Test Number 0496-DIESEL

STATEWIDE COMPLIANCE SERVICES,INC.

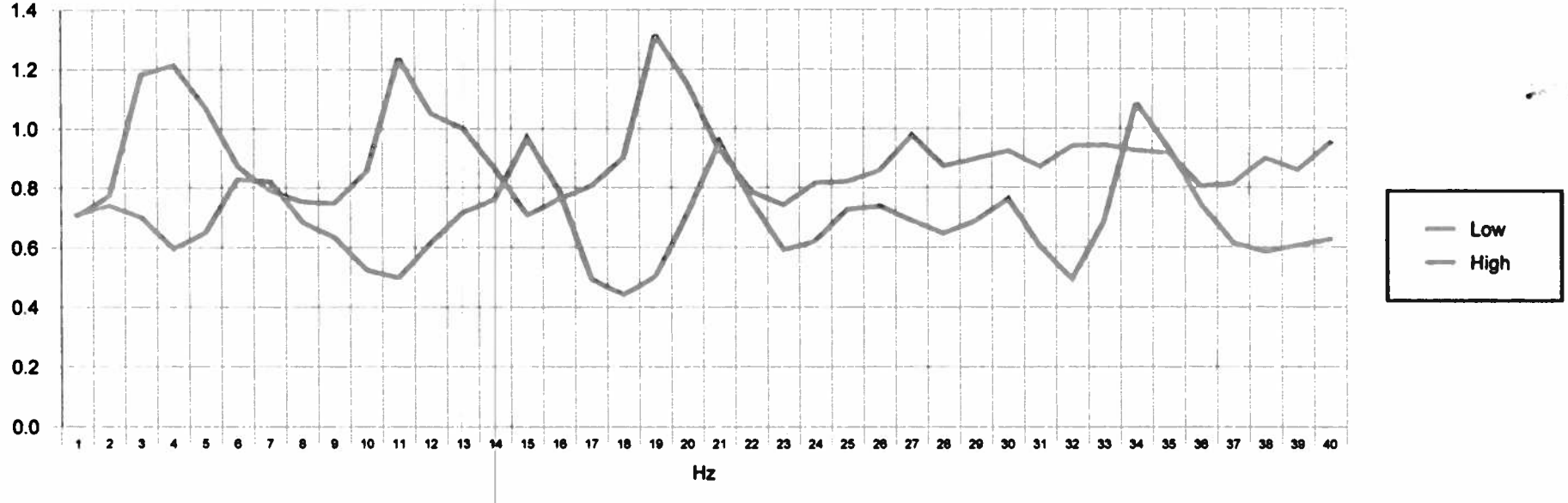
PLOT OF DIGITAL TANK TEST DATA

CARNEGIE TRAVEL STOP
532 N. CARNEGIE
CARNEGIE, OK 73015
FAC. ID# 0805420

3,000 DIESEL Tank (Steel)

Water level: 0", Fuel level: 4.5"

Amplitude Ratios: Low Band (12.0 kHz) , High Band (24.0 kHz)



Low Band Ratio = 0.000390 / 0.000437 = 0.892 High Band Ratio = 0.000115 / 0.000171 = 0.673 Threshold = 1.5

Test Result = Pass

Date and Time of Test: 10/02/2014 13:16

Test Vacuum was -60" of Water

Test Number 0496-DIESEL

STATEWIDE COMPLIANCE SERVICES,INC.

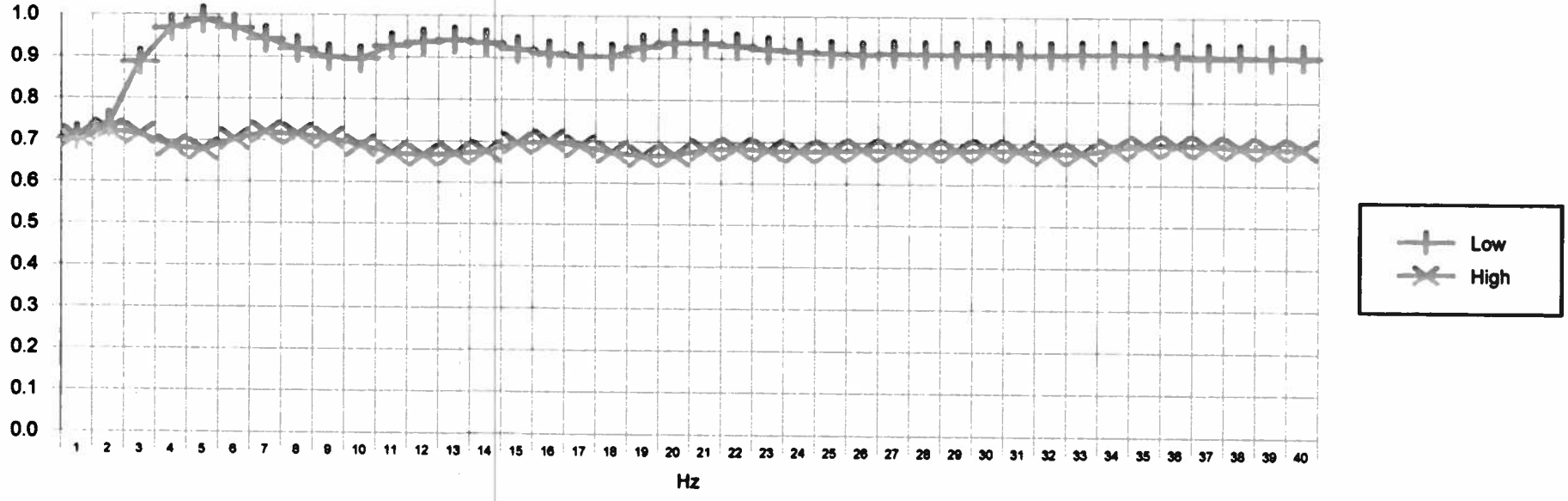
PLOT OF DIGITAL TANK TEST DATA

CARNEGIE TRAVEL STOP
532 N. CARNEGIE
CARNEGIE, OK 73015
FAC. ID# 0805420

3,000 DIESEL Tank (Steel)

Water level: 0", Fuel level: 4.5"

Amplitude Ratios: Low Band (12.0 kHz) , High Band (24.0 kHz) (MOVING AVERAGES)



Low Band Ratio = 0.000390 / 0.000437 = 0.892 High Band Ratio = 0.000115 / 0.000171 = 0.673 Threshold = 1.5

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Date and Time of Test: 10/02/2014 13:16

Test Vacuum was -60" of Water

MESA 2-D Tank Test

Statewide Compliance Services

Job No: 0496 | Customer: CARNEGIE TRAVEL STOP

Date: 10/2/2014 | Location/Site Address: 532 N. CARNEGIE - CARNEGIE

Technician: STEVE CARITHERS | Phone: 405-590-5782

Lic./Cert.#: M/NJ119 | Facility ID: 0805420 | Province: OK

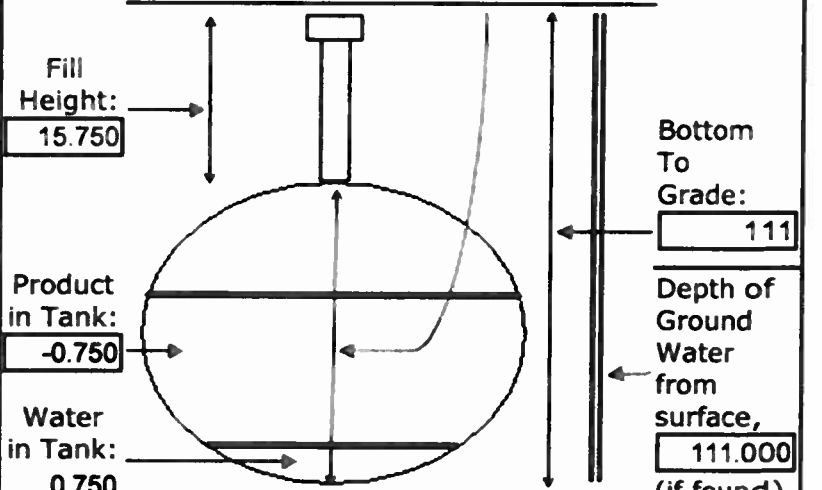
General Tank Information

Underground Storage Tank — Steel

Tank# 2	Location WEST TANK	Retest? No	Isolated? Yes

Product: Regular	
Start Total Liquid:	0.000
Start Water (in.):	0.750
Start Fuel (in.):	-0.750
Prod. specific gravity:	0.7370
Tank bottom to grade:	111
Minimum depth of sample required to test ground water (includes 2 in. add'l)	112.803

Capacity: 4,000 gal. Diameter: 96 inches



Pressure Sensor Calculation (Tank #2)

Depth of Groundwater from Grade: 111.000

Inches of Water Outside Tank: 0.000

Depth of Groundwater Determined:
by: HAND AUGER
where: S. PIT

60.000 Normal Pressure

Pressure Adjustment

Test Pressure: 60.000 **Inches of Water Column**

Water Sensor Calibration (Tank #2)

Added: Calibration #1	Calibration #2	Calibration #3	Average:
Average ÷ 3780= "A" factor:		÷ 0.05	= Time of Test:
Water Test Intrusion Period	Test Began:		Test Ended:

Mesa 2-D Test Results (Tank #2)

Sonde Serial # SB0042		Calibration Test: Pass
Vacuum Pressure Start: 60		Vacuum Pressure Finish: 60
Vacuum Start Time: 1345	Vacuum Finish Time: 1400	Total Vacuum Time: 15
MESA 2-D Result: Pass		
End Total Liquid: 0.000	End Water: 0.750	End Fuel: -0.750

Test Number 0496-UL

STATEWIDE COMPLIANCE SERVICES,INC.

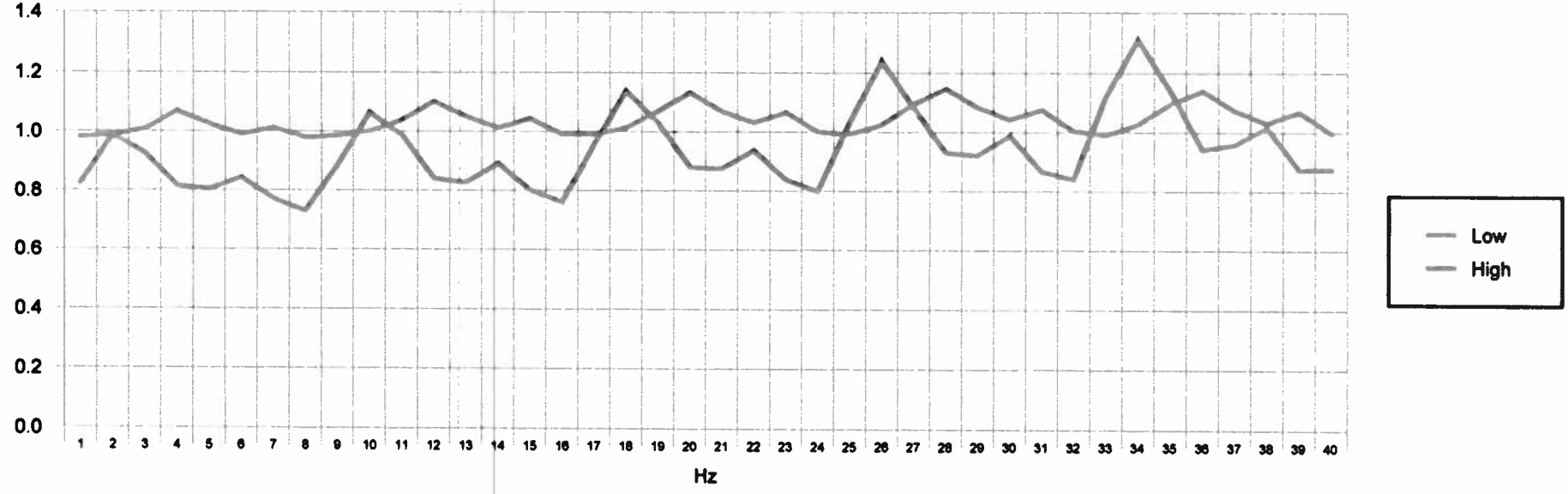
PLOT OF DIGITAL TANK TEST DATA

CARNEGIE TRAVEL STOP
532 N. CARNEGIE
CARNEGIE, OK 73015
FAC. ID# 0805420

4,000 UL Tank (Steel)

Water level: .75", Fuel level: 0"

Amplitude Ratios: Low Band (12.0 kHz) , High Band (24.0 kHz)



Low Band Ratio = 0.000535 / 0.000515 = 1.039 High Band Ratio = 0.000136 / 0.000147 = 0.925 Threshold = 1.5

Test Result = Pass

Date and Time of Test: 10/02/2014 14:00

Test Vacuum was -60" of Water

Test Number 0496-UL

STATEWIDE COMPLIANCE SERVICES,INC.

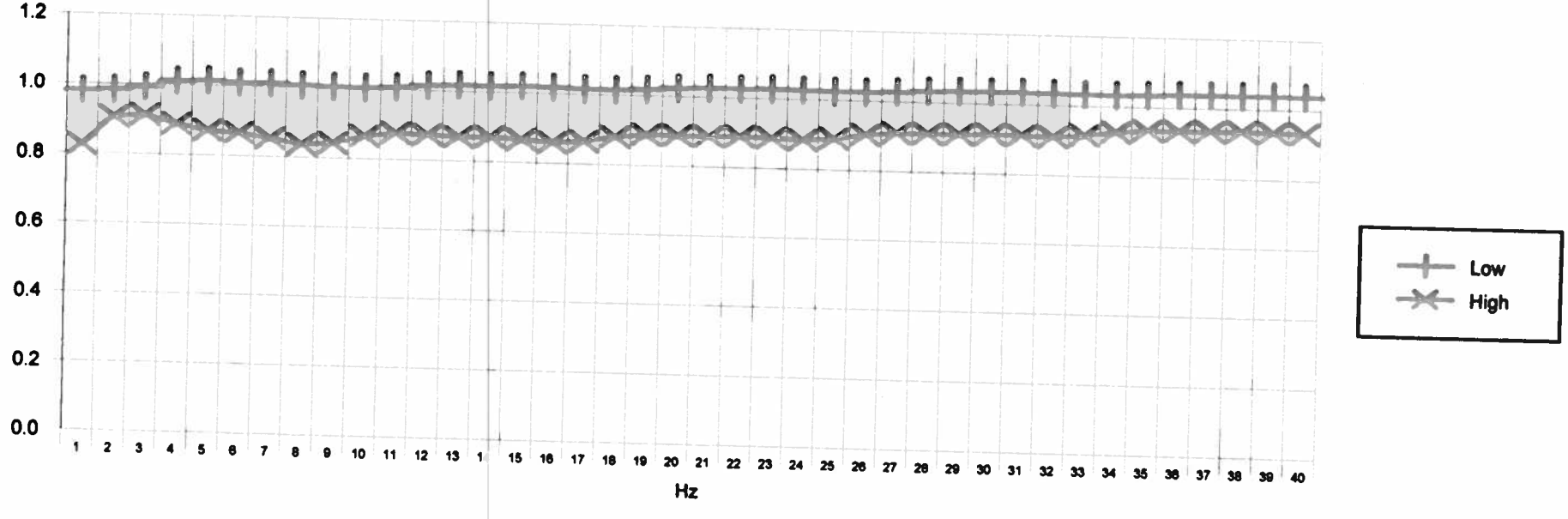
PLOT OF DIGITAL TANK TEST DATA

CARNEGIE TRAVEL STOP
532 N. CARNEGIE
CARNEGIE, OK 73015
FAC. ID# 0805420

4000 UL Tank (Steel)

Water level: .75", Fuel level: 0"

Amplitude Ratios: Low Band (12.0 kHz) , High Band (24.0 kHz) (MOVING AVERAGES)



Low Band Ratio = 0.000535 / 0.000515 = 1.039 High Band Ratio = 0.000136 / 0.000147 = 0.925 Threshold = 1.5

Test Result = Pass

Date and Time of Test: 10/02/2014 14:00

Test Vacuum was -60" of Water

OKLAHOMA CORPORATION COMMISSION-PETROLEUM STORAGE TANK DIVISION
P. O. Box 52000, Oklahoma City, OK 73152-2000
(405) 521-4683

CATHODIC PROTECTION SYSTEM SURVEY

10-2-14	Carnegie Travel Stop	0805420
DATE TEST COMPLETED	FACILITY NAME	OCC FACILITY ID NUMBER
532 N Carnegie	Carnegie	JEFF STEWART
FACILITY ADDRESS	CITY/ZIP	TESTER'S NAME
STATEWIDE COMPLIANCE	P.O. BOX 414	MUSTANG, OK. 73064
TESTING COMPANY NAME	TESTING COMPANY ADDRESS	CITY/STATE/ZIP
405-590-5782	STI # CP-141480	
TESTING COMPANY PHONE	TESTER'S CREDENTIALS (NACE, Steel Tank Institute, or Other Course certification/license number	

REASON FOR TEST:

- ☐ Within 6 months of New or Replaced Installation - Installation date: _____
- ■ As required every 3 years after Installation – Date of Prior CP Survey certification: 9-19-12
- ☐ Within 6 months of Repairs – Date repairs completed and describe: _____

Industry standards used to complete adequate design and/or verify CP system properly working:

☐ STI R892 ☐ STI R972 ☐ STI R051 ☐ ASTM G158 ☐ ASTM G57 ☐ NACE RP 0169 ■ NACE RP 0285 ☐ Other _____

TYPE OF CATHODIC PROTECTION SYSTEM: ■ IMPRESSED CURRENT ☐ SACRIFICIAL

☐ 100 mV Polarization Decay ■ -850 mV Potential Test ☐ Polarized Potential ("Instant Off")

Are all CP system components working according to standards and Facility system design? ■ YES ☐ NO
Is the current CP design available at the facility? ■ YES ☐ NO
Are the 60 day readings for last 12 months at facility? ☐ YES ■ NO

IMPRESSED CURRENT RECTIFIER DATA: AMPS 3.1 **VOLTS** 16 **HOURS** 4254
(If Not Equipped-enter N/E; If Not Working-enter N/W; Enter reading only if meter is present)

IMPRESSED CURRENT SYSTEMS MUST MAINTAIN ELECTRIC POWER AT ALL TIMES
PLEASE READ BELOW AND COMPLETE FORM AS REQUESTED

When performing the 100 mV Polarization Decay test method, indicate the period of time allowed before recording the base polarized "off" potentials. Record both the immediate "off" potential (after allowing the IR drop component to dissipate), and the decay potential at each test point ON THE SITE MAP submitted with this report. Due to varying site conditions, such as soil moisture, temperature, and other outside influences, a new base "off" potential must be determined during each testing period. Describe the Polarization Decay Period: _____

When performing the "Instant Off" test method, be certain that the IR drop component has dissipated before recording the Polarized Potential. At each test point ON THE SITE MAP submitted with this report, record both the "on" and "instant off" voltage readings.

All potentials must be recorded for BOTH tanks and piping (regardless of material of construction or registration information), and taken in direct contact with soil. Electrical continuity or isolation must be measured and documented ON THE SITE MAP.

For all test methods, provide a SITE MAP (include North arrow and site building) showing the location of each test point and the measured values obtained. The CP Survey must include readings for tanks, piping, and any system components that may be in contact with the soil.

My signature affirms that I have sufficient education and experience to be a cathodic protection tester; I am competent to perform the tests indicated above; the results on this form are a complete and truthful record of all testing at this location on the date shown above.

CP Tester Signature: [signature] Date: 10-2-14

NOTE TO OWNER: IF YOUR CP SYSTEM IS NOT WORKING PROPERLY, YOU MUST HAVE A CP TECHNICIAN, CP SPECIALIST OR CORROSION EXPERT INVESTIGATE AND FIX THE PROBLEM. A CP TECHNICIAN/CP SPECIALIST/CORROSION EXPERT MUST BE EITHER (1) ACCREDITED/CERTIFIED BY NACE INTERNATIONAL , OR (2) A COMPETENT REGISTERED PROFESSIONAL ENGINEER WITH CERTIFICATION OR LICENSING IN CORROSION CONTROL. YOU MUST KEEP A RECORD OF ALL CP INSTALLATION DESIGNS AND REPAIRS FOR AS LONG AS YOU OWN THE UNDERGROUND STORAGE TANK(S).

KEEP THIS REPORT & SITE MAP ON FILE FOR AT LEAST SIX YEARS
THIS FORM MUST BE FULLY COMPLETED

Back →

Statewide Compliance Services

MESA 2-D Tank Test

P.O. Box 414 Mustang, OK 405-590-5782

Job No: 0496
Customer: CARNEGIE TRAVEL STOP
Date: 10/2/2014
Location/Site Address: 532 N. CARNEGIE - CARNEGIE
Technician: STEVE CARITHERS
Phone: 405-590-5782
Lic./Cert.#: M/NJ119
Facility ID: 0805420
Province: OK

Tank Testing Results Summary

Tank Number	Capacity	Contents	MESA 2-D Test Result
1	3,000	Diesel	Pass
2	4,000	Regular	Pass

Comments:

Steve Carithers 10-2-14

MESA 2-D Tank Test

Statewide Compliance Services

Job No: 0496 | Customer: CARNEGIE TRAVEL STOP

Date: 10/2/2014 | Location/Site Address: 532 N. CARNEGIE - CARNEGIE

Technician: STEVE CARITHERS | Phone: 405-590-5782

Lic./Cert.#: M/NJ119 | Facility ID: 0805420 | Province: OK

General Tank Information

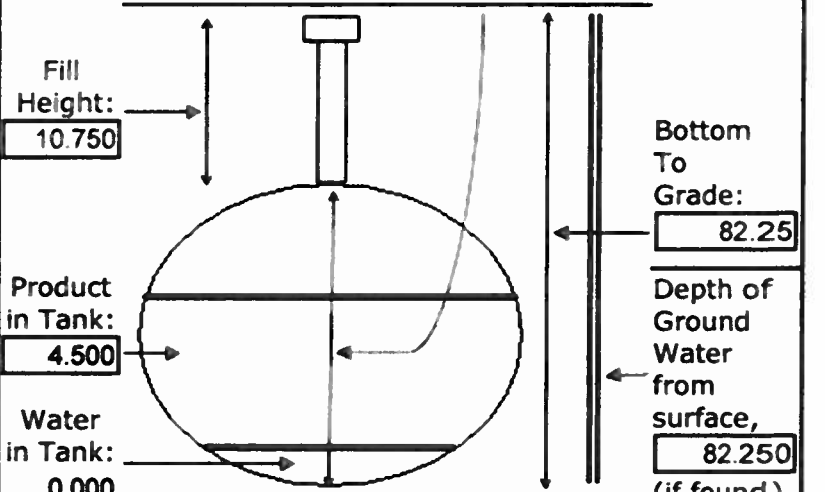
Underground Storage Tank — Steel

Tank# 1	Location EAST TANK	Retest? No	Isolated? Yes

Product: Diesel

Capacity: 3,000 gal. Diameter: 64 inches

Start Total Liquid:	4.500
Start Water (in.):	0.000
Start Fuel (in.):	4.500
Prod. specific gravity:	0.8600
Tank bottom to grade:	82.25
Minimum depth of sample required to test ground water (includes 2 in. add'l)	80.380



Pressure Sensor Calculation (Tank #1)

Depth of Groundwater from Grade: 82.250

Depth of Groundwater Determined:

by: HAND AUGER

Inches of Water Outside Tank: 0.000

where: S. PIT

60.000 Normal Pressure

Test Pressure: 60.000 **Inches of Water Column**

Water Sensor Calibration (Tank #1)

Added: Calibration #1	Calibration #2	Calibration #3	Average:
Average ÷ 3780= "A" factor:		÷ 0.05	= Time of Test:
Water Test Intrusion Period	Test Began:		Test Ended:

Mesa 2-D Test Results (Tank #1)

Sonde Serial # SB0042		Calibration Test: Pass
Vacuum Pressure Start: 60		Vacuum Pressure Finish: 60
Vacuum Start Time: 1301	Vacuum Finish Time: 1316	Total Vacuum Time: 15
MESA 2-D Result: Pass		
End Total Liquid: 4.500	End Water: 0.000	End Fuel: 4.500