Table VIII. Compilation of UST facility and tank-level baseline audit data for 96 facility inspecti

		Number of Facilities (n_{1f})	Proportion in compliance p_{1f}	Wald LCL	Wald UCL
	Potentially Measurable Indicators				
1	C.24 No ATG: Tightness test passing results for past 5 yrs.	2	0.00		
2	E.16 Tightness tests annually+	6	0.00		
3	E.17 Passing results for each reqd. yr	6	0.00		
4	I.6 Are any well caps submerged under water	91	0.05		
5	B.21 Is system tested every 3 yrs + w/in 6 mos. of repair	7	0.14		
6	I.4 Records of GW monitoring well checks	55	0.18		
7	B.17 Records of all repairs/test results	5	0.20		
8	C.28 W/ ATG, >20 yrs: tightness test passing results, 2 yrs.	17	0.41		
9	B.25 Records of all repairs/test results	7	0.43		
10	B.11 Record rectifier readings every 60 dys/keep log	7	0.43		
11	E.22 System calibrated and inspected last yr	9	0.44		
12	B.13 Is system tested every 2 yrs + w/in 6 mos. of repair	6	0.50		
13	F.3 Inspect spill buckets daily	94	0.52		
14	E.4 Records of LLD tests for last 3 yrs.	81	0.58		
15	F.11 Sumps free of water/debris/product	81	0.60		
16	E.21 Records of system checks/repairs	10	0.60		
17	E.12 System calibrated/inspected last yr	65	0.66		
18	C.20 Monitoring system been calibrated/inspected past yr.	55	0.67		
19	E.20 Continuously use interstitial monitoring	12	0.67		
20	I.5 Well caps closed tightly and locked	92	0.67		
21	F.2 Tank have operational spill containment device	96	0.68		
22	C.14 ATG sys calibrated and inspected last yr	80	0.69		
23	E.11 Records of system checks/repairs	67	0.73		
24	I.2 Wells equipped w/road box and lock cap	91	0.74		
25	C.31 Records of inventory control	94	0.74		
26	B.16 System pass most recent test	4	0.75		
27	G.26 System inspected weekly	92	0.76		
28	G.27 Inspection records maintained	92	0.76		
29	E.7 Conducted tightness test w/in past yr	17	0.76		
30	G.24 Employee(s) attended training session	92	0.77		
31	G.25 Training documentation maintained	92	0.77		
32	C.13 Records of last 36 mos. ATG sys checks	78	0.77		
33	F.32 Inspected on a weekly basis	92	0.78		
34	C.19 Records of monthly sys checks for past 36 mos.	56	0.79		
35	F.33 Records of inspection maintained at facility	92	0.79		
36	C.10 Use ATG to conduct leak rate tests	82	0.79		
37	C.11 Recent ATG leak rate tests pass	63	0.79		
38	F.13 Sensors upright and at correct height	73	0.79		
39	F.8 Containment sump present	96	0.80		
40	C.12 Records of last 36 mos. leak test	67	0.81		
41	F.15 Sensors mounted properly	73	0.81		
42	C.30 Perform inventory control properly	91	0.81		
43	F.12 Sumps have sensors	82	0.82		
44	F.19 Qualified UST contractor check device	87	0.84		

45	I.3 Wells equipped w/ pipe not screened at top	91	0.85
46	F.34 Fills and adapter tight	92	0.86
47	C.26 W/ ATG, <20 yrs: tightness test passing results	22	0.86
48	G.14 Hoses intact	92	0.88
49	F.31 Drop tube gasket in good condition	92	0.89
50	G.17 Nozzle spouts tight	92	0.90
51	E.1 Leak detection method in place for each run	93	0.91
52	G.13 Face plates/vapor guards intact	92	0.92
53	C.7 Leak detection system operating properly	93	0.92
54	F.14 Sensors functioning properly	72	0.93
55	F.6 Fill pipes/box covers labeled/marked	96	0.94
56	E.10 Interstitial monitoring for leaks	71	0.94
57	F.39 Poppet cap/gasket in good condition	92	0.95
58	G.8 Operating instruction stickers posted	92	0.95
59	G.9 Nozzles CARB certified	92	0.95
60	F.17 Secondary piping test boot disconnected	75	0.95

Performance Trend Indicators

1	F.24 Device set to shutoff at 90% full	24	0.96
2	C.1 Have leak detection in place for each tank	89	0.97
3	D.1 Corrosion protection for piping (each tank)	93	0.97
4	C.18 Continuously use interstial monitoring for leaks	63	0.97
5	B.1 Corrosion protection for each tank	90	0.98
6	C.33 Measure water in tank once every 30 dys	94	0.98
7	F.35 Swivel/rotatble fill adapters installed	55	0.98
8	F.7 Tank equipped w/ submerged fill drop tube	96	0.98
9	G.21 10" loop or less	92	0.98
10	F.16 Boots sealed to prevent infiltration	80	0.99
11	F.18 Properly operating overfill protection	96	0.99
12	F.37 Drop tubes intact	90	0.99
13	G.20 Hoses not contacting ground	91	0.99
14	B.10 Cathodic protection system operate continuously	7	1.00
15	B.20 Cathodic protection operate continuosly	8	1.00
16	B.24 System pass most recent test	5	1.00
17	B.6 Tanks pass most recent liner inspection	1	1.00
18	C.32 Measuring equip. nearest 1/8th" over tank height	94	1.00
19	F.1 Tank fill equipped w/ spill containment	96	1.00
20	F.21 Device set for 95% full	19	1.00
21	F.22 Alarm audible/visible to delivery person	23	1.00
22	F.26 Set to restrict flow when tank 90% full	61	1.00
23	F.30 Used during all gasoline refueling	91	1.00
24	F.36 Fill pipe equipped w/ drop tube	90	1.00
25	F.38 Drop tube end w/in 6" of tank bottom	87	1.00
26	F.4 Spill bucket surrounded by impervious surface	94	1.00
27	F.43 Proper vent valve	92	1.00
28	F.5 Spill bucket capacity >=3 gal.	96	1.00
29	G.10 Hoses CARB certified	92	1.00
30	G.11 Breakaways CARB certified	92	1.00
31	G.12 Swivels CARB certified	92	1.00
32	G.15 Hose retractors intact	92	1.00
33	G.16 Nozzel check valves operating	92	1.00
34	G.18 Nozzle bellows intact	92	1.00

35	G.19 Clamps in place on bellows	92	1.00
36	G.22 Liquid removal device in hose	92	1.00

NOTE: n_{1f} = number of facilities in baseline sample; n_{1t} = number of tanks in baseline sample. For all n_{1f} cells, cou facility if one or more "Y's" or "N's" recorded. For all p_{1f} cells, counted facility as in compliance only if one or more "Y's" recorded and no "N's". "F" = "Facility" level data; performance could only be assessed at the facility level for this indicator. "D" = "Dispenser" level data, not used in tank level analysis. "Performance trend indicators" dete using hypothetical post-ERP sample size of 100 with p_2 set equal 1.00 and Fisher exact test online program availa

http://home.clara.net/sisa/fisher.htm Stage I Stage II (will be phased out) F31,40, 39, G36, F42 no longer c

ions (2004)

Number of Tanks (n_{1t})	Proportion in compliance p_{1t}	Cluster LCL	Cluster UCL
3	0.00		
13	0.00		
13	0.00		
91F	0.05F		
19	0.11		
55F	0.18F		
15	0.27		
48	0.40		
19	0.37		
21	0.43		
25	0.48		
18	0.44		
287	0.52		
240	0.60		
243	0.76		
29	0.62		
192	0.67		
145	0.66		
35	0.71		
92F	0.67F		
294	0.76		
233	0.69		
197	0.74		
91F	0.74F		
280	0.76		
14	0.71		
308D	0.77D		
308D	0.77D		
49	0.80		
92F	0.77F		
92F	0.77F		
233	0.80		
243	0.77		
151	0.78		
243	0.78		
239	0.79		
185	0.85		
214	0.86		
294	0.84		
194	0.80		
212	0.87		
273	0.84		
245	0.85		
263	0.86		

91F	0.85F
243	0.84
64	0.89
308D	0.94D
243	0.88
308D	0.95D
280	0.95
308D	0.96D
280	0.93
211	0.95
295	0.96
211	0.94
243	0.93
308D	0.93D
308D	0.97D
219	0.94

58	0.98
264	0.98
281	0.98
173	0.97
271	0.98
279	0.99
147	0.99
291	0.99
308D	0.99D
238	0.99
293	0.99
239	0.99
304D	1.00
21	1.00
20	1.00
14	1.00
2	1.00
279	1.00
294	1.00
55	1.00
66	1.00
180	1.00
240	1.00
239	1.00
231	1.00
287	1.00
243	1.00
294	1.00
308D	1.00
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