

TANK PRESSURE CALCULATION and WATER SENSOR CALIBRATION

EZY CHEK SYSTEMS

FINAL REPORT

PC # and WO #	
NAME and FID #	FID # 2871
ADDRESS	104 E Lincolnway
CITY/STATE/ZIP	La Porte IN 46350
CONTACT	
PHONE	

DATE AND TIME	8/15/22 1100-1400
WEATHER	80 Sunny
INVOICE	COLLECT
TOTAL TANK VOL.	
PRODUCT VOL.	
ULLAGE VOL.	
PRODUCT TYPE	Regular
TANK #	1
Depth of Groundwater Determined:	5
BY:	STICK
WHERE:	MONITORING WELL - TANK BED

THE ACOUSTIC CHARACTERISTIC OF A LEAK REVEALS:

PASS	TIGHT TANK THIS UNDERGROUND STORAGE TANK PASSES / FAILS THE CRITERIA SET FORTH BY THE U.S. EPA.
PASS	ULLAGE (DRY) PORTION OF LEAK THIS UNDERGROUND STORAGE TANK PASSES / FAILS THE CRITERIA SET FORTH BY THE U.S. EPA.
PASS	BELOW PRODUCT LEVEL (WET) PORTION LEAK THIS UNDERGROUND STORAGE TANK PASSES / FAILS THE CRITERIA SET FORTH BY THE U.S. EPA.

WATER SENSOR INDICATES:

(MARK ONLY ONE)

No Water Intrusion	X
Water Intrusion	
Not Applicable	

OPERATOR INFO

Print Name	Seth Lynn	Certification #	ICC 10224553
Sign Name	Seth Lynn	Expiration Date	7/7/24
Testing Company	Midwest Tank Testing	Telephone #	800-975-1436
Address	316 W. Indiana Ave.		
City/State/Zip	Chesterton, IN 46304		

	Serial Number
IN-TANK MICROPHONE	M1904001/M2106004/M1537006
ACOUSTIC SIGNAL PROCESSOR	E1815004
PRESSURE SENSOR	40665414 and 40665314
WATER SENSOR DISPLAY	D1902350 and D1411504
WATER SENSOR PROBE	P1404102 and P1404106

Calibration Expiration Date
November-22
November-22
November-22
November-22
November-22

COMMENTS/RECOMMENDATIONS: Biocide was used with water calibration to test for water intrusion.

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EZY CHEK SYSTEMS

DATA SHEET

DATE AND TIME	8/15/22 1100-1400
WEATHER	80 Sunny
INVOICE	COLLECT
TOTAL TANK VOL.	
PRODUCT VOL.	
ULLAGE VOL.	
PRODUCT TYPE	Regular
TANK #	1
Depth of Groundwater Determined:	5
BY:	MEASURING STICK
WHERE:	MONITORING WELL - TANK BED

Test Location Information

PC # and WO #	
NAME and FID #	FID # 2871
ADDRESS	104 E Lincolnway
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TANK TIGHTNESS TEST - (TTT) PRESSURE SENSOR CALCULATION

36.00	x	0.026	=	0.936	PSI (1)
INCHES OF PRODUCT		WEIGHT OF PRODUCT			
0.00	x	.036	=	0.000	PSI (2)
INCHES OF WATER IN TANK					
Line 1 + Line 2 = Total Positive Head Pressure In Tank			=	0.936	PSI (3)
5.00	x	.036	=	0.180	PSI (4)
INCHES OF WATER OUTSIDE TANK					
Total Head Pressure Minus Outside Water Pressure			=	0.756	+/- PSI (5)
Always add .5 PSI			+	0.500	PSI (6)
NOTE: If Line 6 is Less Than .5 PSI Line 7 Shall be .5 PSI					
TEST PRESSURE			=	1.256	+/- PSI (7)

ACOUSTIC TEST TIME

	Time	Pressure
Baseline Background:	12:30 PM	0.0
Blower Started:	12:45 PM	0.0
Test Pressure Reached:	1:14 PM	1.256
Blower Turned Off:	1:20 PM	1.420
Test Began:	1:21 PM	1.395
Test Ended:	1:42 PM	1.291

EQUIPMENT CALIBRATION DUE DATE AND SERIAL NUMBERS

	Serial Number	Calibration Due Date
In-Tank Microphone	M1904001/M2106004/M1537006	November-22
Acoustic Signal Processor	E1815004	November-22
Pressure Sensor	40665414 and 40665314	November-22
Water Sensor Display	D1902350 and D1411504	November-22
Water Sensor Probe	P1404102 and P1404106	November-22

WATER SENSOR CALIBRATION

Added:	50	50	50
	Cal #1	Cal #2	Cal #3
Average:	50		
Calculation for Test Period:			
50 ÷ 3780 = 0.013 ÷ .05 = 0.265 x 60 = 16 minutes			
Avg. Cal.	"A" Factor		Time of Test

Water Intrusion Test Period:

Began:	1:21 PM
Ended:	1:42 PM

