KIRBY INLAND MARINE, LP
MAINTENANCE DEPARTMENT
16402 ½ De Zavala
CHANNELVIEW, TEXAS 77530

OFFICE: (713) 435-1700 FAX (713) 435-1750

VAPOR TIGHTNESS TEST

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

Vessel Name: KIRBY 20004 Test Date: 10-06-2017

Testing Location: SUSY-CHANNELVIEW Maximum Load Rate: (BPH) 5.000

Tanks Tested: ALL CARGO TANKS Pressure Indicator: CERT. GAUGE

TEST RESULTS

Test Duration: 30 Minutes

Beginning Pressure:	28"	Inches H20
Ending Pressure:	27.5	Inches H20
Total Pressure Loss:	.5	Inches H20
Allowable Pressure Loss:	3.2	Inches H20

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.

FRANCISCO MANJARREZ — Tester: (Print)

SERGIO IBARRA — Witness: (Print)

Francisco Manjarrez — Tester: (Signature)

Witness: (Signature)

KIRBY — 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 x 15.7 (TP) x (5000 (L) / 20750 (V)) = 3.2 (Delta PM)