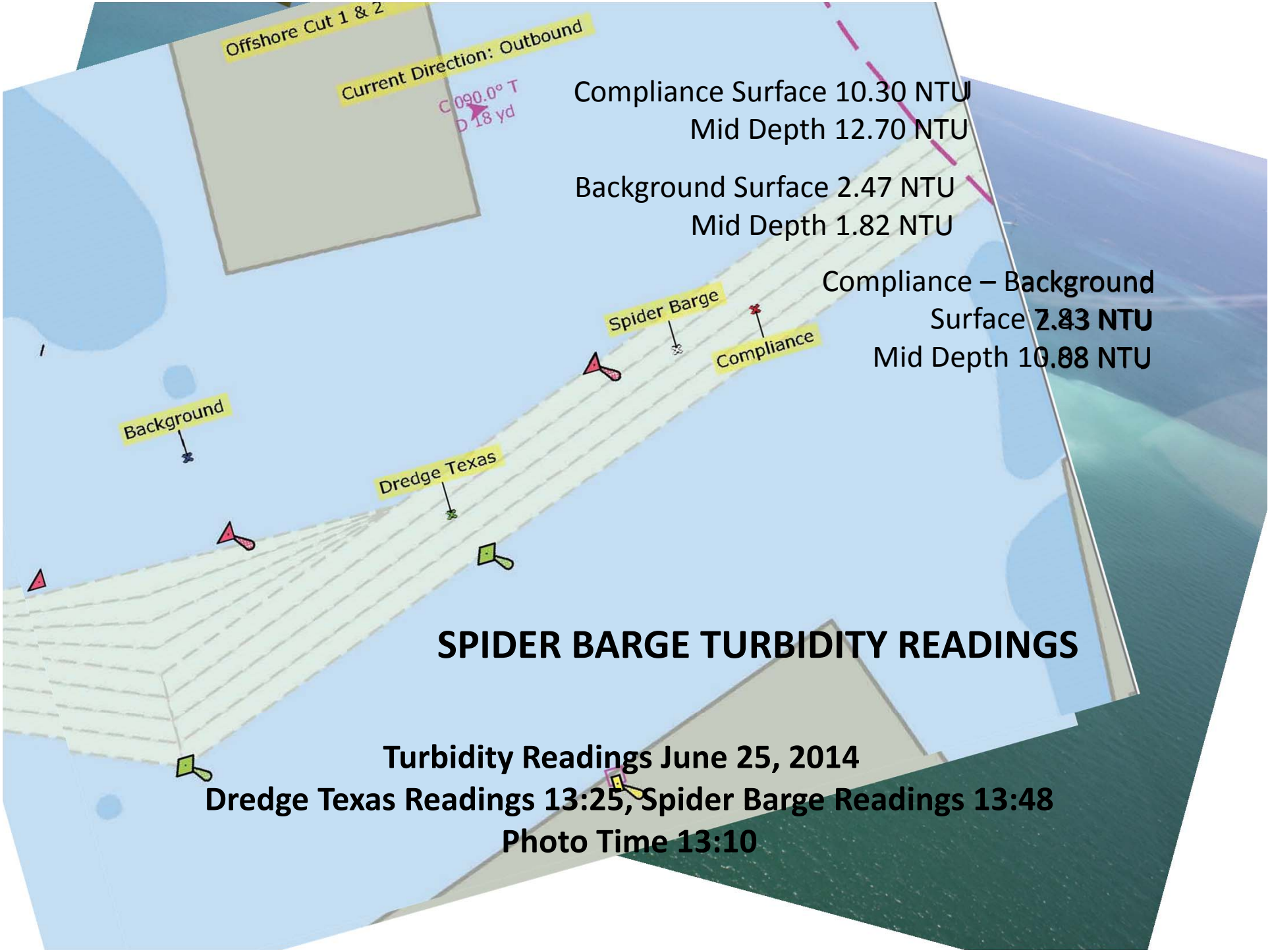
DREDGE TEXAS
PUMP BARGE
SPIDER BARGE
LEAKING SEDIMENT
HOPPER BARGE



Compliance Surface 10.30 NTU
Mid Depth 12.70 NTU

Background Surface 2.47 NTU
Mid Depth 1.82 NTU

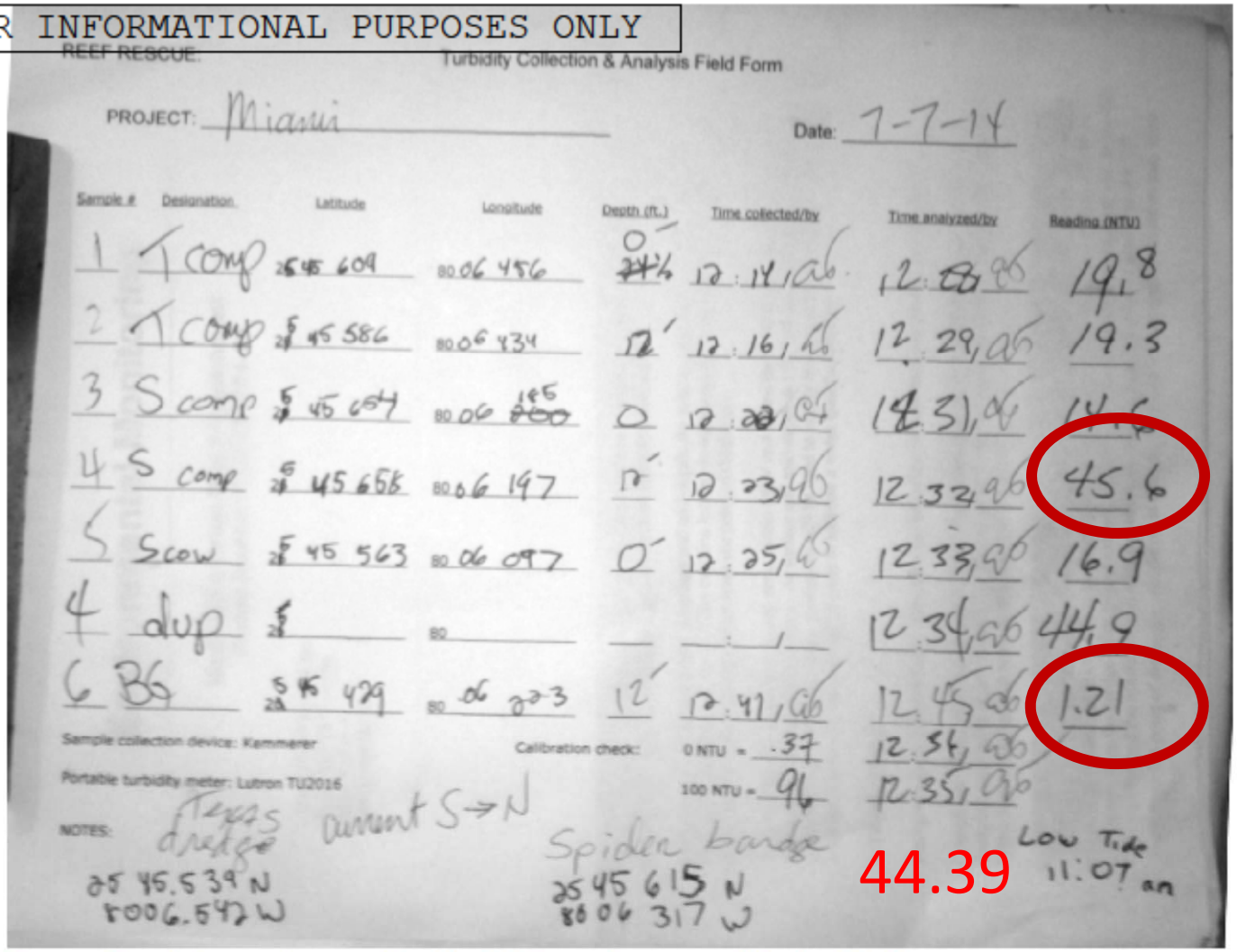
Compliance – Background
Surface 7.83 NTU
Mid Depth 10.88 NTU

SPIDER BARGE TURBIDITY READINGS

Turbidity Readings June 25, 2014
Dredge Texas Readings 13:25, Spider Barge Readings 13:48
Photo Time 13:10

JULY 7, 2014 12:10 PM

FOR INFORMATIONAL PURPOSES ONLY



REEF RESCUE:

Turbidity Collection & Analysis Field Form

PROJECT: Miami

Date: 7-7-14

Sample #	Designation	Latitude	Longitude	Depth (ft.)	Time collected/by	Time analyzed/by	Reading (NTU)
1	T comp	25 45 609	80 06 456	0' ~~24½~~	12:14, 96	12:28, 96	19.8
2	T comp	25 45 586	80 06 434	12'	12:16, 96	12:29, 96	19.3
3	S comp	25 45 654	80 06 ~~200~~ 185	0	12:22, 96	12:31, 96	14.6
4	S comp	25 45 658	80 06 197	12'	12:23, 96	12:32, 96	45.6
5	S cow	25 45 563	80 06 097	0'	12:25, 96	12:33, 96	16.9
4	dup	25	80		: /	12:34, 96	44.9
6	BG	25 45 429	80 06 223	12'	12:41, 96	12:45, 96	1.21

Sample collection device: Kemmerer

Calibration check: 0 NTU = .37 12:36, 96

Portable turbidity meter: Lutron TU2016

100 NTU = 96 12:35, 96

NOTES: Texas dredge current S→N

25 45.539 N
8006.542 W

Spider barge
25 45 615 N
80 06 317 W

44.39

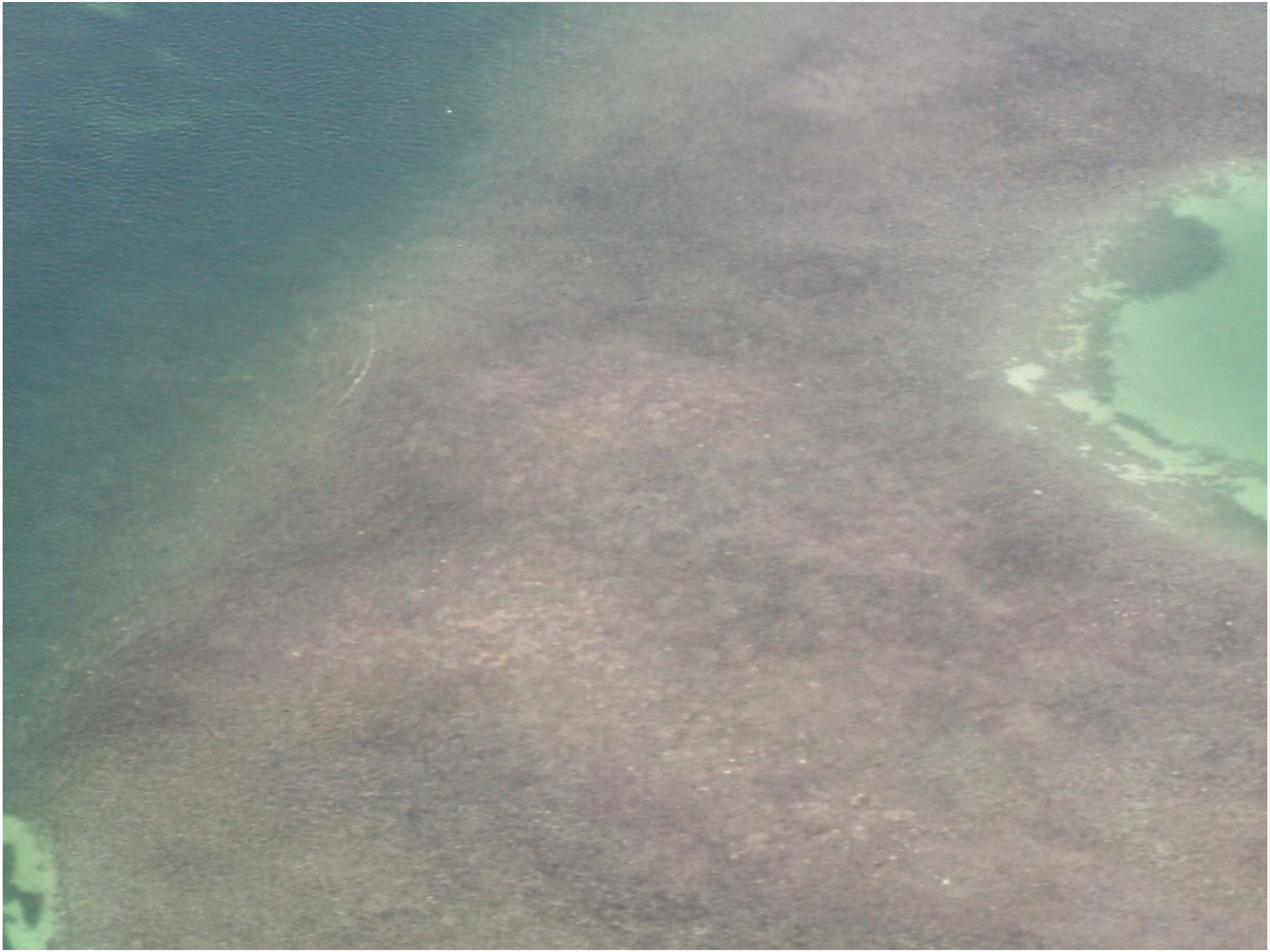
Low Tide 11:07 am

T comp = Texas dredge compliance sample, collected 190 meters down current. Water depth 24.5 ft.
S comp = Spider barge compliance sample, collected 215 meters down current. Water depth 24.5 ft.
BG = background sample collected 395 meters SSE of Spider barge.
dup = duplicate measurement.
Lat./Long. and water depth supplied by boat captain.

SEA FOX
YAMAHA

GREAT LAKES DREDGE & DOCK COMPANY
SEAFOX

2 Week Running Average NTU Tests June July 2014						
TEXAS			**SPIDER**			
surface	**mid-depth**	**average**	**surface**	**mid-depth**	**average**	
6.78	7.93	7.36	2.62	2.14	2.38	
7.11	12.87	9.99	5.84	6.81	6.33	
3.80	4.70	4.25	13.04	13.25	13.15	
4.91	5.83	5.37	7.51	6.36	6.94	
8.47	7.97	8.22	9.97	9.43	9.70	
2.37	1.55	1.96	2.97	2.88	2.93	
6.06	4.43	5.25	1.96	3.34	2.65	
4.05	5.58	4.82	7.01	3.29	5.15	
3.40	4.65	4.03	2.14	1.38	1.76	
0.88	3.01	1.95	1.28	11.78	6.53	
7.67	28.62	18.15	2.78	2.98	2.88	Test Day
2.34	2.37	2.36	2.43	4.28	3.36	
1.66	0.92	1.29	3.98	4.73	4.36	
2.49	2.86	2.68	1.04	2.60	1.82	
4.45	4.65	4.55	1.56	1.41	1.49	
2.78	2.07	2.43	3.30	5.00	4.15	
5.67	13.72	9.70	4.74	20.82	12.78	
2.04	4.59	3.32	0.88	4.56	2.72	
1.48	1.75	1.62	0.90	1.29	1.10	
7.65	22.02	14.84	16.01	13.02	14.52	
3.58	6.32	4.95	3.02	1.18	2.10	
		5.67			**5.18**	**Average**

JANUARY 18, 2014 8:15 AM

Safety Valve June 25, 2014