



### VAPOR TIGHTNESS TEST

Note: Test Results are Valid for (1) One Year from Date of Test!

Vessel Name: Kirby 28184 Test Date: 3-28-24  
 Testing Location: Wepher fleet Maximum Load Rate: (BPH) 5000  
 Tanks Tested: All Pressure Indicator: Certified gauge

### TEST RESULTS

Test Duration: 30 Minutes Beginning Pressure: 28 Inches H2O  
 Ending Pressure: 28 Inches H2O  
 Total Pressure Loss: 0 Inches H2O  
 Allowable Pressure Loss: 2.37 Inches H2O

**Barge is Vapor Tight if "Total Pressure Loss" is LESS than "Allowable Pressure Loss"**  
 This vessel has been tested in accordance with Section 61.304F and has been found to be vapor tight.

Kon Butcher  
 Tester: (Print)

Bratt Graham  
 Witness: (Print)

Kon Butcher  
 Tester: (Signature)

Bratt Graham  
 Witness: (Signature)

RMS Mahone  
 Affiliation of Witness:

- |   |                                      |
|---|--------------------------------------|
| (P1) - Beginning Pressure                   | (P2) - Ending Pressure               |
| (Delta P) - Total Pressure Loss             | (Delta PM) - Allowable Pressure Loss |
| (TP) - 14.7 plus Barge Test Pressure in PSI | (L) - Maximum Load Rate in BPH       |
| (V) - Volume of Tank (s)                    | (Delta T) = Test Duration            |
| .861 - PIA @ (P1)                           |                                      |

$$.861 \times \frac{15.7}{(TP)} \times \left( \frac{5000}{(L)} \mid \frac{28500}{(V)} \right) = \frac{2.37}{(\text{Delta PM})}$$