 to 0.206 ✓

FISH & WILDLIFE CC
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000906
11/30/2021
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:23
Control Test	0.201	12:24
Air Blank	0.000	12:24
Control Test	0.201	12:25
Air Blank	0.000	12:25
Control Test	0.200	12:26
Air Blank	0.000	12:27

Control Test Stats

Average	0.2007
Std Dev	0.0006
Rel Std Dev(%)	0.2877

MG
Operator's Signature

DGS 0.08g/210L

0.077 to 0.083 ✓ **≤0.003 of Wet** ✓

DGS

FISH & WILDLIFE CC
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000906
11/30/2021
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	12:28
Control Test	0.080	12:29
Air Blank	0.000	12:29
Control Test	0.081	12:29
Air Blank	0.000	12:30
Control Test	0.081	12:30
Air Blank	0.000	12:31

Control Test Stats

Average	0.0807
Std Dev	0.0006
Rel Std Dev(%)	0.7157

MG
Operator's Signature

Comments:

Florida Department of Law Enforcement
Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: FISH & WILDLIFE CC
Serial Number: 80-000906
Time of Inspection: 14:56
Date of Inspection: 11/30/2021
Software: 8100.27

Check or Test	YES	NO	Check or Test	YES	NO
Diagnostic Check (Pre-Inspection): OK	Yes		Date and/or Time Adjusted		No
Minimum Sample Volume Check: OK	Yes		Barometric Pressure Sensor Check: OK	Yes	
Alcohol Free Subject Test: 0.000	Yes		Mouth Alcohol Test: Slope Not Met	Yes	
Interferent Detect Test: Interferent Detect	Yes		Diagnostic Check (Post-Inspection): OK	Yes	

Alcohol Free Test (g/210L)	0.05g/210L Test (g/210L) Lot#:202010A Exp: 10/05/2022	0.08g/210L Test (g/210L) Lot#:202010B Exp: 10/05/2022	0.20g/210L Test (g/210L) Lot#:202010D Exp: 10/06/2022	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:AG026705 Exp: 09/23/2022
0.000	0.051	0.081	0.201	0.080
0.000	0.050	0.080	0.202	0.080
0.000	0.051	0.081	0.201	0.079
0.000	0.050	0.080	0.202	0.079
0.000	0.051	0.080	0.201	0.079
0.000	0.051	0.080	0.201	0.080
0.000	0.051	0.081	0.201	0.080
0.000	0.051	0.081	0.201	0.080
0.000	0.051	0.082	0.201	0.080
0.000	0.051	0.081	0.201	0.079
Standard Deviations	0.0004	0.0006	0.0004	0.0005

Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0004 Number of Simulators Used: 5

Remarks:

The above instrument complies (X) does not comply ( ) with Chapter 11D-8, FAC.

I certify that I performed this inspection in accordance with the provisions of Chapter 11D-8, FAC.

Taylor D Gutschow — TAYLOR D GUTSCHOW

Signature and Printed Name

11/30/2021
Date

ilac-MRA

ANAB
ANSI National Accreditation Board
ACCREDITED
ISO/IEC 17025
FORENSIC CALIBRATION LABORATORY

Calibration Certificate

Florida Department of Law Enforcement
Alcohol Testing Program
4700 Terminal Drive, Suite 1
Ft. Myers, FL 33907

This is to certify the calibration of Intoxilyzer 8000 serial number 80-000906 , manufactured by CMI, Inc. was calibrated in accordance with FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

Serial Number:	80-000906		UNCERTAINTY* ±
Owning Agency:	FISH & WILDLIFE CC	0.050 g/ 210 L	0.005
Calibration Date:	11/30/2021	0.080 g/ 210 L	0.004
Calibration Time:	14:56	0.200 g/ 210 L	0.007
		0.080 g/ 210 L Dry Gas Control	0.005

All results are reported in g/ 210 L.
Bias is limited by calibration acceptance criteria. All calibration results must be within ± 0.005 or 5%, whichever is greater, of the target alcohol concentration.
*Uncertainty is based on fleet-wide data and is expressed to a 99.73% level of confidence (k=3).
The instrument results before and after any adjustment are found in the associated pre and post stability checks.

TRACEABILITY INFORMATION
This instrument was calibrated using solutions prepared by Alcohol Countermeasure Systems, Inc. (ACS). ACS prepared and certified these CRMs in accordance with ISO 17034 and ISO/ IEC 17025 Standards.

Simulator temperatures are traceable to NIST. Thermometer temperatures are checked with NIST traceable Eutechnics 4400 digital thermometers calibrated by Precision Metrology in accordance with ISO/ IEC 17025 standards.

Dry gas control measurements are traceable to NIST through the uses of CRMs supplied by an accredited CRM supplier. The supplier of dry gas standard controls prepared and certified the CRMs in accordance with ISO Guide 34 and ISO/ IEC 17025 standards.

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Law Enforcement Alcohol Testing Program.

11/30/2021
Date

TAYLOR D GUTSCHOW,
Department Inspector

INSTRUMENT PROCESSING SHEET

FDLE
Florida Department of Law Enforcement

Agency Florida Fish & Wildlife Conservation Commission S/N 80-000906

Date In 3/15/2021 DI Completion Date 3/18/2021 ■Ship ☐P/U ☐H/D ☐CMI ☐EE

Intake By DERR

- ■ Annual
- ☐ Registration
- ■ Return from CMI / EE

Visual Inspection:

- ■ Case
- ■ Handle
- ■ Keyboard
- ■ Dry Gas Shelf
- ■ Feet
- ■ Breath Tube
- ■ Ports
- ■ Screws Tight

Other Equipment/ Accessories:

- ☐ Power cord
- ☐ Printer Cable
- ☐ Static Bag
- ☐ 12V DC Cable

Notes:

Quality Checks By DER Date 2/15/2021

- ■ Breath Tube Screen
- ■ Replace External O-Rings
- ■ Instrument Set Up Verified
- ■ R-Value 208
- ■ Flow Verification (L/s)

Flow Column # ATP104

32 mm	0.148	(.139 - .169)
36 mm	0.160	(.156 - .190)
53 mm	0.228	(.228 - .278)
103 mm	0.500	(.447 - .547)

- ■ Barometric Pressure Check

Gauge ID # 28663

- ■ Stability Checks

Simulator	Serial #	Lot #/Exp
0.050	SD3967	202010A 10/05/2022
0.080	SD3968	202010B 10/05/2022
0.200	SD3969	202010D 10/06/2022
0.080 DGS	N/A	AG026705 09/23/2022

Flow Calibration By____ Date____

Flow Column #

- ☐ 5L/min – 17mm
- ☐ 15L/min – 53mm
- ☐ 30L/min – 103mm
- ☐ R-Value
- ☐ Post Calibration Verification (L/s)

Flow Column #

32 mm		(.139 - .169)
36 mm		(.156 - .190)
53 mm		(.228 - .278)
103 mm		(.447 - .547)

Maintenance By

- ☐ Battery Replacement
- ☐ Dry Gas Regulator Replacement
- ☐ Breath Tube Replacement
- ☐ Other

DI Temp. Checks By DERR

- ■ Lab Temp °C 22.09C

External Digital Therm. ID#: 300918

- ■ 34°C +-.2 Serial #: SD3967
- ■ 34°C +-.2 Serial #: SD3968
- ■ 34°C +-.2 Serial #: SD3969

Calibration Adjustment By DERR

Barometric Pressure Gauge 1015 ID # 68639

Simulator	Serial #	Lot #	Expiration
0.000	MP5095	N/A	N/A
0.040	MP5098	20060	2/10/2022
0.100	MP5099	20420	09/22/2022
0.200	MP5100	20160	03/18/2022
0.300	MP5101	20030	01/21/2022
0.080 DGS	N/A	00521080A2	02/05/2023

■ Post Calibration Adjustment Stability Checks

Simulator	Serial #	Lot #	Expiration
0.050	SD3967	202010A	10/05/2022
0.080	SD3968	202010B	10/05/2022
0.200	SD3969	202010D	10/06/2022
0.080 DGS	N/A	AG026705	09/23/2022

Department Inspection By DERR

Barometric Pressure ID# 28199

Gauge 1016 Instrument 1016

Mouth Alcohol Solution Lot # 2020-A

Acetone Stock Solution Lot # 2020-A

Simulator	Serial Number
0.000	SD3965
Interferent	SD1015
0.050	SD3967
0.080	SD3968
0.200	SD3969

Attachments

- ■ Form 41
- ■ Stability Checks
- ■ Calibration Certificate
- ■ Calibration Adjustment
- ■ Post-Stability Checks
- ☐ Flow Calibration
- ☐ Form 40
- ☐ Other

Notes/Suggested Service: Optical calibration to bring Barometric values closer to nominal. DERR

- ■ **Instrument Complies with Chapter 11D-8, FAC**
- ☐ **Instrument Does Not Comply with Chapter 11D-8, FAC**
- ■ **Return to/Place into Evidentiary Use**
- ☐ **Remain Out of Evidentiary Use**
- ■ **Conduct an Agency Inspection Before Evidentiary Use**

Michael D Haughey 2021.03.19 10:27:09 -04'00' — Tech Review / Date

2021.03.19 13:40:06 -04'00' — Admin Review / Date

Calibration Certificate

Florida Department of Law Enforcement
Alcohol Testing Program
4700 Terminal Drive, Suite 1
Ft. Myers, FL 33907

This is to certify the calibration of Intoxilyzer 8000 serial number 80-000906 , *manufactured by CMI, Inc. was calibrated in accordance with* FDLE/ATP Form 36 - Department Inspection Procedures - Intoxilyzer 8000.

			UNCERTAINTY* ±
Serial Number:	80-000906		
Owning Agency:	FISH & WILDLIFE CC	0.050 g/ 210 L	0.005
Calibration Date:	03/18/2021	0.080 g/ 210 L	0.004
Calibration Time:	12:30	0.200 g/ 210 L	0.007
		0.080 g/ 210 L Dry Gas Control	0.005

All results are reported in g/ 210 L.
Bias is limited by calibration acceptance criteria. All calibration results must be within ± 0.005 or 5%, whichever is greater, of the target alcohol concentration.
*Uncertainty is based on fleet-wide data and is expressed to a 99.73% level of confidence (k=3).
The instrument results before and after any adjustment are found in the associated pre and post stability checks.

TRACEABILITY INFORMATION
This instrument was calibrated using solutions prepared by Alcohol Countermeasure Systems, Inc. (ACS). ACS prepared and certified these CRMs in accordance with ISO 17034 and ISO/ IEC 17025 Standards.

Simulator temperatures are traceable to NIST. Thermometer temperatures are checked with NIST traceable Eutechnics 4400 digital thermometers calibrated by Precision Metrology in accordance with ISO/ IEC 17025 standards.

Dry gas control measurements are traceable to NIST through the uses of CRMs supplied by an accredited CRM supplier. The supplier of dry gas standard controls prepared and certified the CRMs in accordance with ISO Guide 34 and ISO/ IEC 17025 standards.

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Law Enforcement Alcohol Testing Program.

03/18/2021
Date

DAVID E REYES-RIVERA,
Department Inspector

Florida Department of Law Enforcement
Alcohol Testing Program

DEPARTMENT INSPECTION REPORT - INTOXILYZER 8000

Agency: FISH & WILDLIFE CC
Time of Inspection: 12:30
Date of Inspection: 03/18/2021
Serial Number: 80-000906
Software: 8100.27

Check or Test	YES	NO	Check or Test	YES	NO
Diagnostic Check (Pre-Inspection): OK	Yes		Date and/or Time Adjusted		No
Minimum Sample Volume Check: OK	Yes		Barometric Pressure Sensor Check: OK	Yes	
Alcohol Free Subject Test: 0.000	Yes		Mouth Alcohol Test: Slope Not Met	Yes	
Interferent Detect Test: Interferent Detect	Yes		Diagnostic Check (Post-Inspection): OK	Yes	

Alcohol Free Test (g/210L)	0.05g/210L Test (g/210L) Lot#:202010A Exp: 10/05/2022	0.08g/210L Test (g/210L) Lot#:202010B Exp: 10/05/2022	0.20g/210L Test (g/210L) Lot#:202010D Exp: 10/06/2022	0.08 g/210L Dry Gas Std Test (g/210L) Lot#:AG026705 Exp: 09/23/2022
0.000	0.049	0.078	0.198	0.000 / 0.080
0.000	0.049	0.078	0.199	0.000 / 0.080
0.000	0.049	0.079	0.200	0.000 / 0.079
0.000	0.049	0.079	0.199	0.000 / 0.079
0.000	0.050	0.079	0.200	0.000 / 0.079
0.000	0.050	0.078	0.200	0.000 / 0.078
0.000	0.049	0.079	0.199	0.000 / 0.079
0.000	0.049	0.079	0.199	0.000 / 0.079
0.000	0.049	0.078	0.198	0.080 / 0.079
0.000	0.050	0.079	0.198	0.080 / 0.079

Standard Deviations	0.0004	0.0005	0.0008	0.0337 / 0.0005

Average Standard Deviation of 0.05, 0.08 and 0.20 g/210L Tests: 0.0005 Number of Simulators Used: 5

Remarks:
08: Control Outside ToleranceDGS NOT CONNECTED.

The above instrument complies (X) does not comply ( ) with Chapter 11D-8, FAC.

I certify that I performed this inspection in accordance with the provisions of Chapter 11D-8, FAC.

DAVID E REYES-RIVERA
Signature and Printed Name

03/18/2021
Date

FDLE/ATP Form 41 –Revised August 2005

Type of Test	Serial Number	Agency	Date	Performed By
Post Stabilities	80-000906	Florida Fish & Wildlife Conservation Commission	3/18/2021	DERR

0.05g/210L

0.047 to 0.053 ✓

FISH & WILDLIFE CC
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000906
03/18/2021
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:00
Control Test	0.049	08:01
Air Blank	0.000	08:01
Control Test	0.049	08:02
Air Blank	0.000	08:02
Control Test	0.048	08:03
Air Blank	0.000	08:04
Control Test Stats		
Average	0.0487	
Std Dev	0.0006	
Rel Std Dev(%)	1.1863	

Operator's Signature

0.08g/210L

0.077 to 0.083 ✓

FISH & WILDLIFE CC
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000906
03/18/2021
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:28
Control Test	0.078	08:29
Air Blank	0.000	08:29
Control Test	0.078	08:30
Air Blank	0.000	08:30
Control Test	0.078	08:31
Air Blank	0.000	08:32
Control Test Stats		
Average	0.0780	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Operator's Signature

0.20g/210L

0.194 to 0.206 ✓

FISH & WILDLIFE CC
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000906
03/18/2021
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:33
Control Test	0.195	08:33
Air Blank	0.000	08:34
Control Test	0.196	08:35
Air Blank	0.000	08:35
Control Test	0.197	08:36
Air Blank	0.000	08:36
Control Test Stats		
Average	0.1960	
Std Dev	0.0010	
Rel Std Dev(%)	0.5102	

Operator's Signature

DGS 0.08g/210L

0.077 to 0.083 ✓

FISH & WILDLIFE CC
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000906
03/18/2021
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	08:44
Control Test	0.079	08:44
Air Blank	0.000	08:45
Control Test	0.080	08:45
Air Blank	0.000	08:46
Control Test	0.080	08:46
Air Blank	0.000	08:47
Control Test Stats		
Average	0.0797	
Std Dev	0.0006	
Rel Std Dev(%)	0.7247	

Operator's Signature

```
ISH & WILDLIFE CC
ntoxilyzer - Alcohol Analyzer
odel 8000                    SN 80-000906
3/18/2021                        06:55:25

uto Calibration
ax Power Res Value = 41
uto Range Res Value = 23

ol Value = 0.000 g/210L ***
it value = 0.0000 mg/l  %%%%
amples Taken = 4, Discarded = 1
um Io = 12983, 9um Io = 13170
    <<<<< CHANNEL 1 >>>>>
Sample        % Abs      (% Abs Ref)
ample #1 =  0.0890      (-0.0360)
ample #2 =  0.0840      (-0.0070)
ample #3 =  0.1060      (0.0190)
ample #4 =  0.1250      (0.0230)
vg % Abs = 0.1050  (0.0117)
TD DEV =  0.0205  (0.0163)
EL STD DEV = 19.541  (139.620)
    -------------------

    <<<<< CHANNEL 2 >>>>>
Sample        % Abs      (% Abs Ref)
ample #1 =  0.1430      (-0.0120)
ample #2 =  0.1320      (0.0190)
ample #3 =  0.1890      (0.0130)
ample #4 =  0.1410      (0.0350)
vg % Abs = 0.1540  (0.0223)
TD DEV =  0.0306  (0.0114)
EL STD DEV = 19.898  (50.922)
    -------------------

ol Value = 0.040 g/210L ***
it value = 0.1905 mg/l  %%%%
amples Taken = 4, Discarded = 1
um Io = 12969, 9um Io = 13158
    <<<<< CHANNEL 1 >>>>>
Sample        % Abs      (% Abs Ref)
ample #1 =  0.7680      (-0.0360)
ample #2 =  0.7690      (0.0060)
ample #3 =  0.7720      (0.0220)
ample #4 =  0.7570      (0.0370)
vg % Abs = 0.7660  (0.0217)
TD DEV =  0.0079  (0.0155)
EL STD DEV = 1.036  (71.551)
```

```
    <<<<< CHANNEL 2 >>>>>
Sample        % Abs      (% Abs Ref)
Sample #1 =  1.5450      (-0.0440)
Sample #2 =  1.5410      (-0.0140)
Sample #3 =  1.5530      (-0.0180)
Sample #4 =  1.5300      (0.0150)
Avg % Abs = 1.5413  (-0.0057)
STD DEV =  0.0115  (0.0180)
REL STD DEV = 0.746  (317.810)
    -------------------

Sol Value = 0.100 g/210L ***
Fit value = 0.4762 mg/l  %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12960, 9um Io = 13156
    <<<<< CHANNEL 1 >>>>>
Sample        % Abs      (% Abs Ref)
Sample #1 =  1.7820      (-0.0310)
Sample #2 =  1.7630      (0.0110)
Sample #3 =  1.7410      (0.0180)
Sample #4 =  1.7230      (0.0430)
Avg % Abs = 1.7423  (0.0240)
STD DEV =  0.0200  (0.0168)
REL STD DEV = 1.150  (70.094)
    -------------------

    <<<<< CHANNEL 2 >>>>>
Sample        % Abs      (% Abs Ref)
Sample #1 =  3.5500      (-0.0140)
Sample #2 =  3.5330      (0.0260)
Sample #3 =  3.5440      (0.0380)
Sample #4 =  3.5140      (0.0550)
Avg % Abs = 3.5303  (0.0397)
STD DEV =  0.0152  (0.0146)
REL STD DEV = 0.430  (36.735)
    -------------------

Sol Value = 0.200 g/210L ***
Fit value = 0.9524 mg/l  %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12948, 9um Io = 13146
    <<<<< CHANNEL 1 >>>>>
Sample        % Abs      (% Abs Ref)
Sample #1 =  3.3910      (-0.0240)
Sample #2 =  3.3740      (0.0080)
Sample #3 =  3.3900      (0.0280)
Sample #4 =  3.3700      (0.0350)
Avg % Abs = 3.3780  (0.0237)
STD DEV =  0.0106  (0.0140)
REL STD DEV = 0.313  (59.205)
    -------------------
```

```
    <<<<< CHANNEL 2 >>>>>
Sample        % Abs      (% Abs Ref)
Sample #1 =  6.7720      (0.0000)
Sample #2 =  6.7330      (0.0540)
Sample #3 =  6.7580      (0.0470)
Sample #4 =  6.7250      (0.0620)
Avg % Abs = 6.7387  (0.0543)
STD DEV =  0.0172  (0.0075)
REL STD DEV = 0.255  (13.814)
    -------------------

Sol Value = 0.300 g/210L ***
Fit value = 1.4286 mg/l  %%%%
Samples Taken = 4, Discarded = 1
3um Io = 12939, 9um Io = 13139
    <<<<< CHANNEL 1 >>>>>
Sample        % Abs      (% Abs Ref)
Sample #1 =  4.9230      (-0.0160)
Sample #2 =  4.9050      (0.0040)
Sample #3 =  4.8720      (0.0200)
Sample #4 =  4.8760      (0.0440)
Avg % Abs = 4.8843  (0.0227)
STD DEV =  0.0180  (0.0201)
REL STD DEV = 0.369  (88.822)
    -------------------

    <<<<< CHANNEL 2 >>>>>
Sample        % Abs      (% Abs Ref)
Sample #1 =  9.7840      (-0.0200)
Sample #2 =  9.7100      (0.0460)
Sample #3 =  9.6940      (0.0570)
Sample #4 =  9.7010      (0.0790)
Avg % Abs = 9.7017  (0.0607)
STD DEV =  0.0080  (0.0168)
REL STD DEV = 0.083  (27.697)
    -------------------
```

Optical Calibration
SN: 80-000906
Agency: FFWCC
Date: 3/18/2021
Quadratic Fit: +/- 0.002g/210L
By: DERR DERR

```
    ***** AUTO CAL DATA *****
    <<<<< CHANNEL 1 >>>>>
Sol Val = 0.0000 mg/l or 0.000 g/210L
 % Abs =    0.105
 Std Dev =   0.02 Rel Std Dev =  19.54
Sol Val = 0.1905 mg/l or 0.040 g/210L
 % Abs =    0.766
 Std Dev =   0.01 Rel Std Dev =   1.04
Sol Val = 0.4762 mg/l or 0.100 g/210L
 % Abs =    1.742
 Std Dev =   0.02 Rel Std Dev =   1.15
Sol Val = 0.9524 mg/l or 0.200 g/210L
 % Abs =    3.378
 Std Dev =   0.01 Rel Std Dev =   0.31
Sol Val = 1.4286 mg/l or 0.300 g/210L
 % Abs =    4.884
 Std Dev =   0.02 Rel Std Dev =   0.37
Zero Order Coef = -266.43
First Order Coef = 2788.35
Second Order Coef =  38.12
Standard Deviation =  45.995041
-------------------
    <<<<< CHANNEL 2 >>>>>
Sol Val = 0.0000 mg/l or 0.000 g/210L
 % Abs =    0.154
 Std Dev =   0.03 Rel Std Dev =  19.90
Sol Val = 0.1905 mg/l or 0.040 g/210L
 % Abs =    1.541
 Std Dev =   0.01 Rel Std Dev =   0.75
Sol Val = 0.4762 mg/l or 0.100 g/210L
 % Abs =    3.530
 Std Dev =   0.02 Rel Std Dev =   0.43
Sol Val = 0.9524 mg/l or 0.200 g/210L
 % Abs =    6.739
 Std Dev =   0.02 Rel Std Dev =   0.26
Sol Val = 1.4286 mg/l or 0.300 g/210L
 % Abs =    9.702
 Std Dev =   0.01 Rel Std Dev =   0.08
Zero Order Coef = -200.90
First Order Coef = 1344.45
Second Order Coef =  15.23
Standard Deviation =  19.784100
-------------------

-----------------------------------
| Solution Stats Quadratic Fit Chan 1 |
| Act        Fit        Residual      |
| g/210L     g/210L     g/210L        |
| 0.000      0.001      -0.0006       |
| 0.040      0.040      0.0003        |
| 0.100      0.099      0.0011        |
| 0.200      0.201      -0.0013       |
| 0.300      0.300      0.0005        |
-----------------------------------
```

```
-----------------------------------
| Solution Stats Quadratic Fit Chan 2 |
| Act        Fit        Residual      |
| g/210L     g/210L     g/210L        |
| 0.000      0.000      -0.0001       |
| 0.040      0.040      -0.0001       |
| 0.100      0.099      0.0006        |
| 0.200      0.201      -0.0005       |
| 0.300      0.300      0.0002        |
-----------------------------------

Sol Value = 0.080 g/210L ***
Fit value = 0.3810 mg/l  %%%%
Samples Taken = 4, Discarded = 1
***** CHANNEL 1
Sample #1 =  2982.00
Sample #2 =  3023.00
Sample #3 =  2989.00
Sample #4 =  2915.00
Average Result = 2975.6667
STD DEV = 55.2208
REL STD DEV = 1.856
**********
***** CHANNEL 2
Sample #1 =  3145.00
Sample #2 =  3186.00
Sample #3 =  3172.00
Sample #4 =  3147.00
Average Result = 3168.3333
STD DEV = 19.7569
REL STD DEV = 0.624
**********
Dry Gas H20 Adjust Results **********
  Barometric Pressure = 1015
  3 um H20 Adjust (mg/l*10,000) = 834
  9 um H20 Adjust (mg/l*10,000) = 641
**** AUTO CAL PASS
```

Type of Test	Serial Number	Agency	Date	Performed By
Stabilities	80-000906	Florida Fish & Wildlife Conservation Commission	3/17/2021	DERR

0.05g/210L

0.047 to 0.053 ☒

FISH & WILDLIFE CC
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000906
03/17/2021
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	07:07
Control Test	0.045	07:08
Air Blank	0.000	07:08
Control Test	0.045	07:09
Air Blank	0.000	07:10
Control Test	0.046	07:10
Air Blank	0.000	07:11
Control Test Stats		
Average	0.0453	
Std Dev	0.0006	
Rel Std Dev(%)	1.2736	

Operator's Signature

0.08g/210L

0.077 to 0.083 ☒

FISH & WILDLIFE CC
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000906
03/17/2021
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	07:14
Control Test	0.075	07:14
Air Blank	0.000	07:15
Control Test	0.076	07:16
Air Blank	0.000	07:16
Control Test	0.076	07:17
Air Blank	0.000	07:17
Control Test Stats		
Average	0.0757	
Std Dev	0.0006	
Rel Std Dev(%)	0.7630	

Operator's Signature

0.20g/210L

0.194 to 0.206 ☑

FISH & WILDLIFE CC
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000906
03/17/2021
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	07:18
Control Test	0.194	07:19
Air Blank	0.000	07:19
Control Test	0.194	07:20
Air Blank	0.000	07:21
Control Test	0.194	07:21
Air Blank	0.000	07:22
Control Test Stats		
Average	0.1940	
Std Dev	0.0000	
Rel Std Dev(%)	0.0000	

Operator's Signature

DGS 0.08g/210L

0.077 to 0.083 ☑

FISH & WILDLIFE CC
Intoxilyzer - Alcohol Analyzer
Model 8000 SN 80-000906
03/17/2021
Software: 8100.27

Test	g/210L	Time
Air Blank	0.000	07:23
Control Test	0.078	07:23
Air Blank	0.000	07:24
Control Test	0.078	07:24
Air Blank	0.000	07:24
Control Test	0.077	07:25
Air Blank	0.000	07:25
Control Test Stats		
Average	0.0777	
Std Dev	0.0006	
Rel Std Dev(%)	0.7434	

Operator's Signature