

ATTACHMENT F
UNDERGROUND STORAGE TANK INSPECTIONS

EZY 3 LOCATOR PLUS

MANUFACTURED BY: ESTABROOK'S INC. 1-877-368-7215

FINAL REPORT

DATE October 26, 2023

PBS # (NEW YORK) _____

TOTAL TANK VOL. 12000 Gallons

TANK # 1

PRODUCT VOL. 10400 Gallons

LOCATION Signature Flight

ULLAGE VOL. 1300 Gallons

22 NW Waypoint Drive

PRODUCT 1 #NAME? JET A

Roanoke, VA 24012

THE ACOUSTIC CHARACTERISTIC OF A LEAK REVEALS:

X

TIGHT TANK

THIS UNDERGROUND STORAGE TANK PASSES THE CRITERIA SET FORTH BY THE U.S. EPA.

ULLAGE (DRY) PORTION LEAK

THIS UNDERGROUND STORAGE TANK FAILS THE CRITERIA SET FORTH BY THE U.S. EPA.

BELOW PRODUCT LEVEL (WET) PORTION LEAK

THIS UNDERGROUND STORAGE TANK FAILS THE CRITERIA SET FORTH BY THE U.S. EPA.

WATER SENSOR INDICATES:

(CHECK ONLY ONE)

NO WATER INTRUSION

X

WATER INTRUSION

NOT APPLICABLE

Operator Information:

Print Name

Rick Trogon

Certification #

139374

Sign Name

Rick Trogon

Expiration Date

1/1/2024

Testing Firm

S J Conner & Sons, Inc.

Telephone #

540 798-9302/540 819-3246

Address

1639 Seibel Drive NE

Roanoke, Va 24012

EZY 3 LOCATOR PLUS PRESSURE CALCULATION & WATER SENSOR CALIBRATION

MANUFACTURED BY: ESTABROOK'S INC. 1-877-368-7215

DATA SHEET

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LOCATION Signature Flight

ULLAGE VOL. 1300 Gallons

22 NW Waypoint Drive

PRODUCT TYPE JET A

Roanoke, VA 24012

PRESSURE SENSOR CALCULATION

| | | | | | |
|------------------------------------------------------------|---|-------------------|---|--------------|------------|
| <u>78.3</u> | X | <u>0.031</u> | = | <u>2.426</u> | PSI (1) |
| INCHES OF PRODUCT | | WEIGHT OF PRODUCT | | | |
| <u>0.0</u> | X | <u>.036</u> | = | <u>0.000</u> | PSI (2) |
| INCHES OF WATER IN TANK | | | | | |
| Line 1 + Line 2 = Total Positive Head Pressure In Tank | | | = | <u>2.426</u> | PSI (3) |
| <u>0.0</u> | X | <u>.036</u> | = | <u>0.000</u> | PSI (4) |
| INCHES OF WATER OUTSIDE TANK | | | | | |
| Total Head Pressure Minus Outside Water Pressure | | | = | <u>2.426</u> | +/-PSI (5) |
| Always add .5 PSI | | | + | <u>0.500</u> | PSI (6) |
| NOTE: If Line 6 is Less Than .5 PSI Line 7 Shall be .5 PSI | | | | | |
| TEST PRESSURE | | | = | <u>2.926</u> | +/-PSI (7) |

ACOUSTIC TEST TIME

| | TIME | PRESSURE |
|------------------------|----------------|--------------|
| Blower Started: | <u>3:00 PM</u> | _____ |
| Test Pressure Reached: | <u>3:15 PM</u> | <u>2.900</u> |
| Blower Turned Off: | <u>3:30 PM</u> | <u>2.900</u> |
| Test Began: | <u>3:45 PM</u> | <u>2.900</u> |
| Test Ended: | <u>4:00 PM</u> | <u>2.9</u> |

Depth of Groundwater Determined:

By: Stick

Where: Beside Tank

WATER SENSOR CALIBRATION

Added: NA Cal #1 NA Cal #2 NA Cal #3

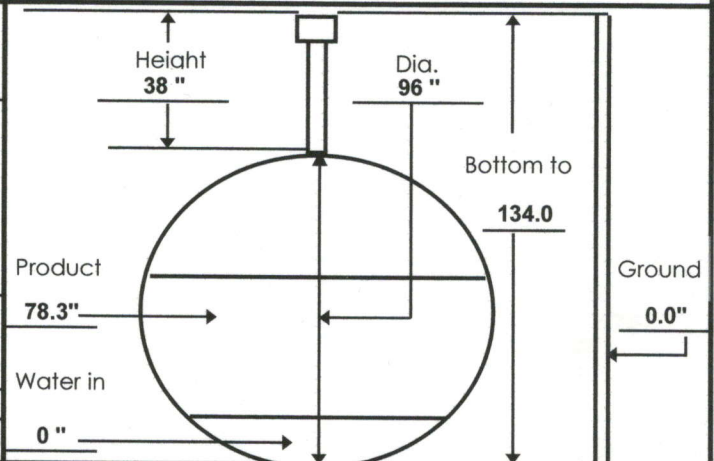
Average: NA

Calculation for Test Period:

NA ÷ 3780 = NA "A" Factor
NA .05 x 60 = NA Time of Test

WATER INTRUSION TEST PERIOD

Began: _____
 Ended: _____



EZY 3 LOCATOR PLUS

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FINAL REPORT

DATE October 26, 2023

PBS # (NEW YORK) _____

TOTAL TANK VOL. 12000 Gallons

TANK # 4

PRODUCT VOL. 3448 Gallons

LOCATION Signature Flight

ULLAGE VOL. 7950 Gallons

22 NW Waypoint Drive

PRODUCT TYPE AV-GAS

Roanoke, VA 24012

THE ACOUSTIC CHARACTERISTIC OF A LEAK REVEALS:

X

TIGHT TANK

THIS UNDERGROUND STORAGE TANK PASSES THE CRITERIA SET FORTH BY THE U.S. EPA.

ULLAGE (DRY) PORTION LEAK

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BELOW PRODUCT LEVEL (WET) PORTION LEAK

THIS UNDERGROUND STORAGE TANK FAILS THE CRITERIA SET FORTH BY THE U.S. EPA.

WATER SENSOR INDICATES:

(CHECK ONLY ONE)

NO WATER INTRUSION

X

WATER INTRUSION

NOT APPLICABLE

Operator Information:

Print Name

Rick Trogdon

Certification #

139374

Sign Name

Rick Trogdon

Expiration Date

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TANK # 4

PRODUCT VOL. 3448 Gallons

LOCATION Signature Flight

ULLAGE VOL. 7950 Gallons

22 NW Waypoint Drive

PRODUCT TYPE AV-GAS

Roanoke, VA 24012

PRESSURE SENSOR CALCULATION

| | | | | | |
|------------------------------------------------------------|---|-------------------|---|--------------|------------|
| <u>31.7</u> | X | <u>0.031</u> | = | <u>0.981</u> | PSI (1) |
| INCHES OF PRODUCT | | WEIGHT OF PRODUCT | | | |
| <u>0.0</u> | X | <u>.036</u> | = | <u>0.000</u> | PSI (2) |
| INCHES OF WATER IN TANK | | | | | |
| Line 1 + Line 2 = Total Positive Head Pressure In Tank | | | = | <u>0.981</u> | PSI (3) |
| <u>0.0</u> | X | <u>.036</u> | = | <u>0.000</u> | PSI (4) |
| INCHES OF WATER OUTSIDE TANK | | | | | |
| Total Head Pressure Minus Outside Water Pressure | | | = | <u>0.981</u> | +/-PSI (5) |
| Always add .5 PSI | | | + | <u>0.500</u> | PSI (6) |
| NOTE: If Line 6 is Less Than .5 PSI Line 7 Shall be .5 PSI | | | | | |
| TEST PRESSURE | | | = | <u>1.481</u> | +/-PSI (7) |

ACOUSTIC TEST TIME

| | TIME | PRESSURE |
|------------------------|----------------|--------------|
| Blower Started: | <u>3:00 PM</u> | _____ |
| Test Pressure Reached: | <u>3:15 PM</u> | <u>1.500</u> |
| Blower Turned Off: | <u>3:30 PM</u> | <u>1.500</u> |
| Test Began: | <u>3:45 PM</u> | <u>1.500</u> |
| Test Ended: | <u>4:00 PM</u> | <u>1.5</u> |

Depth of Groundwater Determined:

By: Stick

Where: Beside Tank

WATER SENSOR CALIBRATION

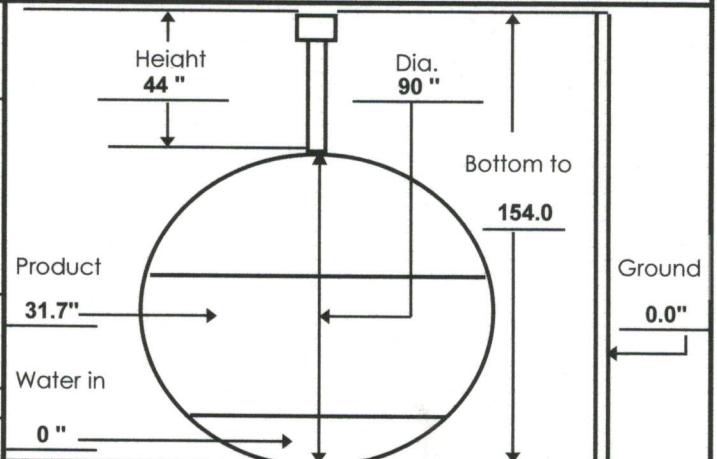
Added: NA Cal #1 NA Cal #2 NA Cal #3
 Average: NA

Calculation for Test Period:

NA ÷ 3780 = NA "A" Factor
NA .05 x 60 = NA Time of Test

WATER INTRUSION TEST PERIOD

Began: _____
 Ended: _____



C & B CONTRACTING SPECIALIST, LLC
YEARLY RECERTIFICATION
CATHODIC PROTECTION SYSTEM

| | |
|------------------------------|------------------------------------------------------------------------------|
| FACILITY: | Signature Flight Support |
| FACILITY LOCATION: | Roanoke, VA |
| TYPE OF SYSTEM: | Impressed Current |
| EQUIPMENT SUPPLIER: | UNKNOWN |
| INSTALLATION DATE: | UNKNOWN |
| INSPECTION DATE: | February 23, 2023 |
| TEST RESULTS: | Corrosion system is meeting the $-0.850v$ criteria for corrosion protection. |
| TANK READINGS: | See Attached |
| System needs to be retested: | February 2024 |

C & B Contracting Specialist, LLC has evaluated the above corrosion protection system in accordance with federal and state UST regulations. Test criteria are established by the National Association of Corrosion Engineers (NACE) Standard RP0185-95.

C & B Contracting Specialist, LLC
434-942-9098

Gregory A. Coffee – Certification: NACE ID #188028-00
VA Class A Contractor's License No. 2705166144



CATHODIC PROTECTION TEST FORM

FACILITY INFORMATION

JOB #: _____ DATE OF TEST: 2/23/2023 TIME OF TEST: 11:00AM

NAME: Signature Flight Support

ADDRESS: 22 Waypoint Dr., NW

CITY: Roanoke PHONE #: 540-588-5626

STATE: VA ZIP: 24012 CONTACT: Jacob Stewart FAX #:

CLIENT INFORMATION

NAME: Signature Flight Support

ADDRESS: 13485 Veterans Way, Suite 500

CITY: Orlando PHONE #: 407-648-7200

STATE: FL ZIP: 32827 CONTACT: FAX #:

SUMMARY OF TEST

THIS SUMMARY IS NOT COMPLETE WITHOUT THE *SITE SKETCH

RECTIFIER INFO: ILFC | HR: N/A | OUTPUT VOLTAGE: 30.8 | OUTPUT AMPS: 1.27

| TANK # | STRUCTURE CONTACT POINT | REFERENCE CELL POTENTIAL @ | | | | | | | STRUCTURE PASSED OR FAILED TO MEET THE MINIMUM NACE STANDARD OUTLINED IN RP0285-95 |
|--------|-------------------------|------------------------------------|--------------|-----------|----------------|----------------|----------------|---------------|------------------------------------------------------------------------------------|
| | | RECTIFIER ON/ or Galvanic (STI-P3) | | | RECTIFIER OFF | | | | |
| | | END (R1)* | CENTER (R2)* | END (R3)* | Inst. Off (R1) | Inst. Off (R2) | Inst. Off (R3) | FINAL VOLTAGE | |
| 1 | JF Tank | -0.985 | -1.348 | -1.231 | -0.925 | -0.912 | -0.929 | | PASSED |
| 2 | LL Tank | -1.132 | -1.403 | -1.387 | -0.978 | -0.999 | -0.981 | | PASSED |
| 3 | | | | | | | | | |
| 4 | | | | | | | | | |
| 5 | | | | | | | | | |
| 6 | | | | | | | | | |
| 7 | | | | | | | | | |
| 8 | | | | | | | | | |

REFERENCE CELL POTENTIAL @

| PIPING | STRUCTURE CONTACT POINT | RECTIFIER ON Galvanic | | RECTIFIER OFF | | | VOLTAGE DECAY | STRUCTURE PASSED OR FAILED TO MEET THE MINIMUM NACE STANDARD OUTLINED IN RP0285-95 |
|--------|-------------------------|-----------------------|-----------|----------------|----------------|---------------|---------------|------------------------------------------------------------------------------------|
| | | END (R1)* | END (R2)* | Inst. Off (R1) | Inst. Off (R2) | FINAL VOLTAGE | | |
| 1 | JF Line | -1.316 | | -0.965 | | | | PASSED |
| 2 | LL Line | -1.379 | | -0.988 | | | | PASSED |
| 3 | | | | | | | | |
| 4 | | | | | | | | |
| 5 | All product piping is | | | | | | | |
| 6 | above ground | | | | | | | |
| 7 | | | | | | | | |
| 8 | | | | | | | | |
| 9 | | | | | | | | |
| 10 | | | | | | | | |
| 11 | | | | | | | | |
| 12 | | | | | | | | |
| 13 | | | | | | | | |
| 14 | | | | | | | | |
| 15 | | | | | | | | |
| 16 | | | | | | | | |

Gregory A. Coffee

SIGNATURE OF PERSON CONDUCTING TEST

TESTER NAME: Greg Coffee

SOURCE OF CERTIFICATION: NACE

TYPE OF CERTIFICATION: CP Tester

CERTIFICATION NUMBER: 7758

FACILITY NAME: Signature Flight Support

DATE OF TEST: 2/23/2023

CONTINUITY TEST

| Tank No. | FILL RISER | TANK | STP RISER | VENT RISER | FLEX CONNECTOR | PIPING RISER | (CONTINUOUS, ISOLATED) |
|----------|------------|------|-----------|------------|----------------|--------------|------------------------|
| 1 | .000 | .000 | .000 | .000 | N/A | .000 | CONTINUOUS |
| 2 | .000 | .000 | .000 | .000 | N/A | .000 | CONTINUOUS |
| 3 | | | | | | | |
| 4 | | | | | | | |
| 5 | | | | | | | |
| 6 | | | | | | | |
| 7 | | | | | | | |
| 8 | | | | | | | |

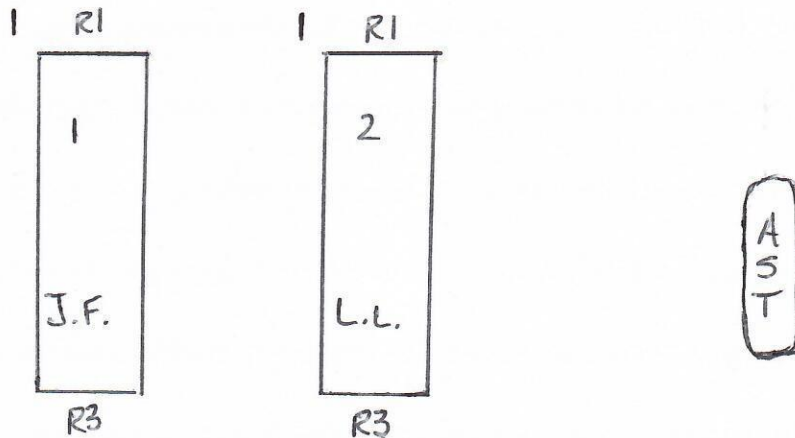
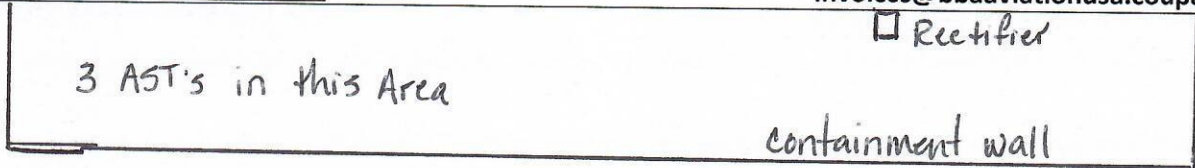
IN THE SPACE BELOW, SKETCH THE IMPORTANT PARTS OF THE FACILITY SUCH AS TANKS, MAN WAYS, VENTS, ANODES, PUMP ISLANDS AND BUILDINGS. INDICATE REFERENCE CELL LOCATIONS USING LOCATION CODE "R" AND SEQUENTIAL NUMBERS (R1, R2, AND R3).

COMMENTS

All structures are continuous to the system and pass by meeting the -850mv instant off criteria for corrosion prevention. There are 6 anodes installed and all are functioning.

jacob.stewart@signatureflight.com

invoices@bbaaviationusa.coupa.com



Rectifier Info:

Model - WSTA 40 6 CMPTW

Serial # - 98C220

DC Output - 40 volts

5 amps

Tap Settings - Fine - 3

Coarse - C

J.F. - Jet Fuel

L.L. - Low Lead

I I - Vents