SHIFRIN & ASSOCIATES, inc.
Environmental Engineers

March 11, 2014

New York State Department of Environmental Conservation
Region 4
1150 N. Westcott Road
Schenectady, New York 12306-2014

Attn: Mr. Keith Goertz

Re: Free Product Removal
Stratus (Tenneco) - North Albany Terminal Co.("NATCO")
Green Island Terminal
Green Island, New York

Gentlemen:

As previously discussed, efforts continue to remove the residual free product from the referenced site. The presence of free product on the site preceded the purchase of the site by North Albany Terminal Co. ("NATCO") from Stratus Petroleum Co. It is our understanding that the release or spill on the site was an unknown quantity of No. 4 fuel oil.

Subsequent to the purchase of the site, NATCO closed the terminal and removed the aboveground steel tanks and associated piping. A number of subsurface investigations have been conducted, the results of which have been reported to your office. As part of these investigations, NATCO authorized the installation of a number of additional groundwater monitoring wells, which have been utilized for both gauging and sampling, as well as product removal. The locations of the monitoring and observation wells currently installed on the site are shown on Figure 1.

Product removal has been conducted by employment of a number of methods. These include the use of a local vacuum truck and, since October 2010, by employment of high vacuum extraction. A total of seventeen (17) high vacuum events have been conducted by EcoVac Services ("EcoVac") of Woodstock, Georgia. Reports presenting a description and the results of each of these events have been previously submitted to the New York State Department of Environmental Conservation, except for the most recent events, which were conducted on August 8, 2013, September 27, 2013 and January 23 and 24, 2014. Copies of the reports describing these events are attached as Exhibit I.

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In accordance with our July 1, 2013 report, five (5) additional monitoring or extraction wells were installed on the property on July 31 and August 1 and 2, 2013. The locations of these wells (MW-20 through MW-24, inclusive) are shown on Figure 1. Aquifer Drilling & Testing, Inc. of Albany, New York mobilized on the site, with a representative of this office, to install the wells. Using a truck mounted drill rig (CME-75), each bore hole was advanced using 6.25-inch I.D. hollow stem augers. No soil samples for laboratory analysis were collected. Each of the bore holes was advanced to about 30-feet below the ground surface ("bgs"). A 4-inch PVC well was installed in each bore hole using 15-feet of Schedule 40, 0.020-inch slotted screen. The wells were extended to the surface using Schedule 40 4-inch PVC pipe. The annular space around and to 2-feet above the top of the screen was filled with industrial quartz sand. The remainder of the annular space, to just below the surface, was filled with bentonite chips, which were hydrated. Each well was finished with a expanding plug, with a padlock, and a steel flush mounted well protector. The top of casings were not surveyed, but will be in the near future. Well construction diagrams for each of the wells are attached as Exhibit II. The auger cuttings were placed in drums and will be properly disposed off-site.

EcoVac Services mobilized on the site on August 8, 2013 to conduct the fourteenth vacuum extraction event. Free product was found to be present in eight (8) monitoring wells (MW-9, MW-10, MW-11, MW-17, MW-18, MW-22, MW-23 and MW-24) at thicknesses varying from 0.01 to 1.13-feet. Vacuum was applied to a combination of six (6) wells for about four (4) hours and another combination of six (6) wells for two (2) hours. An equivalent volume of 67 gallons of product was removed in 2,322 gallons of total water. The product/water was appropriately disposed off-site. As indicated above, a copy of the EcoVac Services August 28, 2013 report is attached as Exhibit I.

Gauging of the monitoring wells on site has continued on a bi-weekly basis. The gauging data for 2013 and 2014, to date, are presented in Table No. 1. These data include the depth to groundwater and the measured thickness of free product in the following monitoring or observation wells: MW-3, MW-4, MW-5, MW-8, MW-9, MW-10, MW-11, MW-12, MW-15, MW-16, MW-17, MW-18, MW-19, MW-20, MW-21, MW-22, MW-23, MW-24, OW-A and OW-C. Measurable free product has never been present in the wells on site that are not included in this table; i.e., MW-1, MW-2, MW-6, MW-7, MW-13 and MW-14.

In Table No. 1, the gauging data performed by terminal personnel, EcoVac personnel and/or Shifrin & Associates, Inc. personnel are presented. Examination of these data show that in certain wells, the thickness of the free product varies considerably. As has been previously reported, the consistency of the product present on the site is, at times, quite thick and tends to coat the probe of the oil/water interface meter. This coating of oil appears to affect the readings, thus leading to the inconsistent reported values.

Nevertheless, the use of high vacuum extraction appears to have been effective. The most recent high vacuum extraction events conducted on the site were performed by EcoVac on January 23 and 24, 2014. As stated above, copies of recent EcoVac reports, which do not appear to have been previously submitted to your office, are attached as Exhibit I.

Review of the gauging data included in the January 23, 2014 EcoVac report shows that no measurable free product remained in the gauged wells (MW-9, MW-11, MW-15, MW-22, MW-23 and MW-24) following completion of the extraction event. The following morning, January 24, the wells were re-gauged, before commencing a second extraction event. At that time, product thickness had rebounded in several of the wells, which had no measurable product the previous evening. These wells included MW-11 (0.03-feet) and MW-22 (0.06-feet). Free product was also present in several other wells (MW-4 - 0.31-feet; MW-8 - 0.39-feet; MW-18 - 2.12-feet; MW-20 - 1.42-feet and MW-21- 0.14-feet) on the second day of the extraction event. Since these five (5) wells were not gauged at the end of the first day of extraction, it is not known whether these measurements reflect a rebound in product thickness or if product remained in these wells following the first day of extraction. It also should be noted that each of the five (5) wells gauged upon completion of the second day of extraction had no measurable free product present.

Due to the heavy snow falls, gauging was not performed following the last Eco Vac event until February 27, 2013. The data from this gauging event are presented in Table No. 2 and also are included with the previous data for the site in Table No. 1. Significant thickness of free product was present at this time in wells MW-11, MW-18, MW-20, MW-21 and MW-22.

As previously reported, no correlation was found between the depth to water; i.e., the groundwater elevation and the free product thickness. Graphs of these data are included in Exhibit III. As also reported, the depth to water or product is generally over 25-feet in each of these wells. Further, the depth to water measurements are subject to tidal variation. However, the thickness of product does reflect the results of the high vacuum extraction events. The attached EcoVac reports show that 64, 42 and 55/22 gallons of product were removed during these most recent events, not including the volume removed as vapor. The equivalent volume of product removed as vapor was relatively low as would be expected. The concentrations of volatiles in the vacuum truck exhaust also were relatively low, reflecting the reported release of heavy oil on the property.

During the first six (6) or seven (7) extraction events conducted on the site, vacuum and hydraulic drawdown data were collected. Vacuum influence was practically non-existent at the adjoining wells or monitoring points, however, it must be kept in mind that the nearest well was approximately 80-feet from the extraction point. Drawdown or hydraulic influence was measured at these same wells. Virtually no change in water levels was recorded, except that resulting from changes in river levels (tidal effect). Based on the above, the additional wells discussed above were

installed to reduce the spacing and improve the removal rates. As recently discussed by telephone, it is proposed to install four (4) more extraction wells in the vicinity of MW-17, MW-22 and MW-24 as shown on the attached Figure 1, to reduce the well spacing to within the radius of influence of the extraction system. These proposed wells should provide for more efficient removal of product by high vacuum extraction.

We continue to believe that high vacuum extraction is an appropriate technology to address the residual free product on the site, based on the reductions that have been seen to date. Should the removal of free product by additional extraction events indicate diminished volumes of product removal, other means of increasing the efficiency will be investigated.

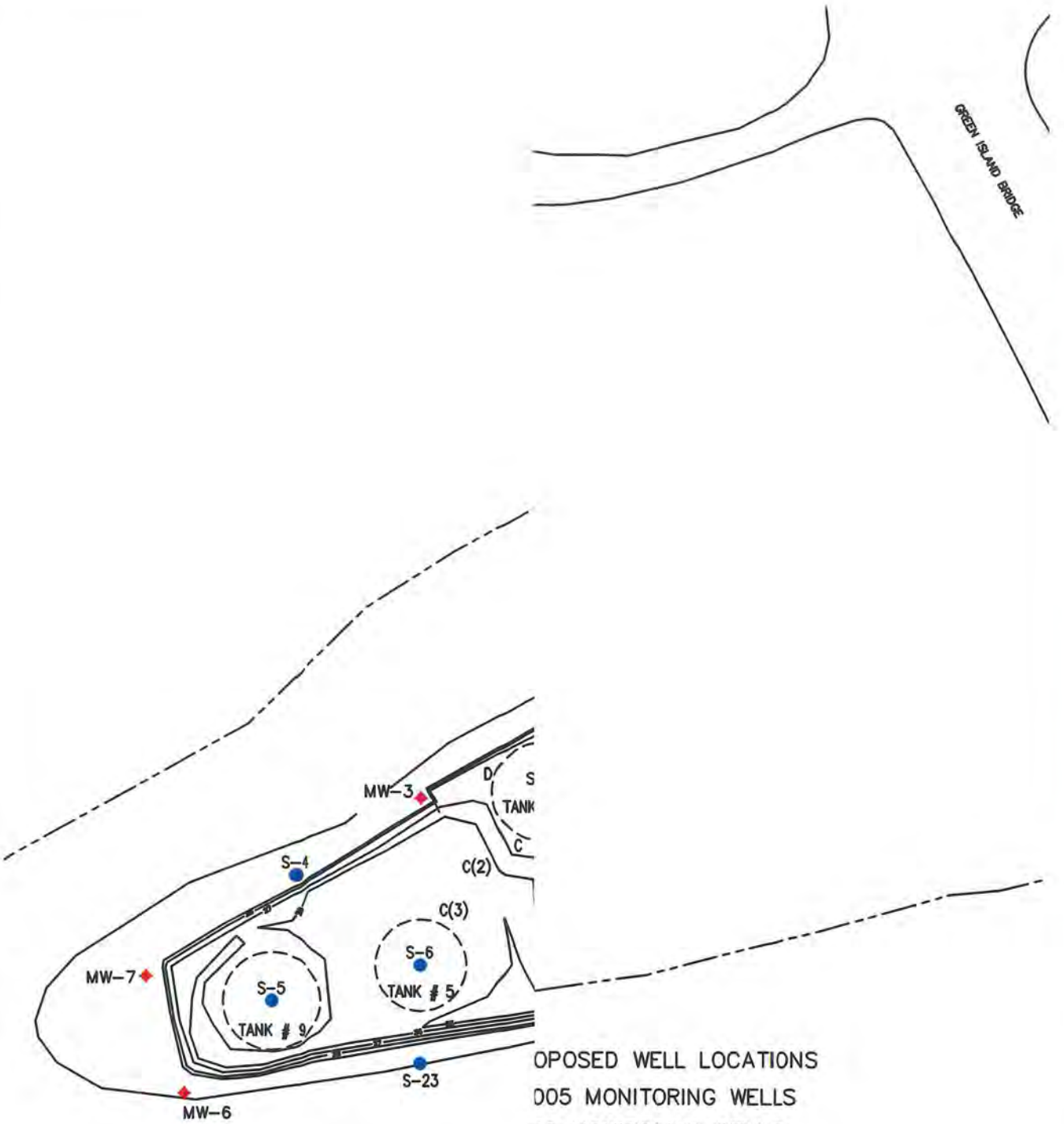
Your assistance and guidance with the remedial efforts on this site is appreciated. If you have any questions or require further information, please contact the writer at your convenience.

Sincerely yours,
SHIFRIN & ASSOCIATES, INC.

Walter G. Shifrin, P.E., President

WGS:mkh
Enclosure

cc: Mr. Ken Fenton
Mr. James Brust
Mr. Mike Schoedel



OPOSED WELL LOCATIONS
005 MONITORING WELLS
05 MONITORING WELLS
08 MONITORING WELLS
08 SOIL BORING
SERVATION WELL
RMER LOCATION FOOTPRINT
T ABLE TO SAMPLE
12 4" WELLS
13 4" WELLS

FIGUR

SCALE: 1" = 80'

DATE: 3-10-14

0 40' 80'

NORTH

Table No. 1
2012 Gauging Data
NATCO
Green Island, New York

Date	MW-3		MW-4		MW-5		MW-8		MW-9		MW-10	
	Depth to Product (ft)	Free Product Thickness (ft)	Depth to Product (ft)	Free Product Thickness (ft)	Depth to Product (ft)	Free Product Thickness (ft)	Depth to Product (ft)	Free Product Thickness (ft)	Depth to Product (ft)	Free Product Thickness (ft)	Depth to Product (ft)	Free Product Thickness (ft)
1/2/2013	29.65	0.00	29.41	0.00	25.35	0.00	27.65	0.00	27.50	0.00	27.60	0.01
1/10/2013	28.80	0.00	29.55	0.00	24.35	0.01	28.02	0.00	27.70	0.02	27.88	0.00
1/17/2013	28.85	0.00	28.74	0.00	24.50	0.01	26.96	0.00	26.40	0.01	26.70	0.00
1/23/2013			28.78	0.00	25.04	0.05	27.31	0.00	27.39	0.59	27.37	0.01
2/1/2013	28.70	0.00	28.45	0.00	24.35	0.01	26.71	0.00	20.42	0.20	25.99	0.01
2/7/2013	28.66	0.00	29.31	0.00	25.68	0.01	27.81	0.00	28.00	0.01	27.72	0.00
2/15/2013	30.08	0.00	29.45	0.00	24.70	0.10	27.10	0.01	27.60	0.00	27.18	0.01
2/26/2013	29.35	0.00	28.12	0.02	26.08	0.02	28.32	0.00	26.31	0.01	27.92	0.00
3/7/2013	27.24	0.00	27.30	0.00	23.56	0.01	25.75	0.00	26.31	0.00	26.16	0.00
3/18/2013	29.40	0.00	29.00	0.01	25.10	0.01	27.20	0.01	26.56	0.01	26.72	0.00
3/27/2013			28.58	0.02	24.60	0.02	26.77	0.03	26.34	0.09	26.40	0.01
4/4/2013	28.67	0.00	29.19	0.00	25.50	0.01	27.62	0.00	27.45	0.01	27.52	0.00
4/10/2013	30.60	0.00	30.30	0.01	26.00	0.01	28.47	0.01	25.58	0.01	27.51	0.01
4/18/2013	27.60	0.00	27.38	0.00	23.50	0.00	26.64	0.00	25.65	0.00	25.66	0.00
5/1/2013	27.56	0.00	29.15	0.01	25.16	0.01	27.40	0.02	26.28	0.00	26.32	0.00
5/8/2013	31.07	0.00	29.50	0.01	25.50	0.00	28.00	0.01	27.35	0.00	27.61	0.06
5/24/2013	30.41	0.00	29.96	0.01	25.95	0.00	28.41	0.00	27.02	0.00	27.42	0.00
5/31/2013	27.80	0.00	25.71	0.01	23.55	0.01	25.88	0.00	25.15	0.01	25.47	0.00
6/5/2013	28.96	0.00	29.15	0.01	25.35	0.01	27.63	0.01	27.02	0.01	27.31	0.00
6/20/2013	28.87	0.00	27.70	0.01	25.50	0.01	27.61	0.00	25.62	0.01	25.25	0.01
7/1/2013	26.05	0.00	26.02	0.02	22.00	0.10	26.25	0.01	23.90	0.02	23.55	0.02
7/12/2013	29.89	0.00	29.68	0.01	25.41	0.01	27.72	0.01	25.63	0.00	25.63	0.00
7/17/2013	27.92	0.00	27.92	0.00	24.15	0.01	26.27	0.00	26.00	0.00	26.00	0.00
7/31/2013	28.46	0.00	27.80	0.05	24.78	0.10	26.87	0.13	26.26	0.34	26.18	0.02
8/8/2013	29.33	0.00	30.42	0.00	26.19	0.00	28.40	0.00	26.68	0.37	26.98	0.01
8/15/2013	28.32	0.00	28.22	0.01	24.40	0.02	26.62	0.00	26.57	0.01	26.57	0.01
8/22/2013	31.12	0.00	31.10	0.01	26.71	0.01	29.24	0.01	27.50	0.02	27.50	0.01
8/30/2013	27.85	0.00	28.01	0.02	24.25	0.01	26.49	0.00	26.50	0.01	26.50	0.01
9/6/2013	31.20	0.00	31.12	0.01	26.81	0.01	29.30	0.00	27.81	0.04	27.81	0.03
9/16/2013	28.76	0.00	29.72	0.01	25.21	0.01	27.74	0.00	27.19	0.00	27.19	0.03
9/19/2013	31.30	0.00	30.82	0.02	26.45	0.01	28.96	0.01	27.21	0.02	27.21	0.01
9/27/2013									27.53	0.39		
10/4/2013	29.78	0.00	30.19	0.01	26.26	0.01	28.51	0.00	27.73	0.02	27.96	0.01
10/9/2013	29.53	0.00	29.21	0.01	25.08	0.01	27.51	0.00	26.51	0.02	26.78	0.01
10/25/2013	29.87	0.00	29.42	0.01	24.86	0.01	27.82	0.00	27.35	0.03	27.28	0.02
10/31/2013			30.31	0.01	26.29	0.01	28.57	0.00	27.39	0.04	28.03	0.01
11/11/2013	29.05	0.00	28.92	0.00	25.03	0.01	27.32	0.00	27.15	0.03	27.12	0.02
11/13/2013			28.80	0.00	24.84	0.00	27.03	0.00	27.05	0.01	26.92	0.00
11/19/2013	31.21	0.00	30.86	0.01	26.52	0.01	29.03	0.01	27.62	0.01	28.02	0.01
12/4/2013	30.15	0.00	30.64	0.00	26.36	0.01	28.82	0.00	27.70	0.02	27.93	0.01
12/20/2013			31.06	0.01			29.32	0.01	27.14	0.04	28.23	0.01
12/23/2013	27.17	0.00			23.23	0.01						
1/13/2014	24.81	0.00	24.96	0.03	22.91	0.00	24.62	0.00	24.28	0.00	24.45	0.00
1/20/2014	29.20	0.00	20.88	0.00	24.73	0.01	27.12	0.00	26.12	0.02	26.71	0.00
1/23/2014			27.78	0.89			26.20	0.35	26.11	0.24	27.48	0.00
1/24/2014			27.75	0.31			26.14	0.39	26.13	0.00		
2/27/2014			28.96	0.02	25.38	0.03	27.80	0.03	26.79	0.03	27.10	0.01

Table No. 1
2012 Gauging Data
NATCO
Green Island, New York

Date	MW-11		MW-12		MW-15		MW-16		MW-17		MW-18	
	Depth to Product (ft)	Free Product Thickness (ft)	Depth to Product (ft)	Free Product Thickness (ft)	Depth to Product (ft)	Free Product Thickness (ft)	Depth to Product (ft)	Free Product Thickness (ft)	Depth to Product (ft)	Free Product Thickness (ft)	Depth to Product (ft)	Free Product Thickness (ft)
1/2/2013	27.90	0.01	27.70	0.01	28.00	0.00	30.00	0.00	27.02	0.01	27.92	0.00
1/10/2013	27.35	0.00	26.92	0.02	28.62	0.00	29.76	0.00	26.91	0.00	26.70	0.02
1/17/2013	26.81	0.00	26.28	0.01	26.92	0.00	28.80	0.00	25.92	0.01	26.69	0.01
1/23/2013	26.34	0.30	26.47	0.20	28.35	0.01	29.00	0.00	26.04	0.00	27.34	0.02
2/1/2013	26.55	0.00	26.00	0.10	27.01	0.00	28.41	0.00	25.62	0.01	26.42	0.01
2/7/2013	26.60	0.10	27.12	0.01	28.33	0.00	29.44	0.00	26.10	0.01	27.90	1.00
2/15/2013	27.49	0.01	27.10	0.01	27.36	0.01	29.55	0.00	27.20	0.20	27.50	0.05
2/26/2013	27.40	0.05	25.70	0.00	28.15	0.00	30.05	0.00	25.20	0.01	26.10	0.01
3/7/2013	25.00	0.00	25.03	0.00	27.15	0.01	27.76	0.00	24.52	0.00	25.63	0.00
3/18/2013	27.00	0.30	26.75	0.01	26.99	0.00	28.72	0.01	24.37	0.00	25.49	0.01
3/27/2013	26.22	0.42	26.05	0.04	26.81	0.00	28.34	0.00	25.51	0.02	26.25	0.85
4/4/2013	26.45	0.01	Dry		28.09	0.01	29.60	0.00	24.05	0.00	27.50	0.20
4/10/2013	25.52	0.00	Well compromised		27.52	0.01	30.07	0.00	24.87	0.00	25.71	0.01
4/18/2013	25.10	0.01			26.15	0.01	27.27	0.00	24.30	0.01	25.35	0.10
5/1/2013	27.10	0.01			26.86	0.00	27.95	0.00	26.40	0.04	27.02	0.05
5/8/2013	27.40	0.01			27.14	0.00	30.09	0.00	27.91	0.01	27.69	0.01
5/24/2013	28.15	0.01			26.41	0.00	29.85	0.01	27.41	0.01	28.15	0.01
5/31/2013	25.70	0.01			25.81	0.00	27.32	0.00	24.91	0.01	25.50	0.01
6/5/2013	26.52	0.01			27.22	0.00	27.80	0.01	26.25	0.01	27.46	0.01
6/20/2013	27.46	0.01			25.91	0.01	29.46	0.01	26.73	0.00	27.40	0.02
7/1/2013	23.95	0.01			24.30	0.00	26.01	0.01	26.18	0.00	23.80	0.02
7/12/2013	27.70	0.01			26.20	0.01	29.35	0.01	26.87	0.01	27.32	0.02
7/17/2013	25.62	0.00			26.20	0.00	28.12	0.02	25.10	0.01	25.97	0.00
7/31/2013	26.23	1.91			2.67	0.00	28.54	0.00	25.78	1.17	26.58	1.54
8/8/2013	28.60	0.72							27.84	0.08	28.40	0.57
8/15/2013	25.95	0.03			26.95	0.01	28.42	0.00	25.41	0.01	26.38	0.01
8/22/2013	29.05	0.01			28.00	0.01	30.25	0.00	28.23	0.01	28.70	0.03
8/30/2013	25.67	0.03			26.88	0.01	28.17	0.00	25.20	0.04	26.30	0.03
9/6/2013	29.10	0.03			28.20	0.01	30.25	0.00	28.30	0.02	28.63	0.02
9/16/2013	27.20	0.00			28.02	0.00	29.28	0.00	26.70	0.03	27.31	0.04
9/19/2013	28.97	0.00			27.81	0.01	30.20	0.00	28.11	0.03	28.52	0.04
9/27/2013	28.64	0.75							27.62	0.31	28.43	0.60
10/4/2013	27.88	0.04			27.96	0.00	30.28	0.00	27.47	0.02	28.15	0.03
10/9/2013	27.32	0.01			27.03	0.02	29.13	0.01	26.55	0.03	27.24	0.04
10/25/2013	27.43	0.03			27.75	0.04	29.53	0.00	27.57	0.02	26.55	0.03
10/31/2013	27.95	0.04			28.33	0.01	30.39	0.00	27.60	0.03	28.06	0.03
11/11/2013	26.79	0.04			27.68	0.02	29.07	0.00	26.06	0.04	27.04	0.04
11/13/2013	26.26	0.00			27.70	0.03	28.80	0.00	25.75	0.00	26.70	0.01
11/19/2013	29.00	0.02			27.91	0.01	30.28	0.00	28.04	0.02	28.62	0.02
12/4/2013	28.62	0.01			27.71	0.00	30.06	0.00	27.84	0.02	28.47	0.01
12/20/2013	29.04	0.01			28.25	0.00	30.15	0.00	27.99	0.01	28.45	0.03
12/23/2013												
1/13/2014	22.62	0.00			25.02	0.00	25.68	0.01	22.29	0.01	23.40	0.00
1/20/2014	27.42	0.02			26.73	0.00	28.73	0.01	26.02	0.00	26.68	0.01
1/23/2014	25.65	2.78							25.60	0.82	25.70	2.10
1/24/2014	25.70	0.03							26.31	0.00	25.74	2.12
2/27/2014	26.68	1.03			27.22	0.00	29.02	0.01	26.88	0.02	26.30	0.70

Table No. 1
2012 Gauging Data
NATCO
Green Island, New York

Date	MW-19		OW-A		OW-C		MW-20		MW-21		MW-22	
	Depth to Product (ft)	Free Product Thickness (ft)	Depth to Product (ft)	Free Product Thickness (ft)	Depth to Product (ft)	Free Product Thickness (ft)	Depth to Product (ft)	Free Product Thickness (ft)	Depth to Product (ft)	Free Product Thickness (ft)	Depth to Product (ft)	Free Product Thickness (ft)
1/2/2013	27.11	0.00	25.60	0.00	31.02	0.01						
1/10/2013	26.41	0.00	26.72	0.00	26.12	0.00						
1/17/2013	25.63	0.00	24.30	0.00	30.80	0.00						
1/23/2013	26.10	0.00	26.08	0.00	30.40	0.00						
2/1/2013	25.35	0.00	24.60	0.00	29.80	0.00						
2/7/2013	26.68	0.00	26.17	0.00	30.80	0.00						
2/15/2013	26.70	0.00	23.65	0.00	30.76	0.00						
2/26/2013	27.10	0.00	26.26	0.00	31.47	0.00						
3/7/2013	24.52	0.00	24.73	0.00	28.96	0.00						
3/18/2013	26.05	0.00	24.50	0.00	30.11	0.01						
3/27/2013			24.35	0.00	29.05	0.00						
4/4/2013	26.45	0.00	26.32	0.00	30.72	0.00						
4/10/2013	27.15	0.00	25.25	0.00	31.05	0.00						
4/18/2013	24.25	0.00	23.60	0.00	28.67	0.00						
5/1/2013	26.26	0.00	24.50	0.00	29.27	0.00						
5/8/2013	27.55	0.00	26.02	0.00	31.45	0.00						
5/24/2013	27.10	0.00	24.33	0.00	31.07	0.00						
5/31/2013	24.38	0.00	22.84	0.00	28.70	0.00						
6/5/2013	26.35	0.01	24.12	0.00	30.77	0.00						
6/20/2013	25.86	0.00	23.28	0.00	29.43	0.00						
7/1/2013	22.69	0.00	22.16	0.00	26.80	0.01						
7/12/2013	25.69	0.00	23.47	0.00	29.05	0.01						
7/17/2013	25.10	0.00	24.40	0.00	28.17	0.01						
7/31/2013	25.81	0.00	25.03	0.00	28.12	0.01						
8/8/2013											27.75	0.10
8/15/2013	25.41	0.00	25.28	0.00	29.09	0.01	25.52	0.02	26.75	0.03	26.30	0.03
8/22/2013	27.87	0.00	26.40	0.00	31.48	0.01	27.90	0.01	28.61	0.00	29.20	0.04
8/30/2013	25.23	0.00	25.31	0.00	29.08	0.02	25.40	0.04	26.71	0.02	25.91	0.04
9/6/2013	27.97	0.00	31.61	0.00	26.81	0.00	27.91	0.04	28.90	0.02	28.92	0.02
9/16/2013	26.23	0.00	26.42	0.00	31.07	0.00	26.50	0.05	27.71	0.02	26.57	0.04
9/19/2013	27.68	0.00	26.23	0.00	31.11	0.01	28.61	0.02	28.77	0.01	28.94	0.05
9/27/2013											27.90	0.74
10/4/2013	27.31	0.00	24.30	0.00	31.62	0.00	27.54	0.04	28.63	0.02	28.81	0.01
10/9/2013	26.21	0.00	24.50	0.00	29.91	0.01	26.24	0.03	27.52	0.01	27.54	0.04
10/25/2013	26.59	0.00	26.20	0.00	30.56	0.01	26.54	0.03	28.14	0.04	27.65	0.02
10/31/2013	27.36	0.01	26.66	0.00	31.23	0.01	27.56	0.03	28.40	0.03	28.15	0.05
11/11/2013	26.04	0.00	26.02	0.00	30.38	0.02	26.13	0.00	27.66	0.04	26.97	0.04
11/13/2013	27.02	0.00	26.18	0.00	29.33	0.01	25.90	0.01	27.30	0.00	26.62	0.21
11/19/2013	27.71	0.00	25.60	0.00	31.33	0.01	27.66	0.03	29.54	0.03	28.98	0.02
12/4/2013	27.52	0.00	25.52	0.00	31.21	0.01	27.59	0.02	29.12	0.02	28.62	0.02
12/20/2013	27.90	0.00	26.38	0.00	31.62	0.00	27.88	0.03	29.72	0.01	29.05	0.02
12/23/2013												
1/13/2014	22.30	0.00	21.00	0.00	27.71	0.00	22.69	0.02	24.02	0.00	22.93	0.03
1/20/2014	25.00	0.01	23.70	0.00	30.00	0.00	25.51	0.01	27.53	0.01	27.33	0.01
1/23/2014											26.34	0.96
1/24/2014											26.50	0.06
2/27/2014	26.38	0.01			29.92	0.01	26.20	0.70	27.90	0.26	27.65	2.70

Table No. 1
2012 Gauging Data
NATCO
Green Island, New York

Date	MW-23		MW-24	
	Depth to Product (ft)	Free Product Thickness (ft)	Depth to Product (ft)	Free Product Thickness (ft)
1/2/2013				
1/10/2013				
1/17/2013				
1/23/2013				
2/1/2013				
2/7/2013				
2/15/2013				
2/26/2013				
3/7/2013				
3/18/2013				
3/27/2013				
4/4/2013				
4/10/2013				
4/18/2013				
5/1/2013				
5/8/2013				
5/24/2013				
5/31/2013				
6/5/2013				
6/20/2013				
7/1/2013				
7/12/2013				
7/17/2013				
7/31/2013				
8/8/2013	27.82	1.13	28.30	0.47
8/15/2013	25.40	0.03	25.65	0.04
8/22/2013	28.36	0.01	28.87	0.03
8/30/2013	28.15	0.04	25.30	0.05
9/6/2013	28.40	0.04	28.75	0.01
9/16/2013	26.57	0.05	26.80	0.05
9/19/2013	28.23	0.02	28.61	0.02
9/27/2013	28.96	0..44	28.31	0.89
10/4/2013	27.44	0.04	27.60	0.03
10/9/2013	26.60	0.03	26.96	0.04
10/25/2013	26.76	0.04	26.96	0.04
10/31/2013	27.50	0.03	27.70	0.03
11/11/2013	26.14	0.04	26.30	0.04
11/13/2013	25.80	0.13	25.98	0.00
11/19/2013	30.20	0.03	28.54	0.03
12/4/2013	28.87	0.00	28.28	0.02
12/20/2013	Snow		28.63	0.03
12/23/2013				
1/13/2014	22.22	0.00	22.37	0.02
1/20/2014	26.12	0.00	26.69	0.01
1/23/2014	25.64	1.56	25.63	0.94
1/24/2014	25.10	0.00	25.61	0.00
2/27/2014	26.75	1.99	27.07	1.60

TABLE NO. 2
GROUNDWATER MEASUREMENTS - FEBRUARY 27, 2014
GREEN ISLAND, NEW YORK

LOCATION	TOP OF CASING ELEVATION	DEPTH TO BOTTOM OF WELL (feet)	DEPTH TO PRODUCT (feet)	DEPTH TO WATER (feet)	PRODUCT THICKNESS (feet)	GROUNDWATER ELEVATION
MW-1	126.15	N/A	-----	N/A	-----	N/A
MW-2	130.43	N/A	-----	N/A	-----	N/A
MW-3	128.79	N/A	-----	N/A	-----	N/A
MW-4	130.19	35.14	28.96	28.98	0.02	104.79
MW-5	126.19	34.98	25.38	25.41	**0.03**	100.80
MW-6	128.79	N/A	-----	N/A	-----	N/A
MW-7	128.83	N/A	-----	N/A	-----	N/A
MW-8	129.03	29.57	27.80	27.83	**0.03**	101.22
MW-9	128.96	29.61	26.79	26.82	0.03	102.16
MW-10	129.13	29.72	27.10	27.11	0.01	102.02
MW-11	128.34	29.90	26.68	27.71	**1.03**	101.38
MW-12	127.94	19.60	Well is plugged or damaged			
MW-13	126.43	N/A	-----	N/A	-----	N/A
MW-14	127.72	N/A	-----	N/A	-----	N/A
MW-15	129.36	29.42	-----	27.22	-----	102.14
MW-16	130.54	30.50	29.02	29.03	0.01	101.51
MW-17	127.87	29.59	26.88	26.90	0.02	100.98
MW-18	128.49	29.61	26.30	27.00	0.70	102.00
MW-19	127.45	29.62	26.38	26.39	0.01	101.06
MW-20	-----	29.42	26.20	26.90	0.70	-----
MW-21	-----	31.20	27.90	28.16	0.26	-----
MW-22	-----	31.60	27.65	30.35	2.70	-----
MW-23	-----	32.83	26.75	28.74	1.99	-----
MW-24	-----	32.48	27.07	28.67	**1.60**	-----
OW-A	Unable to access					
OW-B	Unable to be located					
OW-C	-----	31.00	29.92	29.93	**0.01**	-----

NOTES:
- Monitoring wells MW-1 through MW-7 and wells MW-13 through MW-24 are 4-inch diameter
- Monitoring wells MW-8 through MW-12 are 2-inch diameter
- Elevations are adjusted for product thickness and density
- Monitoring wells MW-20 through MW-24 have not been surveyed

EXHIBIT I

ECOVAC SERVICES
The World Leader in Mobile Dual-Phase/Multi-Phase Extraction
Patented SURFAC®/ISCO-EFR®/SOLV-IT® Technologies
Treatability Studies / Research & Development

August 28, 2013

Mr. Walter Shifrin
Shifrin & Associates, Inc.
230 S. Bemiston Avenue, Suite 305
St. Louis, Missouri 63105
wshifrin@shifrinandassociates.com

Subject: **Enhanced Fluid Recovery (EFR®) Results**
Event No. 14 (August 8, 2013)
Green Island Terminal
1 Osgood Avenue
Green Island, New York

Dear Mr. Shifrin:

Please find attached the data summary for the 14th EFR® event conducted at the subject site on August 8, 2013. The previous EFR® events were conducted between October 31, 2010 and March 27, 2013. SURFAC® pilot tests were also conducted at the subject site on April 19 and 20, 2011. The following summarizes the results of EFR® at this site.

SUMMARY OF RESULTS

Separate phase hydrocarbons (SPH) was detected in eight monitor wells prior to conducting this EFR® event (MW-9 – 0.37 feet, MW-10 – 0.01 foot, MW-11 – 0.72 foot, MW-17 – 0.08 foot, MW-18 – 0.57 foot, MW-22 – 0.10 foot, MW-23 – 1.13 feet, and MW-24 – 0.47 foot). Additional historical SPH thicknesses are detailed in the attached table and graphs.

This 14th EFR® event was conducted for a duration of six hours at seven extraction points. The initial three hours of extraction were conducted at MW-9, MW-11, MW-17, MW-22, MW-23 and MW-24. The final three hours of extraction were conducted at MW-9, MW-11, MW-17, MW-18, MW-23 and MW-24.

An estimated total of 66.7 equivalent gallons of diesel were removed during this event, consisting of approximately 2.7 equivalent gallons of diesel (a calculated 19 pounds of petroleum hydrocarbons) as vapor phase and 64 gallons of SPH contained in the vacuum truck tank upon completion. This recovery is within the range of removals achieved during the previous events (approximately 2.3 to 614 equivalent gallons of diesel). A combined estimated total of 1,080 equivalent gallons of diesel have been removed by EFR® at this site. Some recharge of SPH was detected in the extraction wells upon completion of the 14th event, and is detailed on the EFR® Field Data Sheet.

Vapor phase hydrocarbon removal rates ranged from 1.9 to 3.1 pounds per hour, with a trend of decreasing removal rates throughout this event. Offgas concentrations ranged from 2,200 to 3,000 parts per million (ppm), as compared to 400 to 36,000 ppm during the prior events. Flow rates ranged from 74 to 88 cubic feet per minute (CFM), as compared to 39 to 206 CFM during prior events.

The vacuum readings recorded at the extraction wells during this EFR® event are detailed in the EFR® Field Data Sheet and summarized below:

Extraction Well Location	Vacuum Reading
MW-9	2 inches of mercury
MW-11	2 inches of mercury
MW-17	2 inches of mercury
MW-18	2 inches of mercury
MW-22	2 inches of mercury
MW-23	2 inches of mercury
MW-24	2 inches of mercury

Approximately 2,322 gallons of liquid (including approximately 64 gallons of SPH) were removed during this event and transported to Industrial Oil Tank Service Corporation (Oriskany, New York) for disposal.

Thank you for the continued opportunity to team with Shifrin & Associates in serving the environmental needs of Apex. We look forward to working with you again in the future to provide innovative and cost effective environmental solutions at this and other sites.

Sincerely,

David M. Goodrich

David M. Goodrich, P.G.
EcoVac Services

EFR® FIELD DATA SHEET

Client: Shifrin & Associates	Facility Name: Green Island Terminal	Event #: 14
Facility Address: 1 Osgood Avenue, Green Island, NY	Technician: Yarbrough	Date: 8/8/2013

Extraction Well(s)	Time hh:mm	Extraction Well-head Vacuum (in. Hg)										Vacuum Truck Exhaust				
		Inlet	MW-9	MW-11	MW-17	MW-18	MW-22	MW-23	MW-24			Concentration PPM	Offgas Velocity FT/MIN	Flow Rate CFM	Removal Rate LBS/HR	Interval Removal LBS
Start Time:	13:30															
MW-9,11,17,22,	13:45	22	2	2	2	-	2	2	2			3,000	1,800	88	3.1	0.8
23,24	14:00	22	2	2	2	-	2	2	2			3,000	1,800	88	3.1	0.8
"	14:15	22	2	2	2	-	2	2	2			3,000	1,800	88	3.1	0.8
"	14:30	22	2	2	2	-	2	2	2			3,000	1,500	74	2.6	0.7
"	15:00	22	2	2	2	-	2	2	2			2,800	1,500	74	2.4	1.2
"	15:30	22	2	2	2	-	2	2	2			2,800	1,500	74	2.4	1.2
"	16:30	22	2	2	2	-	2	2	2			2,800	1,500	74	2.4	2.4
MW-9,11,17,18	17:30	22	2	2	2	2	-	2	2			2,800	1,500	74	2.4	4.9
23,24	18:30	22	2	2	2	2	-	2	2			2,400	1,500	74	2.1	4.2
"	19:30	22	2	2	2	2	-	2	2			2,200	1,500	74	1.9	1.9

Well Gauging Data			Before Extraction			After Extraction			Corr. DTW
Well No.	Diam.	TD (ft)	DTS (ft)	DTW (ft)	SPH (ft)	DTS (ft)	DTW (ft)	SPH (ft)	Change (ft)
MW-1			-	25.41	0.00	-	-	-	-
MW-2			-	29.66	0.00	-	-	-	-
MW-3			-	29.33	0.00	-	-	-	-
MW-4			-	30.42	0.00	-	-	-	-
MW-5			-	26.19	0.00	-	-	-	-
MW-6			-	27.82	0.00	-	-	-	-
MW-7			-	27.89	0.00	-	-	-	-
MW-8			-	28.40	0.00	-	-	-	-
MW-9			26.68	27.05	0.37	-	29.20	0.00	-2.46
MW-10			26.98	26.99	0.01	-	-	-	-
MW-11			28.60	29.32	0.72	25.51	25.52	0.01	3.20
MW-17			27.84	27.92	0.08	25.05	25.10	0.05	2.79
MW-18			28.40	28.97	0.57	26.32	26.70	0.38	2.11
MW-22			28.75	28.85	0.10	-	26.00	0.00	2.77
MW-23			27.82	28.95	1.13	25.10	25.11	0.01	2.89
MW-24			28.30	28.77	0.47	25.21	25.25	0.04	3.15

Vacuum Truck Information	
Subcontractor:	AllVac
Truck Operator:	Yarbrough
Truck No.:	149
Vacuum Pumps:	Becker
Pump Type:	Twin LC-44s
Tank Capacity (gal.):	2,894
Stack I.D. (inches)	3.0

Well ID	Breather Port	Stinger Depth
MW-9	0(closed)	28'
MW-11	0(closed)	30'
MW-17	0(closed)	29'
MW-22	0(closed)	29'
MW-23	0(closed)	30'
MW-24	0(closed)	30'

Recovery/Disposal Information		
Hydrocarbons Removed (vapor):	19	pounds
Hydrocarbons Removed (vapor):	2.7	equiv. gal.
Hydrocarbons Removed (liquid):	64	gallons
Total Hydrocarbons Removed:	66.7	equiv. gal.
Molecular Weight Utilized:	75	g/mole
Disposal Facility:	Industrial Oil Tank - Oriskany, NY	
Total Liquids Removed:	2,322	gallons

ECOVAC SERVICES

Time:	13:30 to 19:30
# Pumps:	2
RPMs:	900

Notes:
Event ended after 6 hours due to reaching truck's legal weight limit.

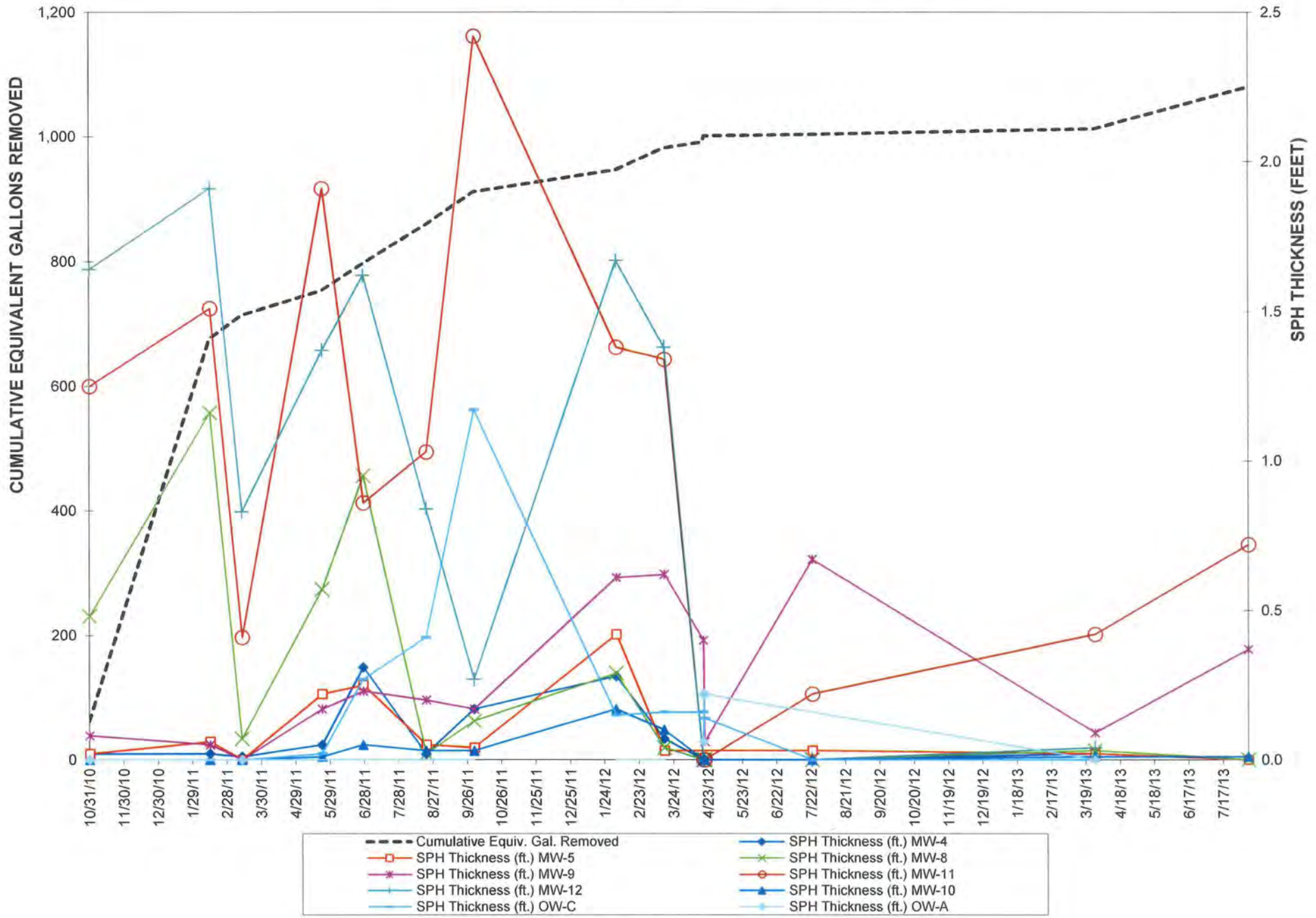
CUMULATIVE EFR® DATA TABLE

Green Island Terminal
1 Osgood Avenue
Green Island, NY

Event No.	1	2	3	4	5	6	7	8	9	10 (pilot)	11 (pilot)	12	13	14
Date	10/31/10	2/13/11	3/13/11	5/22/11	6/27/11	8/21/11	10/2/11	2/3/12	3/16/12	4/19/12	4/20/12	7/23/12	3/27/13	8/8/13
SPH Thickness (ft.) MW-4	0.02	0.02	0.01	0.05	0.31	0.02	0.17	0.28	0.07	0.00	0.00	0.00	0.02	0.00
SPH Thickness (ft.) MW-5	0.02	0.06	0.00	0.22	0.25	0.05	0.04	0.42	0.03			0.03	0.02	0.00
SPH Thickness (ft.) MW-8	0.48	1.16	0.07	0.57	0.95	0.02	0.13	0.29	0.04	0.00	0.00	0.00	0.03	0.00
SPH Thickness (ft.) MW-9	0.08	0.05	0.00	0.17	0.23	0.20	0.17	0.61	0.62	0.40	0.06	0.67	0.09	0.37
SPH Thickness (ft.) MW-10	0.00	0.00	0.00	0.01	0.05	0.03	0.03	0.17	0.10	0.00	0.00	0.00	0.01	0.01
SPH Thickness (ft.) MW-11	1.25	1.51	0.41	1.91	0.86	1.03	2.42	1.38	1.34	0.00	0.00	0.22	0.42	0.72
SPH Thickness (ft.) MW-12	1.64	1.91	0.83	1.37	1.62	0.84	0.27	1.67	1.38	0.00	0.00	0.00	0.04	
SPH Thickness (ft.) MW-16									0.01	0.00	0.00	0.00	0.00	
SPH Thickness (ft.) MW-17									0.48	0.02	0.00	0.28	0.02	0.08
SPH Thickness (ft.) MW-18									0.15	0.97	0.60	0.37	0.85	0.57
SPH Thickness (ft.) OW-A										0.06	0.22		0.00	
SPH Thickness (ft.) OW-C				0.02	0.27	0.41	1.17	0.15	0.16	0.16	0.14	0.00	0.00	
Aggregate SPH Thickness (ft.)	3.49	4.71	1.32	4.32	4.54	2.60	4.40	4.97	4.38	1.61	1.02	1.57	1.50	1.75
Average Depth to Water (ft.)	27.66	28.87	22.69	23.62	26.22	27.78	24.49	27.52	27.52	27.19	26.79	26.35	26.67	28.25
Vapor Pounds Removed/Event	272	484	127	180	115	161	137	72	39	25	13	17	18	19
Cumulative Vapor Removed (lbs.)	272	756	883	1,063	1,178	1,339	1,476	1,548	1,587	1,612	1,625	1,642	1,660	1,679
Vapor Equivalent Gal Removed/Event	38	68	18	25	16	23	19	10	6	4	2	2	3	3
Cumulative Vapor Equiv. Gal. Removed	38	106	124	150	166	189	208	218	224	227	229	231	234	237
Liquid Phase Removed/Event (gal.)	24	546	20	14	27	40	33	25	29	6	8	0	7	64
Cumulative Liquid Phase Removed (Gal.)	24	570	590	604	631	671	704	729	758	764	772	772	779	843
Water Removed/Event (gal.)	1,950	1,704	2,109	1,800	1,935	2,038	2,046	1,692	1,499	607	1,042	1,868	1,225	2,258
Cumulative Water Removed (Gal.)	1,950	3,654	5,763	7,563	9,498	11,536	13,582	15,274	16,773	17,380	18,422	20,290	21,515	23,773
Total Liquid Removed/Event (Gal.)	1,974	2,250	2,129	1,814	1,962	2,078	2,079	1,717	1,528	613	1,050	1,868	1,868	2,322
Cumulative Total Liquid Removed (Gal.)	1,974	4,224	6,353	8,167	10,129	12,207	14,286	16,003	17,531	18,144	19,194	21,062	22,930	25,252
Equiv. Gal. Diesel Removed/Event	62	614	38	39	43	63	52	35	35	9.5	9.8	2.4	9.5	66.7
Cumulative Equiv. Gal. Removed	62	676	714	754	797	860	912	947	982	991	1,001	1,003	1,013	1,080

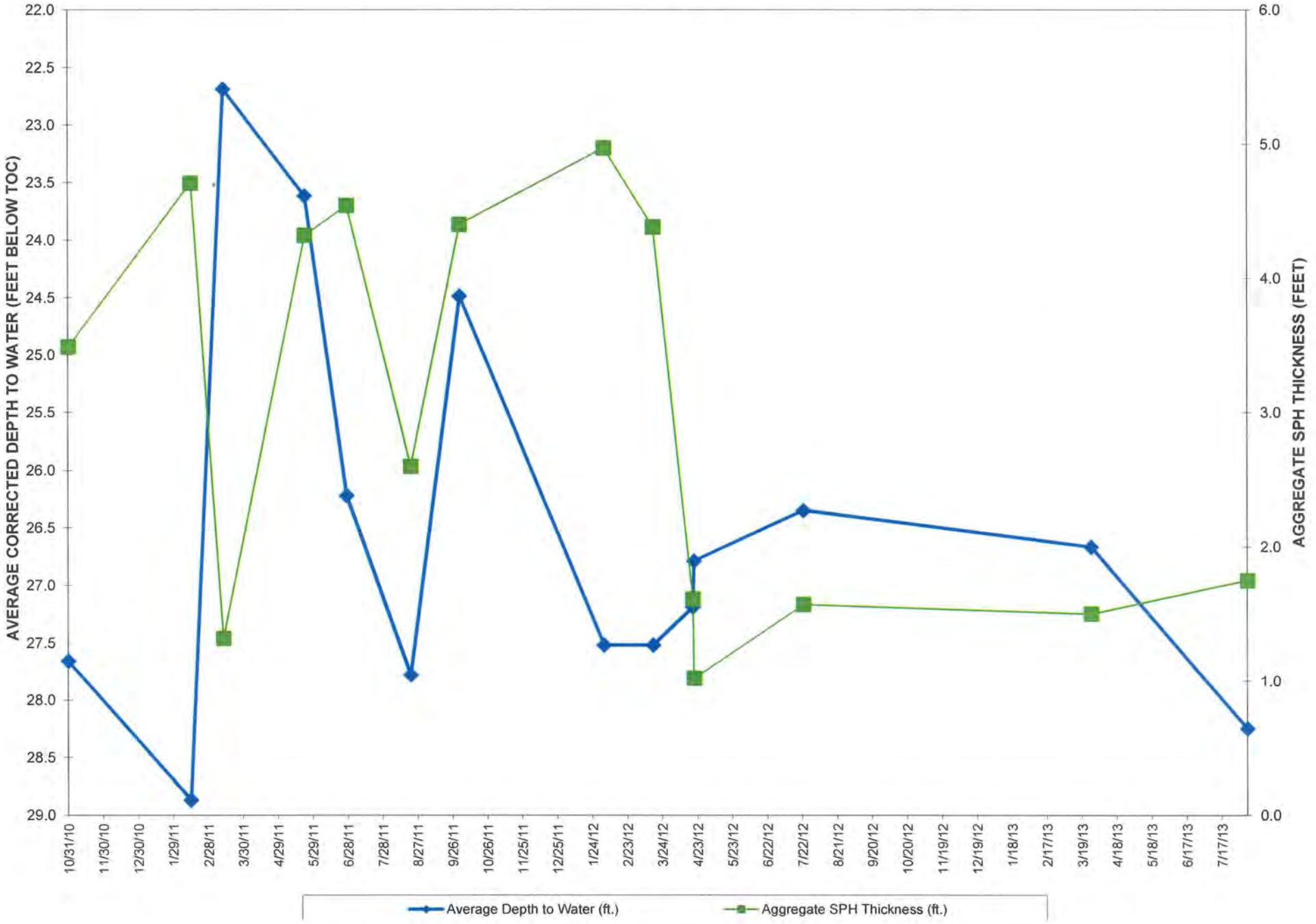
CUMULATIVE EFR® GRAPH

Green Island Terminal - 1 Osgood Avenue, Green Island, NY



AGGREGATE SPH THICKNESS VS. AVERAGE DEPTH TO WATER

Green Island Terminal - 1 Osgood Avenue, Green Island, NY



ECOVAC SERVICES
The World Leader in Mobile Dual-Phase/Multi-Phase Extraction
Patented SURFAC®/ISCO-EFR®/SOLV-IT® Technologies
Treatability Studies / Research & Development

October 4, 2013

Mr. Walter Shifrin
Shifrin & Associates, Inc.
230 S. Bemiston Avenue, Suite 305
St. Louis, Missouri 63105
wshifrin@shifrinandassociates.com

Subject: **Enhanced Fluid Recovery (EFR®) Results**
Event No. 15 (September 27, 2013)
Green Island Terminal
1 Osgood Avenue
Green Island, New York

Dear Mr. Shifrin:

Please find attached the data summary for the 15th EFR® event conducted at the subject site on September 27, 2013. The previous EFR® events were conducted between October 31, 2010 and August 8, 2013. SURFAC® pilot tests were also conducted at the subject site on April 19 and 20, 2011. The following summarizes the results of EFR® at this site.

SUMMARY OF RESULTS

Separate phase hydrocarbons (SPH) was detected in seven gauged monitor wells prior to conducting this EFR® event (MW-9 – 0.39 foot, MW-11 – 0.75 foot, MW-17 – 0.31 foot, MW-18 – 0.60 foot, MW-22 – 0.74 foot, MW-23 – 0.44 foot, and MW-24 – 0.89 foot). Additional historical SPH thicknesses are detailed in the attached table and graphs.

This 15th EFR® event was conducted for a duration of eight hours at seven extraction points. The initial five hours of extraction were conducted at MW-9, MW-11, MW-17, MW-22, MW-23 and MW-24. The final three hours of extraction were conducted at MW-9, MW-11, MW-17, MW-18, MW-23 and MW-24.

An estimated total of 46.5 equivalent gallons of diesel were removed during this event, consisting of approximately 4.5 equivalent gallons of diesel (a calculated 32 pounds of petroleum hydrocarbons) as vapor phase and 42 gallons of SPH contained in the vacuum truck tank upon completion. This recovery is within the range of removals achieved during the previous events (approximately 2.3 to 614 equivalent gallons of diesel). A combined estimated total of 1,126 equivalent gallons of diesel have been removed by EFR® at this site. Some recharge of SPH was detected in the extraction wells upon completion of the 15th event, and is detailed on the EFR® Field Data Sheet.

Vapor phase hydrocarbon removal rates ranged from 1.4 to 4.8 pounds per hour, with a trend of decreasing removal rates throughout this event. Offgas concentrations ranged from 1,000 to 3,000 parts per million (ppm), as compared to 400 to 36,000 ppm during the prior events. Flow rates ranged from 69 to 78 cubic feet per minute (CFM), as compared to 39 to 206 CFM during prior events.

The vacuum readings recorded at the extraction wells during this EFR® event are detailed in the EFR® Field Data Sheet and summarized below:

Extraction Well Location	Vacuum Reading
MW-9	2 inches of mercury
MW-11	2 inches of mercury
MW-17	2 inches of mercury
MW-18	2 inches of mercury
MW-22	2 inches of mercury
MW-23	2 inches of mercury
MW-24	2 inches of mercury

Approximately 1,929 gallons of liquid (including approximately 42 gallons of SPH) were removed during this event and transported to Industrial Oil Tank Service Corporation (Oriskany, New York) for disposal.

Thank you for the continued opportunity to team with Shifrin & Associates in serving the environmental needs of Apex. We look forward to working with you again in the future to provide innovative and cost effective environmental solutions at this and other sites.

Sincerely,

David M. Goodrich

David M. Goodrich, P.G.
EcoVac Services

EFR® FIELD DATA SHEET

Client: Shifrin & Associates	Facility Name: Green Island Terminal	Event #: 15
Facility Address: 1 Osgood Avenue, Green Island, NY	Technician: Yarbrough	Date: 9/27/2013

Extraction Well(s)	Time hh:mm	Extraction Well-head Vacuum (in. Hg)										Vacuum Truck Exhaust				
Start Time:	5:30	Inlet	MW-9	MW-11	MW-17	MW-18	MW-22	MW-23	MW-24			Concentration PPM	Offgas Velocity FT/MIN	Flow Rate CFM	Removal Rate LBS/HR	Interval Removal LBS
MW-9,11,17,22,	5:45	20	2	2	2	-	2	2	2			3,000	1,600	78	4.8	1.2
23,24	6:00	20	2	2	2	-	2	2	2			3,000	1,600	78	4.8	1.2
"	6:15	20	2	2	2	-	2	2	2			2,800	1,600	78	4.5	1.1
"	6:30	20	2	2	2	-	2	2	2			2,600	1,600	78	4.2	1.0
"	7:00	20	2	2	2	-	2	2	2			2,200	1,400	69	3.1	1.6
"	7:30	20	2	2	2	-	2	2	2			2,200	1,400	69	3.1	1.6
"	8:30	20	2	2	2	-	2	2	2			1,800	1,400	69	2.5	2.5
"	9:30	20	2	2	2	-	2	2	2			1,400	1,400	69	2.0	4.0
"	10:30	20	2	2	2	-	2	2	2			1,400	1,400	69	2.0	4.0
MW-9,11,17,18	11:30	20	2	2	2	2	-	2	2			1,200	1,400	69	1.7	5.1
23,24	12:30	20	2	2	2	2	-	2	2			1,000	1,400	69	1.4	4.2
"	13:30	20	2	2	2	2	-	2	2			1,000	1,400	69	1.4	4.2

Well Gauging Data			Before Extraction			After Extraction			Corr. DTW
Well No.	Diam.	TD (ft)	DTS (ft)	DTW (ft)	SPH (ft)	DTS (ft)	DTW (ft)	SPH (ft)	Change (ft)
MW-9	2"		27.53	27.92	0.39	-	29.27	0.00	-1.68
MW-11	2"		28.64	29.39	0.75	29.01	29.04	0.03	-0.26
MW-17	4"		27.62	27.93	0.31	26.05	26.11	0.06	1.61
MW-18	4"		28.43	29.03	0.60	26.32	26.70	0.38	2.14
MW-22	4"		27.90	28.64	0.74	-	26.00	0.00	2.01
MW-23	4"		28.96	29.40	0.44	25.10	25.11	0.01	3.92
MW-24	4"		28.31	29.20	0.89	25.21	25.25	0.04	3.23

Vacuum Truck Information		Well ID	Breather Port	Stinger Depth
Subcontractor:	AllVac	MW-9	0(closed)	28'
Truck Operator:	Yarbrough	MW-11	0(closed)	30'
Truck No.:	149	MW-17	0(closed)	29'
Vacuum Pumps:	Becker	MW-18	0(closed)	28'
Pump Type:	Twin LC-44s	MW-22	0(closed)	29'
Tank Capacity (gal.):	2,894	MW-23	0(closed)	30'
Stack I.D. (inches)	3.0	MW-24	0(closed)	30'

Recovery/Disposal Information		
Hydrocarbons Removed (vapor):	32	pounds
Hydrocarbons Removed (vapor):	4.5	equiv. gal.
Hydrocarbons Removed (liquid):	42	gallons
Total Hydrocarbons Removed:	46.5	equiv. gal.
Molecular Weight Utilized:	130	g/mole
Disposal Facility:	Industrial Oil Tank - Oriskany, NY	
Total Liquids Removed:	1,929	gallons

ECOVAC SERVICES

Time:	05:30 to 13:30
# Pumps:	2
RPMs:	1,000

Notes: Manifest No. 154092713

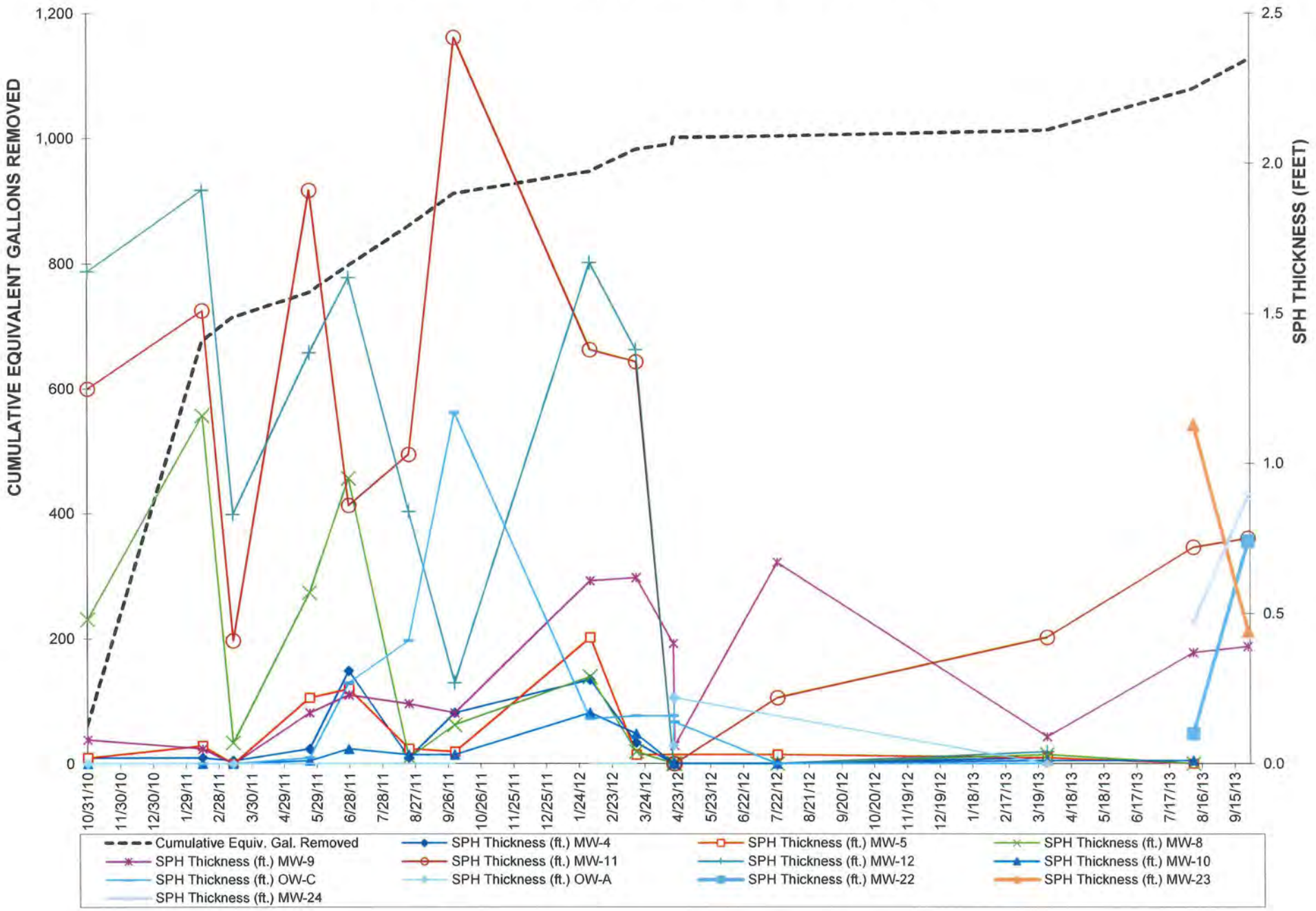
CUMULATIVE EFR® DATA TABLE

Green Island Terminal
1 Osgood Avenue
Green Island, NY

Event No.	1	2	3	4	5	6	7	8	9	10 (pilot)	11 (pilot)	12	13	14	15
Date	10/31/10	2/13/11	3/13/11	5/22/11	6/27/11	8/21/11	10/2/11	2/3/12	3/16/12	4/19/12	4/20/12	7/23/12	3/27/13	8/8/13	9/27/13
SPH Thickness (ft.) MW-4	0.02	0.02	0.01	0.05	0.31	0.02	0.17	0.28	0.07	0.00	0.00	0.00	0.02	0.00	
SPH Thickness (ft.) MW-5	0.02	0.06	0.00	0.22	0.25	0.05	0.04	0.42	0.03			0.03	0.02	0.00	
SPH Thickness (ft.) MW-8	0.48	1.16	0.07	0.57	0.95	0.02	0.13	0.29	0.04	0.00	0.00	0.00	0.03	0.00	
SPH Thickness (ft.) MW-9	0.08	0.05	0.00	0.17	0.23	0.20	0.17	0.61	0.62	0.40	0.06	0.67	0.09	0.37	0.39
SPH Thickness (ft.) MW-10	0.00	0.00	0.00	0.01	0.05	0.03	0.03	0.17	0.10	0.00	0.00	0.00	0.01	0.01	
SPH Thickness (ft.) MW-11	1.25	1.51	0.41	1.91	0.86	1.03	2.42	1.38	1.34	0.00	0.00	0.22	0.42	0.72	0.75
SPH Thickness (ft.) MW-12	1.64	1.91	0.83	1.37	1.62	0.84	0.27	1.67	1.38	0.00	0.00	0.00	0.04		
SPH Thickness (ft.) MW-16									0.01	0.00	0.00	0.00	0.00		
SPH Thickness (ft.) MW-17									0.48	0.02	0.00	0.28	0.02	0.08	0.31
SPH Thickness (ft.) MW-18									0.15	0.97	0.60	0.37	0.85	0.57	0.60
SPH Thickness (ft.) MW-22														0.10	0.74
SPH Thickness (ft.) MW-23														1.13	0.44
SPH Thickness (ft.) MW-24														0.47	0.89
SPH Thickness (ft.) OW-A										0.06	0.22		0.00		
SPH Thickness (ft.) OW-C				0.02	0.27	0.41	1.17	0.15	0.16	0.16	0.14	0.00	0.00		
Aggregate SPH Thickness (ft.)	3.49	4.71	1.32	4.32	4.54	2.60	4.40	4.97	4.38	1.61	1.02	1.57	1.50	3.45	4.12
Average Depth to Water (ft.)	27.66	28.87	22.69	23.62	26.22	27.78	24.49	27.52	27.52	27.19	26.79	26.35	26.67	28.25	28.79
Vapor Pounds Removed/Event	272	484	127	180	115	161	137	72	39	25	13	17	18	19	32
Cumulative Vapor Removed (lbs.)	**272**	**756**	**883**	**1,063**	**1,178**	**1,339**	**1,476**	**1,548**	**1,587**	**1,612**	**1,625**	**1,642**	**1,660**	**1,679**	**1,711**
Vapor Equivalent Gal Removed/Event	38	68	18	25	16	23	19	10	6	4	2	2	3	3	5
Cumulative Vapor Equiv. Gal. Removed	**38**	**106**	**124**	**150**	**166**	**189**	**208**	**218**	**224**	**227**	**229**	**231**	**234**	**237**	**241**
Liquid Phase Removed/Event (gal.)	24	546	20	14	27	40	33	25	29	6	8	0	7	64	42
Cumulative Liquid Phase Removed (Gal.)	**24**	**570**	**590**	**604**	**631**	**671**	**704**	**729**	**758**	**764**	**772**	**772**	**779**	**843**	**885**
Water Removed/Event (gal.)	1,950	1,704	2,109	1,800	1,935	2,038	2,046	1,692	1,499	607	1,042	1,868	1,225	2,258	1,887
Cumulative Water Removed (Gal.)	**1,950**	**3,654**	**5,763**	**7,563**	**9,498**	**11,536**	**13,582**	**15,274**	**16,773**	**17,380**	**18,422**	**20,290**	**21,515**	**23,773**	**25,660**
Total Liquid Removed/Event (Gal.)	1,974	2,250	2,129	1,814	1,962	2,078	2,079	1,717	1,528	613	1,050	1,868	1,868	2,322	1,929
Cumulative Total Liquid Removed (Gal.)	**1,974**	**4,224**	**6,353**	**8,167**	**10,129**	**12,207**	**14,286**	**16,003**	**17,531**	**18,144**	**19,194**	**21,062**	**22,930**	**25,252**	**27,181**
Equiv. Gal. Diesel Removed/Event	62	614	38	39	43	63	52	35	35	9.5	9.8	2.4	9.5	66.7	46.5
Cumulative Equiv. Gal. Removed	**62**	**676**	**714**	**754**	**797**	**860**	**912**	**947**	**982**	**991**	**1,001**	**1,003**	**1,013**	**1,080**	**1,126**

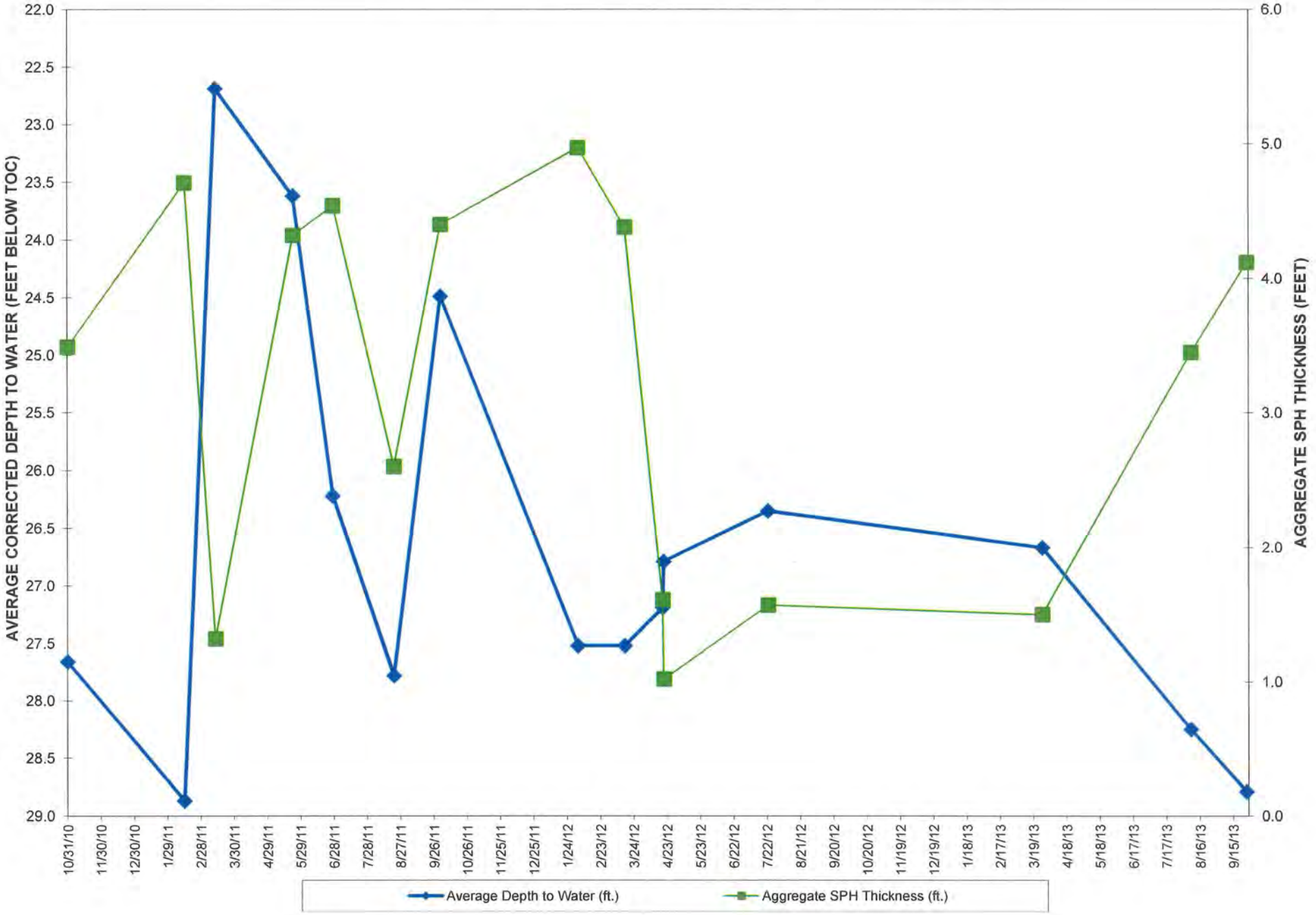
CUMULATIVE EFR® GRAPH

Green Island Terminal - 1 Osgood Avenue, Green Island, NY



AGGREGATE SPH THICKNESS VS. AVERAGE DEPTH TO WATER

Green Island Terminal - 1 Osgood Avenue, Green Island, NY



ECOVAC SERVICES
The World Leader in Mobile Dual-Phase/Multi-Phase Extraction
Patented SURFAC®/ISCO-EFR®/SOLV-IT® Technologies
Treatability Studies / Research & Development

January 31, 2014

Mr. Walter Shifrin
Shifrin & Associates, Inc.
230 S. Bemiston Avenue, Suite 305
St. Louis, Missouri 63105
wshifrin@shifrinandassociates.com

Subject: **Enhanced Fluid Recovery (EFR®) Results**
Event Nos. 16 and 17 (January 23-24, 2014)
Green Island Terminal
1 Osgood Avenue
Green Island, New York

Dear Mr. Shifrin:

Please find attached the data summary for EFR® events sixteen and seventeen conducted at the subject site on January 23 and 24, 2014 respectively. Previous EFR® events were conducted between October 31, 2010 and September 27, 2013. SURFAC® pilot tests were also conducted at the subject site on April 19 and 20, 2011. The following summarizes the results of EFR® at this site.

SUMMARY OF RESULTS

EFR® Event 16 (January 23, 2014)

Separate phase hydrocarbons (SPH) was detected in twelve gauged monitor wells prior to conducting this EFR® event ranging in thickness from 0.02 foot (OW-C) to 2.78 feet (MW-11). Additional historical SPH thicknesses are detailed in the attached Cumulative EFR® table and graphs.

This 16th EFR® event was conducted for a duration of eight hours at seven extraction points (MW-9, MW-11, MW-17, MW-18, MW-22, MW-23 and MW-24). An estimated total of 59.5 equivalent gallons of diesel were removed during this event, consisting of approximately 4.5 equivalent gallons of diesel (a calculated 32 pounds of petroleum hydrocarbons) as vapor phase and 55 gallons of SPH contained in the vacuum truck tank upon completion. This recovery is within the range of removals achieved during the previous events (approximately 2.3 to 614 equivalent gallons of diesel).

Vapor phase hydrocarbon removal rates ranged from 1.1 to 4.8 pounds per hour, with a trend of decreasing removal rates throughout this event. Offgas concentrations ranged from 760 to 3,000 parts per million (ppm), as compared to 400 to 36,000 ppm during the prior events. Flow rates

ranged from 69 to 78 cubic feet per minute (CFM), as compared to 39 to 206 CFM during prior events.

The vacuum readings recorded at the extraction wells during this EFR® event are detailed in the EFR® Field Data Sheet and summarized below:

Extraction Well Location	Vacuum Reading
MW-9	2 inches of mercury
MW-11	1 inch of mercury
MW-17	1 inch of mercury
MW-18	1 inch of mercury
MW-22	1 inch of mercury
MW-23	2 inches of mercury
MW-24	2 inches of mercury

Approximately 1,929 gallons of liquid (including approximately 55 gallons of SPH) were removed during this event and transported to Industrial Oil Tank Service Corporation (Oriskany, New York) for disposal.

EFR® Event 17 (January 24, 2014)

Separate phase hydrocarbons (SPH) was detected in seven gauged monitor wells prior to conducting this EFR® event ranging in thickness from 0.03 foot (MW-11) to 2.12 feet (MW-18). Additional historical SPH thicknesses are detailed in the attached Cumulative EFR® table and graphs.

This 17th EFR® event was conducted for a duration of eight hours at five extraction points. The initial three hours of extraction occurred at MW-4, MW-8, and MW-21. The remaining five hours of extraction occurred at MW-18 and MW-20. An estimated total of 29.8 equivalent gallons of diesel were removed during this event, consisting of approximately 7.8 equivalent gallons of diesel (a calculated 55 pounds of petroleum hydrocarbons) as vapor phase and 22 gallons of SPH contained in the vacuum truck tank upon completion. This recovery is within the range of removals achieved during the previous events (approximately 2.3 to 614 equivalent gallons of diesel).

Vapor phase hydrocarbon removal rates ranged from 1.7 to 7.6 pounds per hour, with a trend of decreasing removal rates throughout this event. Offgas concentrations ranged from 1,200 to 2,800 parts per million (ppm), as compared to 400 to 36,000 ppm during the prior events. Flow rates ranged from 83 to 132 cubic feet per minute (CFM), as compared to 39 to 206 CFM during prior events.

The vacuum readings recorded at the extraction wells during this EFR® event are detailed in the EFR® Field Data Sheet and summarized below:

Extraction Well Location	Vacuum Reading
MW-4	3 inches of mercury
MW-8	2 inches of mercury
MW-18	2 inches of mercury
MW-20	1 inch of mercury
MW-21	8 inches of mercury

Approximately 474 gallons of liquid (including approximately 22 gallons of SPH) were removed during this event and transported to Industrial Oil Tank Service Corporation (Oriskany, New York) for disposal.

A combined estimated total of 1,215 equivalent gallons of diesel have been removed by EFR® at this site. Some recharge of SPH was detected in the extraction wells upon completion of the 16th and 17th events, and is detailed on the EFR® Field Data Sheet.

Thank you for the continued opportunity to team with Shifrin & Associates in serving the environmental needs of Apex. We look forward to working with you again in the future to provide innovative and cost effective environmental solutions at this and other sites.

Sincerely,

David M. Goodrich

David M. Goodrich, P.G.
EcoVac Services

EFR® FIELD DATA SHEET

Client: Shifrin & Associates	Facility Name: Green Island Terminal	Event #: 16
Facility Address: 1 Osgood Avenue, Green Island, NY	Technician: Vitovic	Date: 1/23/14

Extraction Well(s)	Time hh:mm	Extraction Well-head Vacuum (in. Hg)										Vacuum Truck Exhaust				
Start Time:	6:00	Inlet	MW-9	MW-11	MW-17	MW-18	MW-22	MW-23	MW-24			Concentration PPM	Offgas Velocity FT/MIN	Flow Rate CFM	Removal Rate LBS/HR	Interval Removal LBS
MW-9,11,17,22,	6:15	20	2	1	1	1	1	2	2			3,000	1,600	78	4.8	1.2
23,24	6:30	20	2	1	1	1	1	2	2			2,600	1,600	78	4.2	1.0
"	6:45	20	2	1	1	1	1	2	2			2,600	1,600	78	4.2	1.0
"	7:00	20	2	1	1	1	1	2	2			2,200	1,600	78	3.5	0.9
"	7:30	20	2	1	1	1	1	2	2			2,200	1,400	69	3.1	1.6
"	8:00	20	2	1	1	1	1	2	2			2,000	1,400	69	2.8	1.4
	8:30	20	2	1	1	1	1	2	2			1,800	1,400	69	2.5	1.3
"	9:00	20	2	1	1	1	1	2	2			1,600	1,400	69	2.3	2.3
"	10:00	20	2	1	1	1	1	2	2			1,600	1,400	69	2.3	4.5
"	11:00	20	2	1	1	1	1	2	2			1,400	1,400	69	2.0	4.0
"	12:00	20	2	1	1	1	1	2	2			1,300	1,400	69	1.8	5.5
"	13:00	20	2	1	1	1	1	2	2			920	1,400	69	1.3	3.9
"	14:00	20	2	1	1	1	1	2	2			760	1,400	69	1.1	3.2

Well Gauging Data			Before Extraction			After Extraction			Corr. DTW
Well No.	Diam.	TD (ft)	DTS (ft)	DTW (ft)	SPH (ft)	DTS (ft)	DTW (ft)	SPH (ft)	Change (ft)
MW-4	4"		27.78	28.67	0.89				
MW-8	2"		26.20	26.55	0.35				
MW-9	2"		26.11	26.35	0.24	-	26.44	0.00	-0.29
MW-10	2"		-	27.48	0.00				
MW-11	2"		25.65	28.43	2.78	-	25.10	0.00	0.97
MW-15	4"		-	26.70	0.00				
MW-17	4"		25.60	26.42	0.82	-	25.39	0.00	0.33
MW-18	4"		25.70	27.80	2.10				
MW-19	4"		-	24.83	0.00				
MW-20	4"		24.85	26.15	1.30				
MW-21	4"		26.48	26.60	0.12				
MW-22	4"		26.34	27.30	0.96	-	28.04	0.00	-1.56
MW-23	4"		25.64	27.20	1.56	-	24.83	0.00	1.04
MW-24	4"		25.63	26.57	0.94	-	25.66	0.00	0.11
OW-C	4"		26.78	26.80	0.02				

Vacuum Truck Information	
Subcontractor:	AllVac
Truck Operator:	Vitovic
Truck No.:	152
Vacuum Pumps:	Becker
Pump Type:	Twin LC-44s
Tank Capacity (gal.):	2,894
Stack I.D. (inches)	3.0

Well ID	Breather Port	Stinger Depth
MW-9	0(closed)	30'
MW-11	0(closed)	30'
MW-17	0(closed)	28'
MW-18	0(closed)	28'
MW-22	0(closed)	28
MW-23	0(closed)	28
MW-24	0(closed)	28

Recovery/Disposal Information		
Hydrocarbons Removed (vapor):	32	pounds
Hydrocarbons Removed (vapor):	4.5	equiv. gal.
Hydrocarbons Removed (liquid):	55	gallons
Total Hydrocarbons Removed:	59.5	equiv. gal.
Molecular Weight Utilized:	130	g/mole
Disposal Facility:	Industrial Oil Tank - Oriskany, NY	
Total Liquids Removed:	1,929	gallons

ECOVAC SERVICES

Time:	06:00 to 14:00
# Pumps:	2
RPMs:	1,000

Notes:

EFR® FIELD DATA SHEET

Client: Shifrin & Associates	Facility Name: Green Island Terminal	Event #: 17
Facility Address: 1 Osgood Avenue, Green Island, NY	Technician: Vitovic	Date: 1/24/14

Extraction Well(s)	Time hh:mm	Extraction Well-head Vacuum (in. Hg)										Vacuum Truck Exhaust				
Start Time:	6:00	Inlet	MW-4	MW-8	MW-18	MW-20	MW-21					Concentration PPM	Offgas Velocity FT/MIN	Flow Rate CFM	Removal Rate LBS/HR	Interval Removal LBS
MW-4,8,21	6:15	20	3	2	-	-	8					2,800	2,700	132	7.6	1.9
"	6:30	20	3	2	-	-	8					2,400	2,700	132	6.5	1.6
"	6:45	20	3	2	-	-	8					2,200	2,500	123	5.5	1.4
"	7:00	20	3	2	-	-	8					1,800	2,500	123	4.5	1.1
"	7:30	20	3	2	-	-	8					1,400	2,500	123	3.5	1.8
"	8:00	20	3	2	-	-	8					1,400	2,500	123	3.5	1.8
"	9:00	20	3	2	-	-	8					1,200	2,500	123	3.0	3.0
MW-18,20	9:15	21	-	-	2	1	-					1,400	1,700	83	2.4	4.2
"	9:30	21	-	-	2	1	-					1,400	1,700	83	2.4	3.6
"	9:45	21	-	-	2	1	-					1,200	1,700	83	2.1	1.5
"	10:00	21	-	-	2	1	-					1,000	1,700	83	1.7	1.7
"	10:30	21	-	-	2	1	-					1,200	1,700	83	2.1	2.6
"	11:00	21	-	-	2	1	-					1,600	1,700	83	2.7	5.5
"	12:00	21	-	-	2	1	-					1,400	1,700	83	2.4	6.6
"	13:00	21	-	-	2	1	-					1,400	1,700	83	2.4	8.4
"	14:00	21	-	-	2	1	-					1,200	1,700	83	2.1	8.7

Well Gauging Data			Before Extraction			After Extraction			Corr. DTW
Well No.	Diam.	TD (ft)	DTS (ft)	DTW (ft)	SPH (ft)	DTS (ft)	DTW (ft)	SPH (ft)	Change (ft)
MW-4	2"		27.75	28.06	0.31	-	26.71	0.00	1.09
MW-8	2"		26.14	26.53	0.39	-	25.44	0.00	0.76
MW-9	4"		-	26.13	0.00				
MW-11	4"		25.70	25.73	0.03				
MW-17	4"		-	26.31	0.00				
MW-18	4"		25.74	27.86	2.12	-	29.51	0.00	-3.45
MW-19	4"		-	24.91	0.00				
MW-20	4"		24.77	26.19	1.42	-	25.89	0.00	-0.91
MW-21	4"		26.45	26.59	0.14	-	29.64	0.00	-3.17
MW-22	4"		26.50	26.56	0.06				
MW-23	4"		-	25.10	0.00				
MW-24	4"		-	25.61	0.00				

Vacuum Truck Information	
Subcontractor:	AllVac
Truck Operator:	Vitovic
Truck No.:	152
Vacuum Pumps:	Becker
Pump Type:	Twin LC-44s
Tank Capacity (gal.):	2,894
Stack I.D. (inches)	3.0

Well ID	Breather Port	Stinger Depth
MW-4	0(closed)	27'
MW-8	0(closed)	26'
MW-18	0(closed)	30'
MW-20	0(closed)	30'
MW-21	0(closed)	26'

Recovery/Disposal Information		
Hydrocarbons Removed (vapor):	55	pounds
Hydrocarbons Removed (vapor):	7.8	equiv. gal.
Hydrocarbons Removed (liquid)	22	gallons
Total Hydrocarbons Removed:	29.8	equiv. gal.
Molecular Weight Utilized:	130	g/mole
Disposal Facility:	Industrial Oil Tank - Oriskany, NY	
Total Liquids Removed:	474	gallons

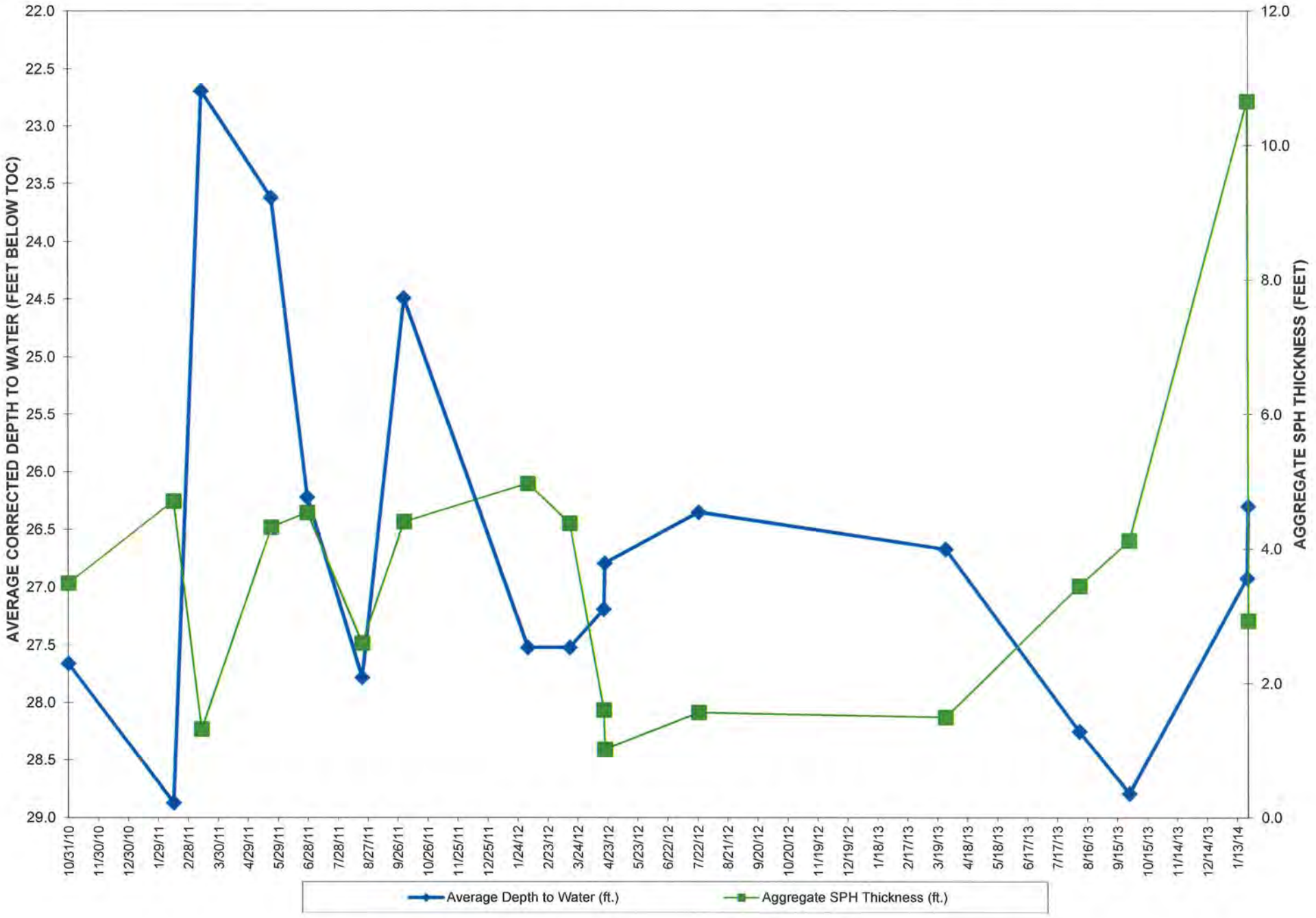
ECOVAC SERVICES

Time:	06:00 to 14:00
# Pumps:	2
RPMs:	1,000

Notes:

AGGREGATE SPH THICKNESS VS. AVERAGE DEPTH TO WATER

Green Island Terminal - 1 Osgood Avenue, Green Island, NY



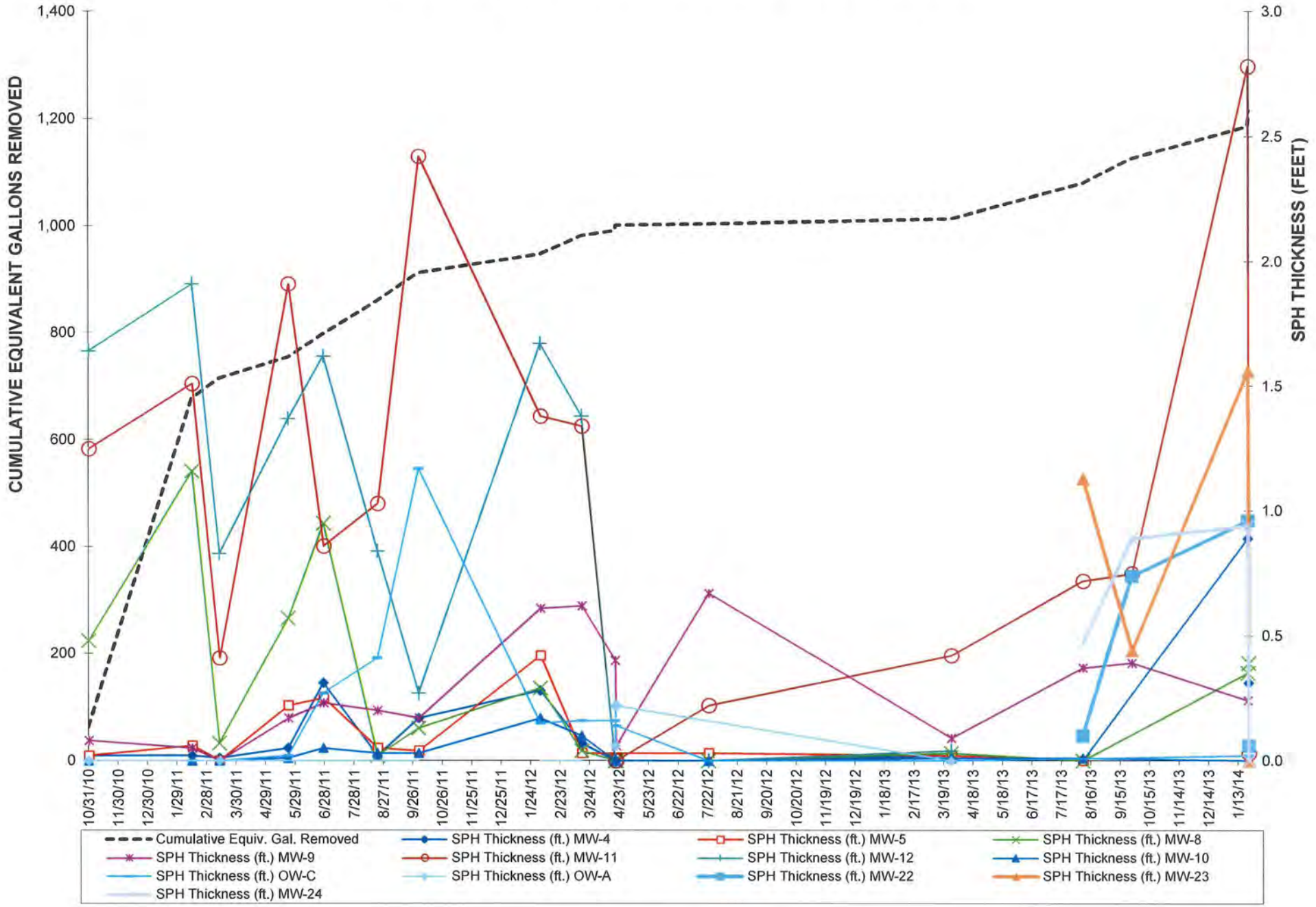
CUMULATIVE EFR® DATA TABLE

Green Island Terminal
1 Osgood Avenue
Green Island, NY

Event No.	1	2	3	4	5	6	7	8	9	10 (pilot)	11 (pilot)	12	13	14	15	16	17
Date	10/31/10	2/13/11	3/13/11	5/22/11	6/27/11	8/21/11	10/2/11	2/3/12	3/16/12	4/19/12	4/20/12	7/23/12	3/27/13	8/8/13	9/27/13	1/23/14	1/24/14
SPH Thickness (ft.) MW-4	0.02	0.02	0.01	0.05	0.31	0.02	0.17	0.28	0.07	0.00	0.00	0.00	0.02	0.00		0.89	0.31
SPH Thickness (ft.) MW-5	0.02	0.06	0.00	0.22	0.25	0.05	0.04	0.42	0.03			0.03	0.02	0.00			
SPH Thickness (ft.) MW-8	0.48	1.16	0.07	0.57	0.95	0.02	0.13	0.29	0.04	0.00	0.00	0.00	0.03	0.00		0.35	0.39
SPH Thickness (ft.) MW-9	0.08	0.05	0.00	0.17	0.23	0.20	0.17	0.61	0.62	0.40	0.06	0.67	0.09	0.37	0.39	0.24	0.00
SPH Thickness (ft.) MW-10	0.00	0.00	0.00	0.01	0.05	0.03	0.03	0.17	0.10	0.00	0.00	0.00	0.01	0.01		0.00	
SPH Thickness (ft.) MW-11	1.25	1.51	0.41	1.91	0.86	1.03	2.42	1.38	1.34	0.00	0.00	0.22	0.42	0.72	0.75	2.78	0.03
SPH Thickness (ft.) MW-12	1.64	1.91	0.83	1.37	1.62	0.84	0.27	1.67	1.38	0.00	0.00	0.00	0.04				
SPH Thickness (ft.) MW-16									0.01	0.00	0.00	0.00	0.00				
SPH Thickness (ft.) MW-17									0.48	0.02	0.00	0.28	0.02	0.08	0.31	0.82	0.00
SPH Thickness (ft.) MW-18									0.15	0.97	0.60	0.37	0.85	0.57	0.60	2.10	2.12
SPH Thickness (ft.) MW-22														0.10	0.74	0.96	0.06
SPH Thickness (ft.) MW-23														1.13	0.44	1.56	0.00
SPH Thickness (ft.) MW-24														0.47	0.89	0.94	0.00
SPH Thickness (ft.) OW-A										0.06	0.22		0.00				
SPH Thickness (ft.) OW-C				0.02	0.27	0.41	1.17	0.15	0.16	0.16	0.14	0.00	0.00			0.02	0.02
Aggregate SPH Thickness (ft.)	3.49	4.71	1.32	4.32	4.54	2.60	4.40	4.97	4.38	1.61	1.02	1.57	1.50	3.45	4.12	10.66	2.93
Average Depth to Water (ft.)	27.66	28.87	22.69	23.62	26.22	27.78	24.49	27.52	27.52	27.19	26.79	26.35	26.67	28.25	28.79	26.92	26.30
Vapor Pounds Removed/Event	272	484	127	180	115	161	137	72	39	25	13	17	18	19	32	32	55
Cumulative Vapor Removed (lbs.)	272	756	883	1,063	1,178	1,339	1,476	1,548	1,587	1,612	1,625	1,642	1,660	1,679	1,711	1,743	1,798
Vapor Equivalent Gal Removed/Event	38	68	18	25	16	23	19	10	6	4	2	2	3	3	5	5	8
Cumulative Vapor Equiv. Gal. Removed	38	106	124	150	166	189	208	218	224	227	229	231	234	237	241	246	253
Liquid Phase Removed/Event (gal.)	24	546	20	14	27	40	33	25	29	6	8	0	7	64	42	55	22
Cumulative Liquid Phase Removed (Gal.)	24	570	590	604	631	671	704	729	758	764	772	772	779	843	885	940	962
Water Removed/Event (gal.)	1,950	1,704	2,109	1,800	1,935	2,038	2,046	1,692	1,499	607	1,042	1,868	1,225	2,258	1,887	1,874	452
Cumulative Water Removed (Gal.)	1,950	3,654	5,763	7,563	9,498	11,536	13,582	15,274	16,773	17,380	18,422	20,290	21,515	23,773	25,660	27,534	27,986
Total Liquid Removed/Event (Gal.)	1,974	2,250	2,129	1,814	1,962	2,078	2,079	1,717	1,528	613	1,050	1,868	1,868	2,322	1,929	1,929	474
Cumulative Total Liquid Removed (Gal.)	1,974	4,224	6,353	8,167	10,129	12,207	14,286	16,003	17,531	18,144	19,194	21,062	22,930	25,252	27,181	29,110	29,584
Equiv. Gal. Diesel Removed/Event	62	614	38	39	43	63	52	35	35	9.5	9.8	2.4	9.5	66.7	46.5	59.5	29.8
Cumulative Equiv. Gal. Removed	62	676	714	754	797	860	912	947	982	991	1,001	1,003	1,013	1,080	1,126	1,186	1,215

CUMULATIVE EFR® GRAPH

Green Island Terminal - 1 Osgood Avenue, Green Island, NY



NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	1		

GENERATOR

5. Generator's Name and Mailing Address

Generator's Site Address (if different than mailing address)
GREEN ISLAND TERMINAL
2 OSGOOD AVE.
GREEN ISLAND NY

Generator's Phone:

6 Transporter 1 Company Name
ALLVAC SVCS.

U.S. EPA ID Number
GAR000026591

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
INDUSTRIAL OIL TANK SVCS. CORP.
120 Day Rd.
OLISKANY, NY. 13424

U.S. EPA ID Number

Facility's Phone: (315) 736-6080

	9. Waste Shipping Name and Description	10. Containers No	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1	NON-HAZARDOUS; NON Regulated Petroleum Impacted Groundwater	-1-	TT	474	G	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: KARL VITOVIZ ON Behalf of Shipper
Signature: Karl Vitoviz
Month: 1 Day: 24 Year: 14

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: KARL J. VITOVIZ JR
Signature: Karl Vitoviz
Month: 1 Day: 24 Year: 14

Transporter 2 Printed/Typed Name
Signature
Month: Day: Year:

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)

Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: FRANK WENZ
Signature: Frank Wenz
Month: 1 Day: 24 Year: 14

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	1		

GENERATOR

5. Generator's Name and Mailing Address

Generator's Phone:

Generator's Site Address (if different than mailing address)
GREEN ISLAND TERMINAL
3 OSGOOD AVE.
GREEN ISLAND, N.Y.

6. Transporter 1 Company Name: ALLVAC SVCS. — U.S. EPA ID Number: GA0000026591

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address: INDUSTRIAL OIL TANK SVCS. CORP.
120 DRY RD.
ORISKANY, NY 13424
Facility's Phone: (315) 736-6080 — U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON-HAZARDOUS, NON-REGULATED PETROLEUM IMPACTED GROUNDWATER	-1-	TT	1929	G	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: KARI VITOVIC ON BEHALF OF SHIPRIM — Signature — Month 1 Day 23 Year 14

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: KARI J. VITOVIC JR. — Signature — Month 1 Day 23 Year 14

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: FRANK LORENZ — Signature — Month 1 Day 23 Year 14

DESIGNATED FACILITY TO GENERATOR

EXHIBIT II

SHIFRIN & ASSOCIATES, INC.

WELL COMPLETION REPORT

Incident No.: _____ Well No.: MW-20

Site Name: Green Island, NY Date Drilled Start: 07/31/13

Drilling Contractor: Aquifer Drilling Date Completed: 08/02/13

Driller: _____ Geologist: _____

Drilling Method: CME-75 6.25 ID HSA Drilling Fluids (type): _____

Annular Space Details

Type of Surface Seal: Concrete

Type of Annular Sealant: Bentonite

Type of Bentonite Seal (Granular, Pellet): chips

Type of Sand Pack: Industrial Quartz

Well Construction Materials

	Stainless Steel Specify Type	PVC Specify Type	Other Specify Type
Riser coupling joint		Threaded	
Riser pipe above w.t.		Sch 40	
Riser pipe below w.t.		Sch 40	
Screen		Sch 40	
Coupling joint screen to riser		Threaded	
Protective casing			

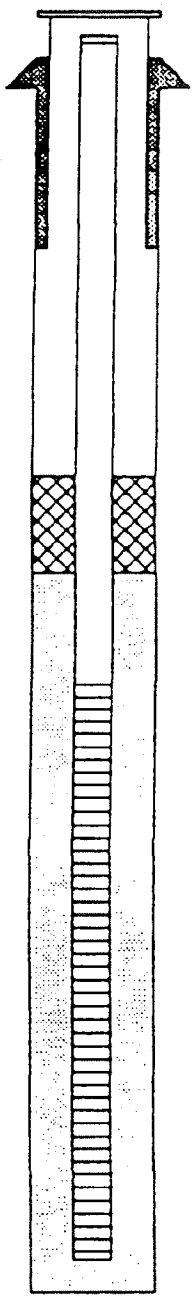
Measurements

to .01 ft (where applicable)

Riser pipe length	14.42
Screen length	15'
Screen slot size	0.020
Protective casing length	
Depth to water	27.48
Elevation of water	
Free Product thickness	0.02'
Gallons removed (develop)	
Gallons removed (purge)	
Other	

Completed by: RCS

Elevations - .01 ft.



_____ Top of Protective Casing

_____ Top of Riser Pipe

_____ Ground Surface

1' Top of Annular Sealant

_____ Casing Stickup

1.00 Top of Seal

11.42 Total Seal Interval

12.42 Top of Sand

14.42 Top of Screen

15' Total Screen Interval

_____ Bottom of Screen

29.42 Bottom of Borehole

SHIFRIN & ASSOCIATES, INC.

WELL COMPLETION REPORT

Incident No.: _____ Well No.: MW-21

Site Name: Green Island, NY Date Drilled Start: 07/31/13

Drilling Contractor: Aquifer Drilling Date Completed: 08/02/13

Driller: _____ Geologist: _____

Drilling Method: CME-75 6.25 ID HSA Drilling Fluids (type): _____

Annular Space Details

Type of Surface Seal: Concrete

Type of Annular Sealant: Bentonite

Type of Bentonite Seal (Granular, Pellet): chips

Type of Sand Pack: Industrial Quartz

Well Construction Materials

	Stainless Steel Specify Type	PVC Specify Type	Other Specify Type
Riser coupling joint		Threaded	
Riser pipe above w.t.		Sch 40	
Riser pipe below w.t.		Sch 40	
Screen		Sch 40	
Coupling joint screen to riser		Threaded	
Protective casing			

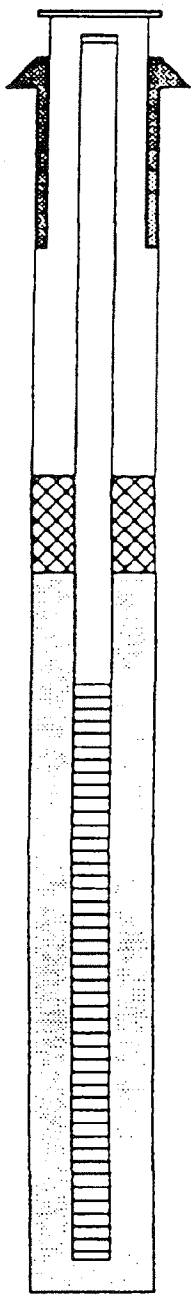
Measurements

to .01 ft (where applicable)

Riser pipe length	16.20
Screen length	15'
Screen slot size	0.020
Protective casing length	
Depth to water	28.60
Elevation of water	
Free Product thickness	0.01'
Gallons removed (develop)	
Gallons removed (purge)	
Other	

Completed by: RCS

Elevations - .01 ft.



_____ Top of Protective Casing

_____ Top of Riser Pipe

_____ Ground Surface

1' Top of Annular Sealant

_____ Casing Stickup

1.00 Top of Seal

13.20 Total Seal Interval

14.20 Top of Sand

16.20 Top of Screen

15' Total Screen Interval

_____ Bottom of Screen

31.20 Bottom of Borehole

SHIFRIN & ASSOCIATES, INC.

WELL COMPLETION REPORT

Incident No.: _____ Well No.: MW-22

Site Name: Green Island, NY Date Drilled Start: 07/31/13

Drilling Contractor: Aquifer Drilling Date Completed: 08/02/13

Driller: _____ Geologist: _____

Drilling Method: CME-75 6.25 ID HSA Drilling Fluids (type): _____

Annular Space Details

Type of Surface Seal: Concrete

Type of Annular Sealant: Bentonite

Type of Bentonite Seal (Granular, Pellet): chips

Type of Sand Pack: Industrial Quartz

Well Construction Materials

	Stainless Steel Specify Type	PVC Specify Type	Other Specify Type
Riser coupling joint		Threaded	
Riser pipe above w.t.		Sch 40	
Riser pipe below w.t.		Sch 40	
Screen		Sch 40	
Coupling joint screen to riser		Threaded	
Protective casing			

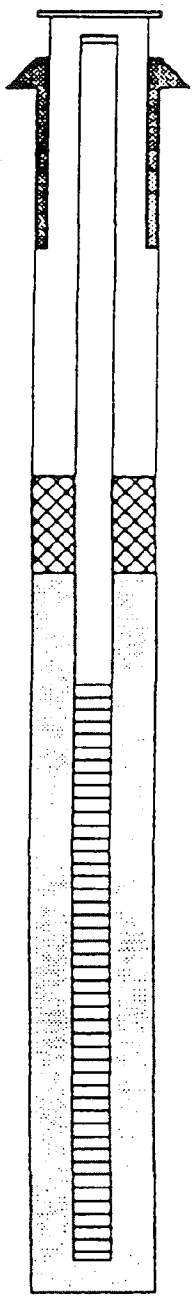
Measurements

to .01 ft (where applicable)

Riser pipe length	16.60
Screen length	15'
Screen slot size	0.020
Protective casing length	
Depth to water	28.60
Elevation of water	
Free Product thickness	0.01'
Gallons removed (develop)	
Gallons removed (purge)	
Other	

Completed by: RCS

Elevations - .01 ft.



_____ Top of Protective Casing

_____ Top of Riser Pipe

_____ Ground Surface

1' Top of Annular Sealant

_____ Casing Stickup

1.00 Top of Seal

13.60 Total Seal Interval

14.60 Top of Sand

16.60 Top of Screen

15' Total Screen Interval

_____ Bottom of Screen

31.60 Bottom of Borehole

SHIFRIN & ASSOCIATES, INC.

WELL COMPLETION REPORT

Incident No.: _____
Site Name: Green Island, NY
Drilling Contractor: Aquifer Drilling
Driller: _____
Drilling Method: CME-75 6.25 ID HSA

Well No.: MW-23
Date Drilled Start: 07/31/13
Date Completed: 08/02/13
Geologist: _____
Drilling Fluids (type): _____

Annular Space Details

Type of Surface Seal: Concrete
Type of Annular Sealant: Bentonite
Type of Bentonite Seal (Granular, Pellet): chips

Type of Sand Pack: Industrial Quartz

Well Construction Materials

	Stainless Steel Specify Type	PVC Specify Type	Other Specify Type
Riser coupling joint		Threaded	
Riser pipe above w.t.		Sch 40	
Riser pipe below w.t.		Sch 40	
Screen		Sch 40	
Coupling joint screen to riser		Threaded	
Protective casing			

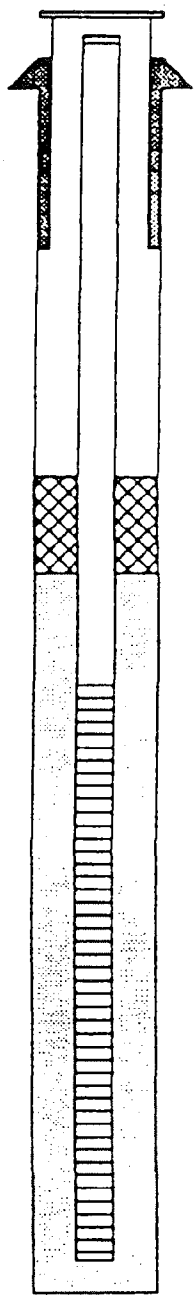
Measurements

to .01 ft (where applicable)

Riser pipe length	17.83
Screen length	15'
Screen slot size	0.020
Protective casing length	
Depth to water	27.40
Elevation of water	
Free Product thickness	0.06'
Gallons removed (develop)	
Gallons removed (purge)	
Other	

Completed by: RCS

Elevations - .01 ft.



_____ Top of Protective Casing
_____ Top of Riser Pipe
_____ Ground Surface
1' Top of Annular Sealant
_____ Casing Stickup

1.00 Top of Seal
14.83 Total Seal Interval
15.83 Top of Sand

17.83 Top of Screen

15' Total Screen Interval

_____ Bottom of Screen
32.83 Bottom of Borehole

SHIFRIN & ASSOCIATES, INC.

WELL COMPLETION REPORT

Incident No.: _____ Well No.: MW-24

Site Name: Green Island, NY Date Drilled Start: 07/31/13

Drilling Contractor: Aquifer Drilling Date Completed: 08/02/13

Driller: _____ Geologist: _____

Drilling Method: CME-75 6.25 ID HSA Drilling Fluids (type): _____

Annular Space Details

Type of Surface Seal: Concrete

Type of Annular Sealant: Bentonite

Type of Bentonite Seal (Granular, Pellet): chips

Type of Sand Pack: Industrial Quartz

Well Construction Materials

	Stainless Steel Specify Type	PVC Specify Type	Other Specify Type
Riser coupling joint		Threaded	
Riser pipe above w.t.		Sch 40	
Riser pipe below w.t.		Sch 40	
Screen		Sch 40	
Coupling joint screen to riser		Threaded	
Protective casing			

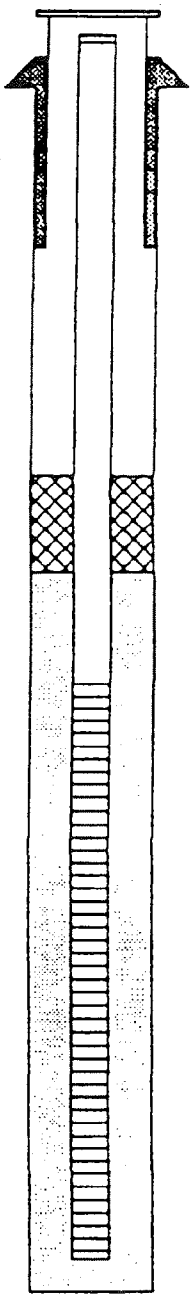
Measurements

to .01 ft (where applicable)

Riser pipe length	17.48
Screen length	15'
Screen slot size	0.020
Protective casing length	
Depth to water	27.40
Elevation of water	
Free Product thickness	
Gallons removed (develop)	
Gallons removed (purge)	
Other	

Completed by: RCS

Elevations - .01 ft.



_____ Top of Protective Casing

_____ Top of Riser Pipe

_____ Ground Surface

1' Top of Annular Sealant

_____ Casing Stickup

1.00 Top of Seal

14.48 Total Seal Interval

15.48 Top of Sand

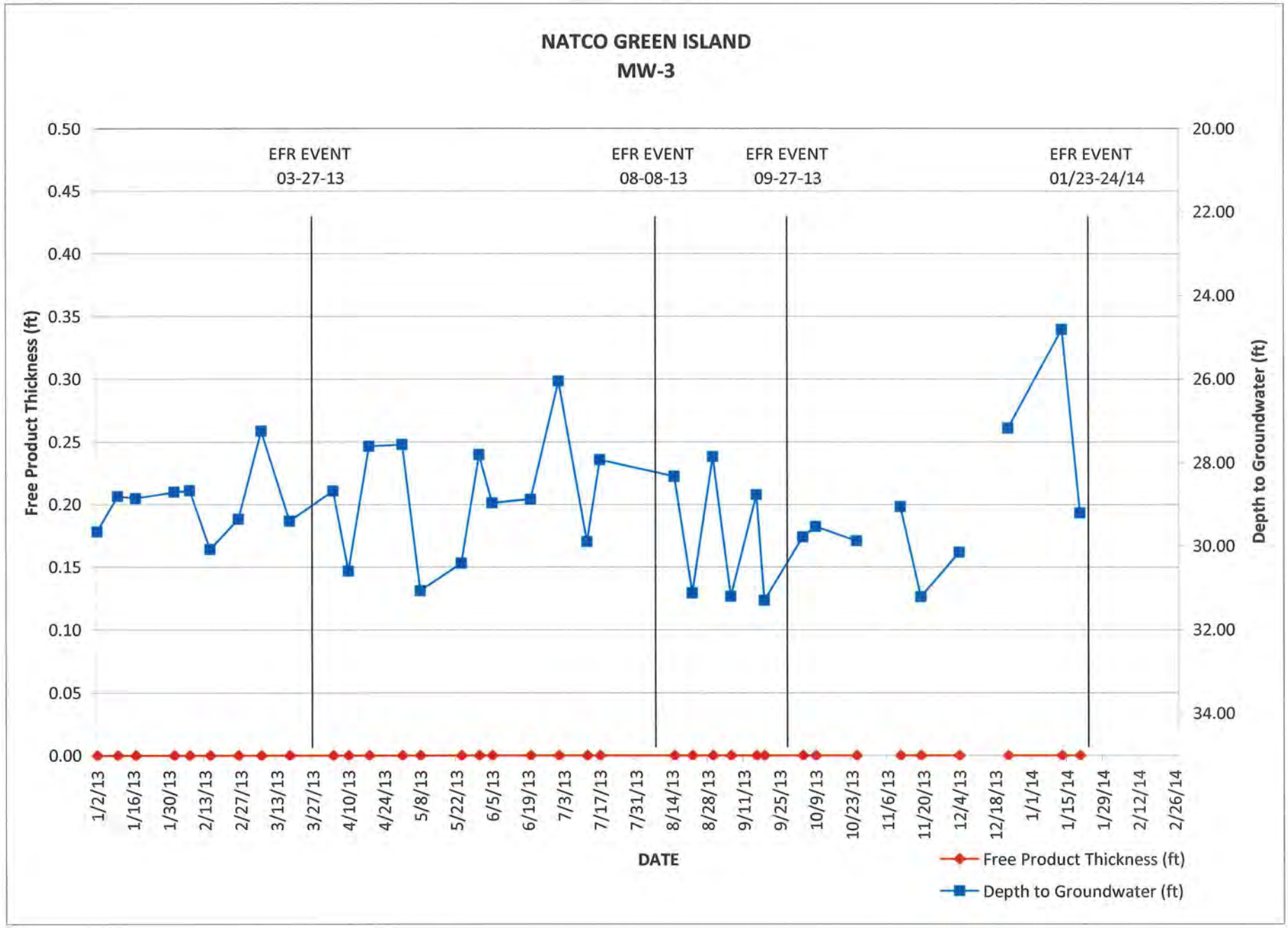
17.48 Top of Screen

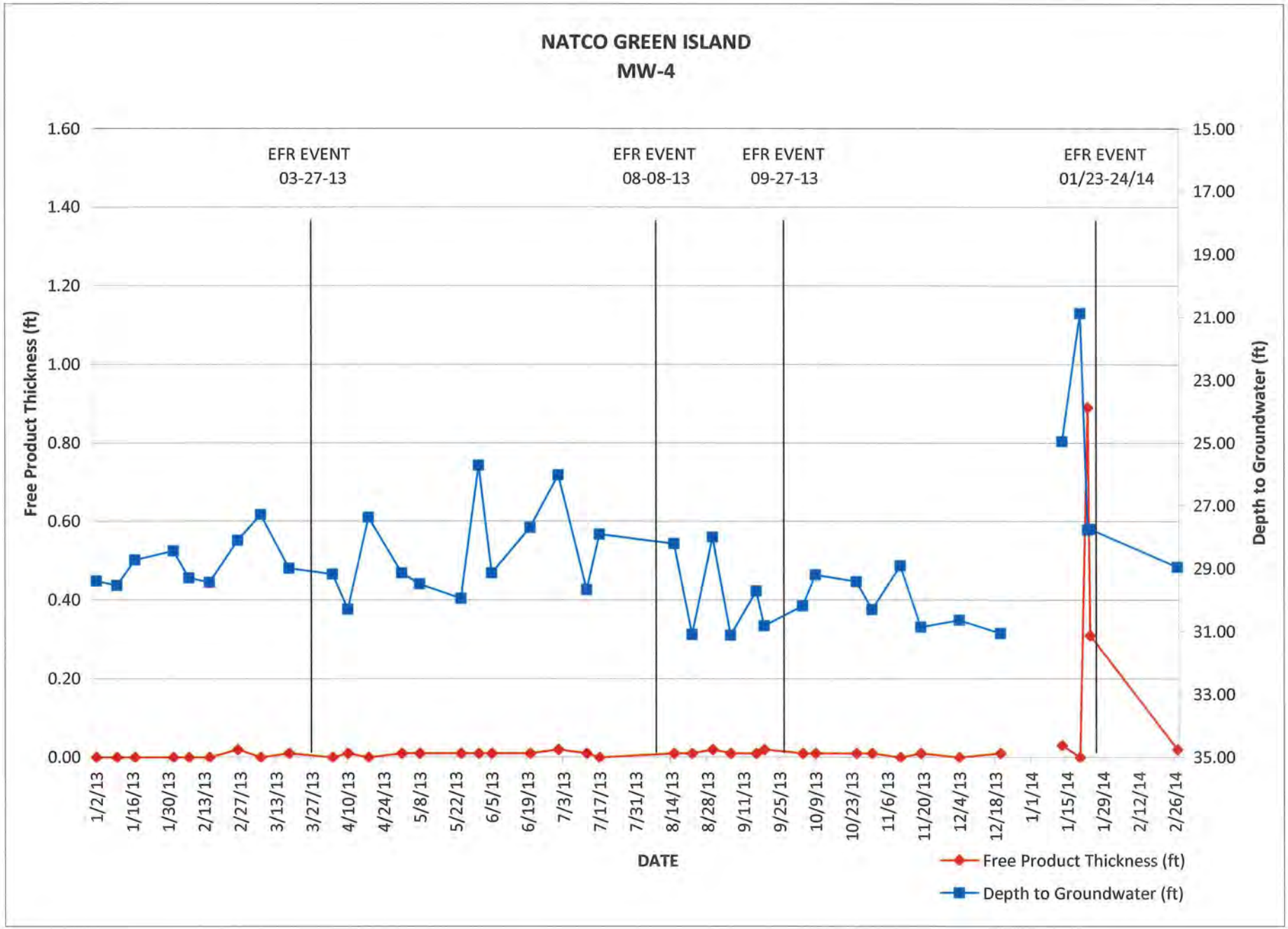
15' Total Screen Interval

_____ Bottom of Screen

32.48 Bottom of Borehole

EXHIBIT III


NATCO GREEN ISLAND
MW-3
EFR EVENT
03-27-13
EFR EVENT
08-08-13
EFR EVENT
09-27-13
EFR EVENT
01/23-24/14
Free Product Thickness (ft)
Depth to Groundwater (ft)
0.50
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
20.00
22.00
24.00
26.00
28.00
30.00
32.00
34.00
1/2/13
1/16/13
1/30/13
2/13/13
2/27/13
3/13/13
3/27/13
4/10/13
4/24/13
5/8/13
5/22/13
6/5/13
6/19/13
7/3/13
7/17/13
7/31/13
8/14/13
8/28/13
9/11/13
9/25/13
10/9/13
10/23/13
11/6/13
11/20/13
12/4/13
12/18/13
1/1/14
1/15/14
1/29/14
2/12/14
2/26/14
DATE
Free Product Thickness (ft)
Depth to Groundwater (ft)


NATCO GREEN ISLAND
MW-4
EFR EVENT
03-27-13
EFR EVENT
08-08-13
EFR EVENT
09-27-13
EFR EVENT
01/23-24/14
Free Product Thickness (ft)
Depth to Groundwater (ft)
1.60
1.40
1.20
1.00
0.80
0.60
0.40
0.20
0.00
15.00
17.00
19.00
21.00
23.00
25.00
27.00
29.00
31.00
33.00
35.00
1/2/13
1/16/13
1/30/13
2/13/13
2/27/13
3/13/13
3/27/13
4/10/13
4/24/13
5/8/13
5/22/13
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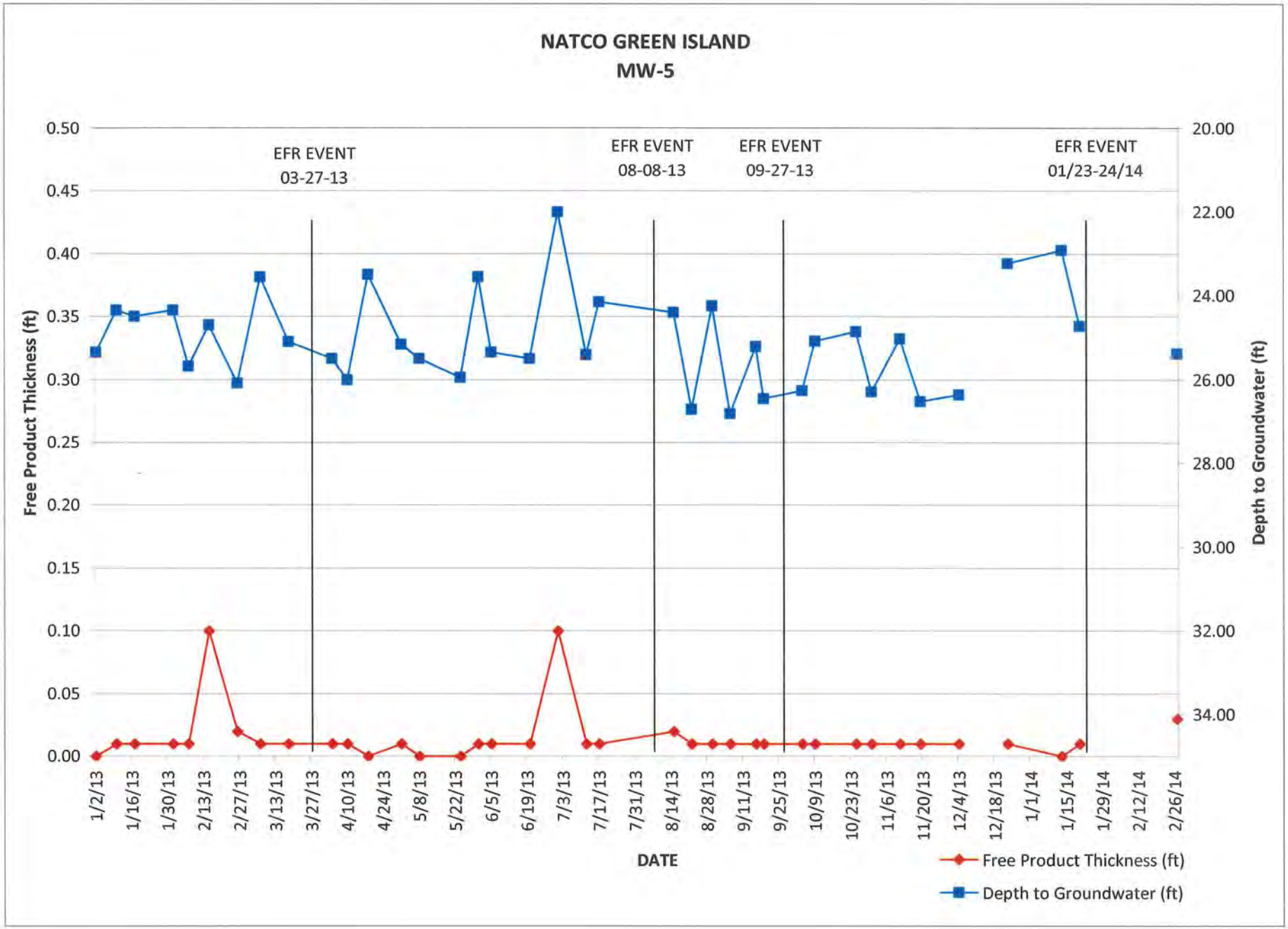
6/19/13
7/3/13
7/17/13
7/31/13
8/14/13
8/28/13
9/11/13
9/25/13
10/9/13
10/23/13
11/6/13
11/20/13
12/4/13
12/18/13
1/1/14
1/15/14
1/29/14
2/12/14
2/26/14
DATE
Free Product Thickness (ft)
Depth to Groundwater (ft)


NATCO GREEN ISLAND
MW-5
EFR EVENT
03-27-13
EFR EVENT
08-08-13
EFR EVENT
09-27-13
EFR EVENT
01/23-24/14
Free Product Thickness (ft)
Depth to Groundwater (ft)
0.50
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
20.00
22.00
24.00
26.00
28.00
30.00
32.00
34.00
1/2/13
1/16/13
1/30/13
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6/19/13
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7/17/13
7/31/13
8/14/13
8/28/13
9/11/13
9/25/13
10/9/13
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11/6/13
11/20/13
12/4/13
12/18/13
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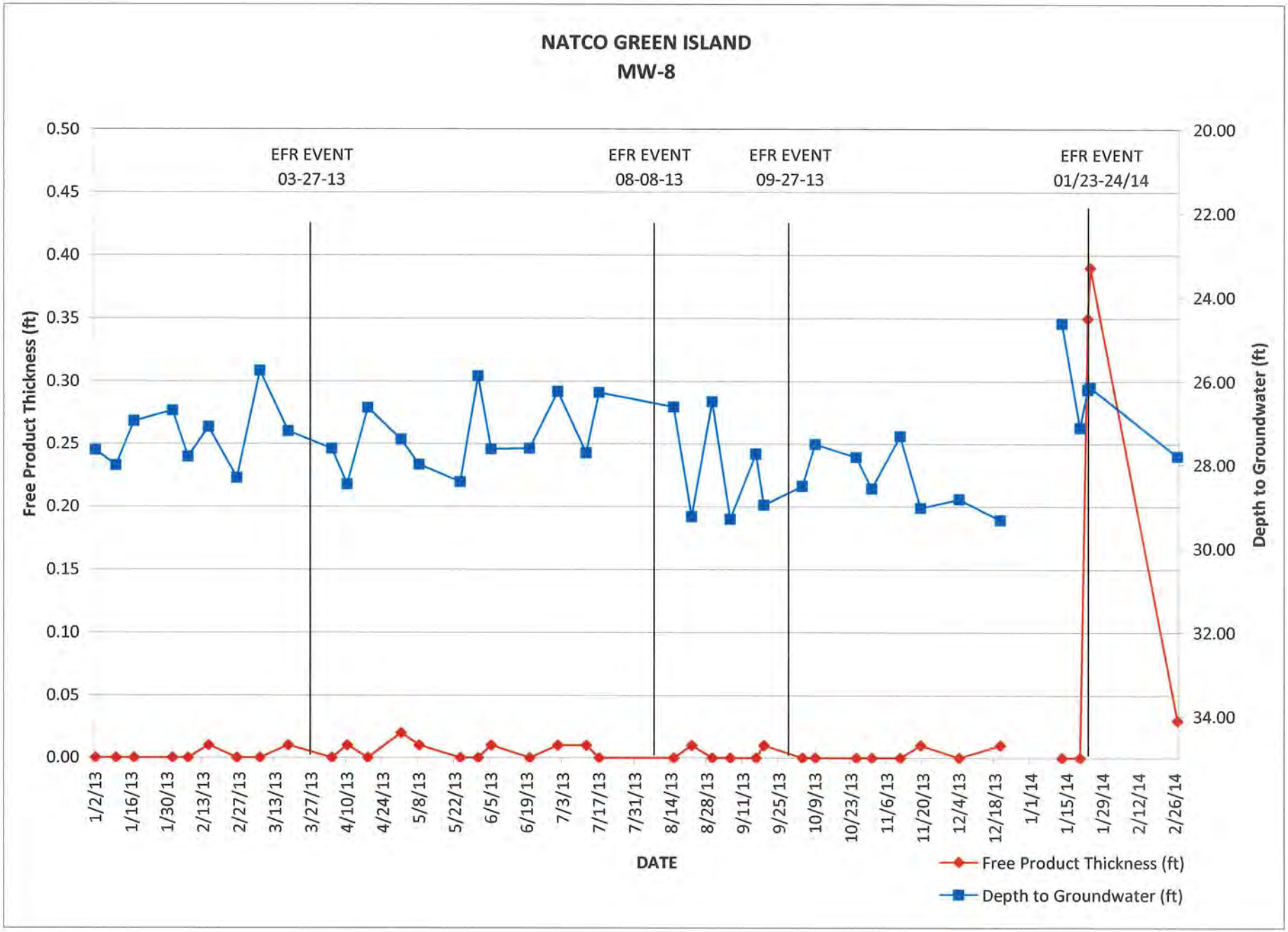
1/15/14
1/29/14
2/12/14
2/26/14
DATE
Free Product Thickness (ft)
Depth to Groundwater (ft)


NATCO GREEN ISLAND
MW-8
EFR EVENT
03-27-13
EFR EVENT
08-08-13
EFR EVENT
09-27-13
EFR EVENT
01/23-24/14
Free Product Thickness (ft)
Depth to Groundwater (ft)
0.50
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
20.00
22.00
24.00
26.00
28.00
30.00
32.00
34.00
1/2/13
1/16/13
1/30/13
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2/27/13
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3/27/13
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4/24/13
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7/17/13
7/31/13
8/14/13
8/28/13
9/11/13
9/25/13
10/9/13
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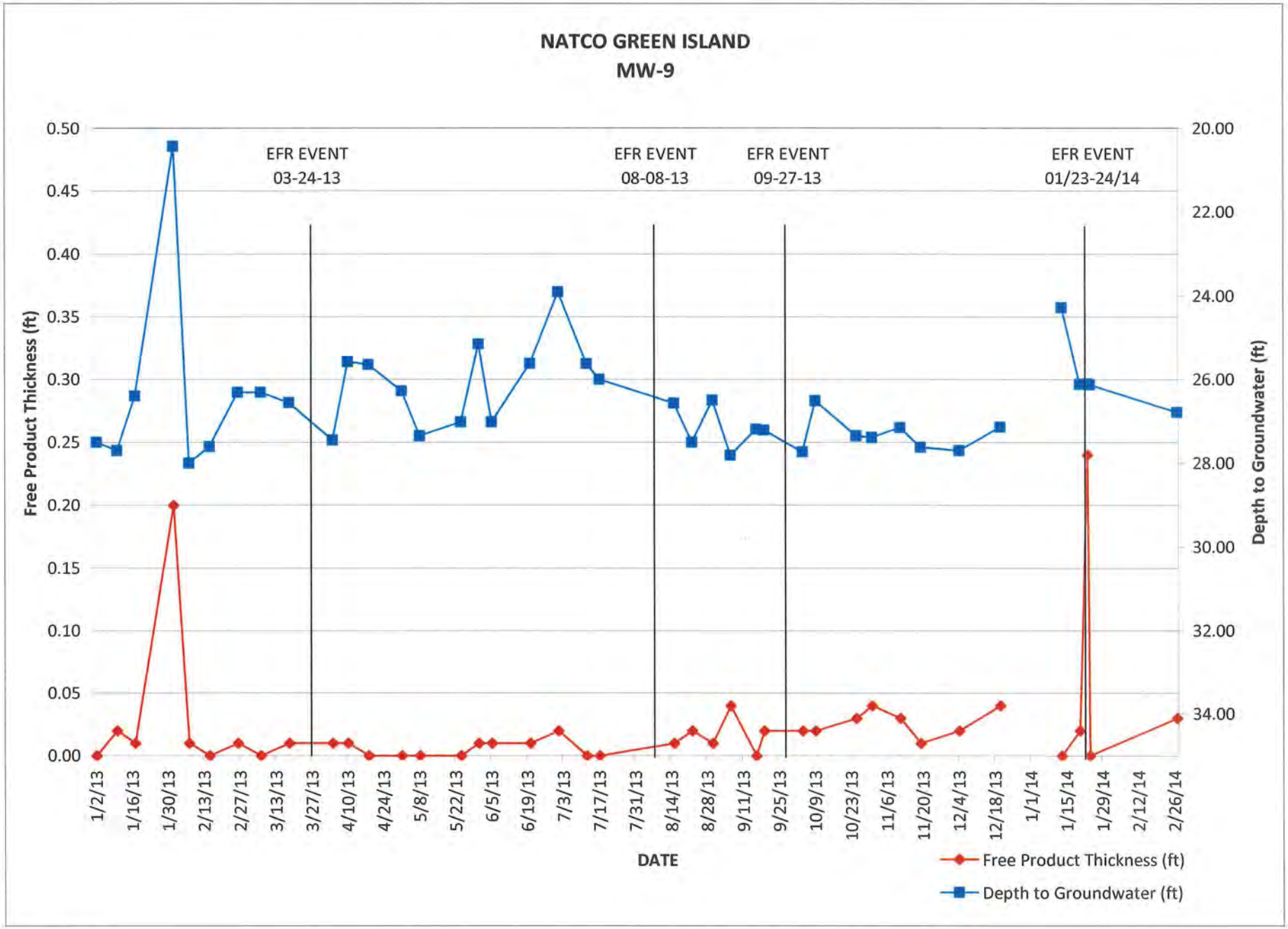
11/6/13
11/20/13
12/4/13
12/18/13
1/1/14
1/15/14
1/29/14
2/12/14
2/26/14
DATE
Free Product Thickness (ft)
Depth to Groundwater (ft)


NATCO GREEN ISLAND
MW-9
EFR EVENT
03-24-13
EFR EVENT
08-08-13
EFR EVENT
09-27-13
EFR EVENT
01/23-24/14
Free Product Thickness (ft)
Depth to Groundwater (ft)
0.50
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
20.00
22.00
24.00
26.00
28.00
30.00
32.00
34.00
1/2/13
1/16/13
1/30/13
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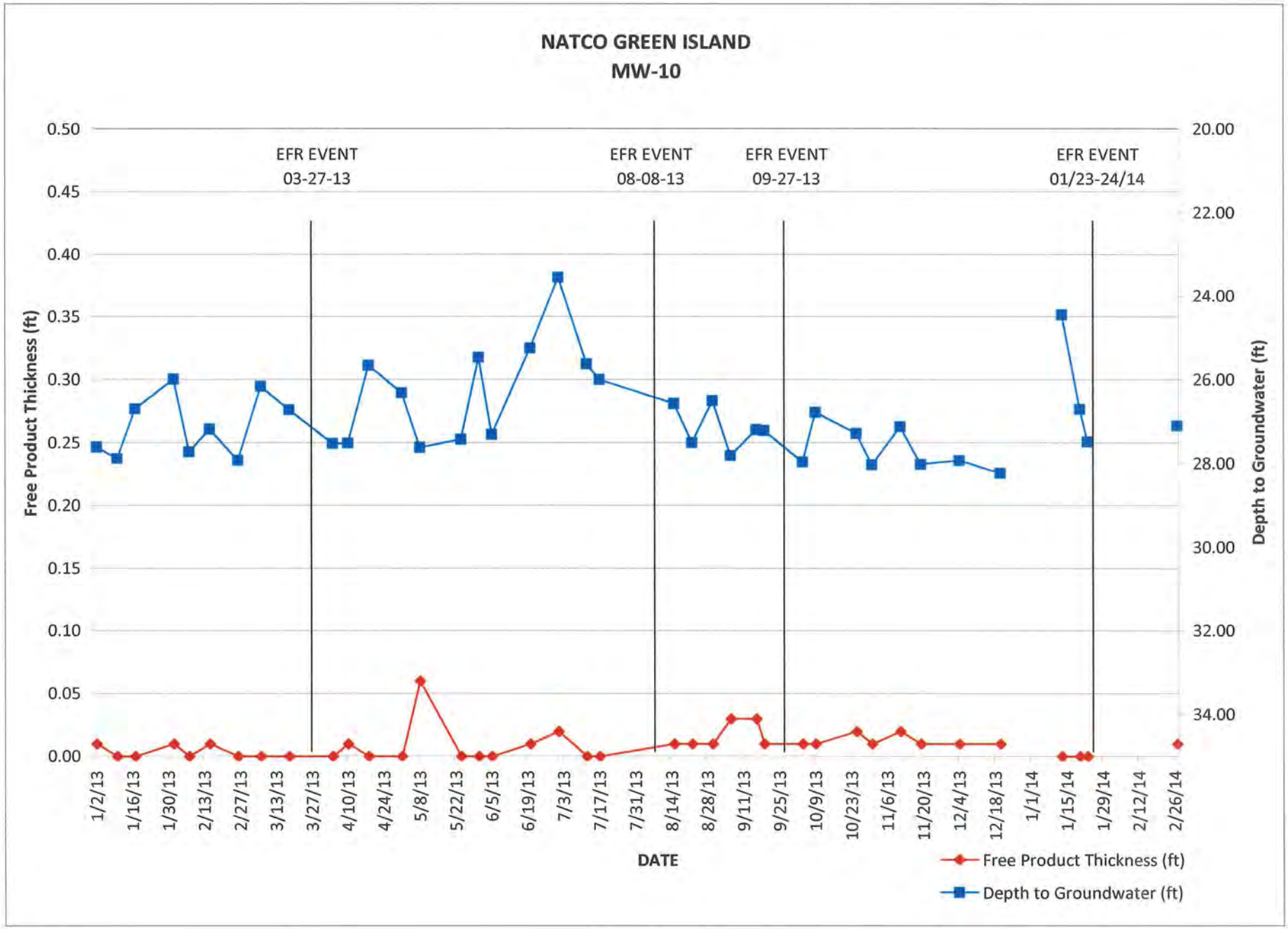
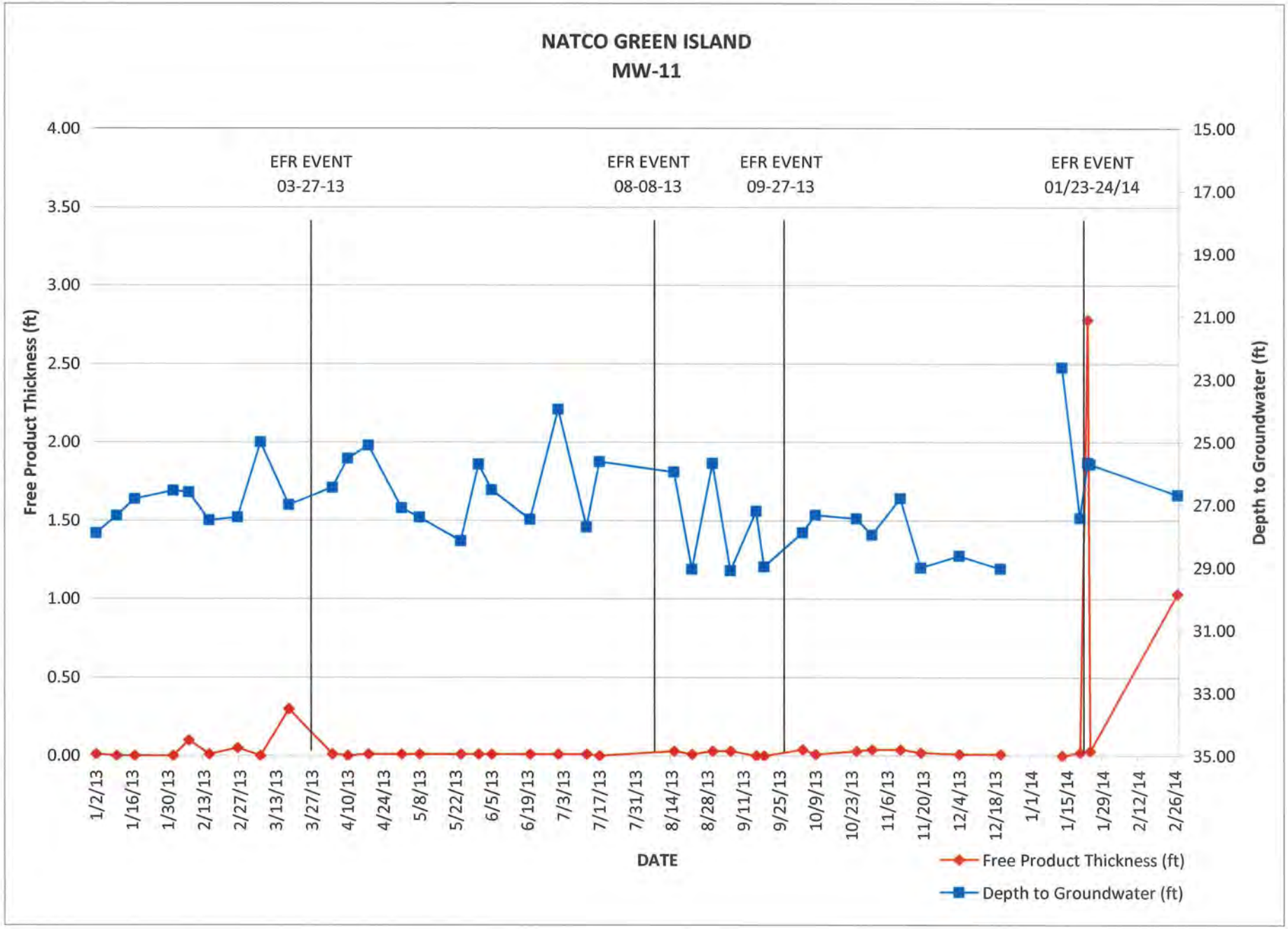
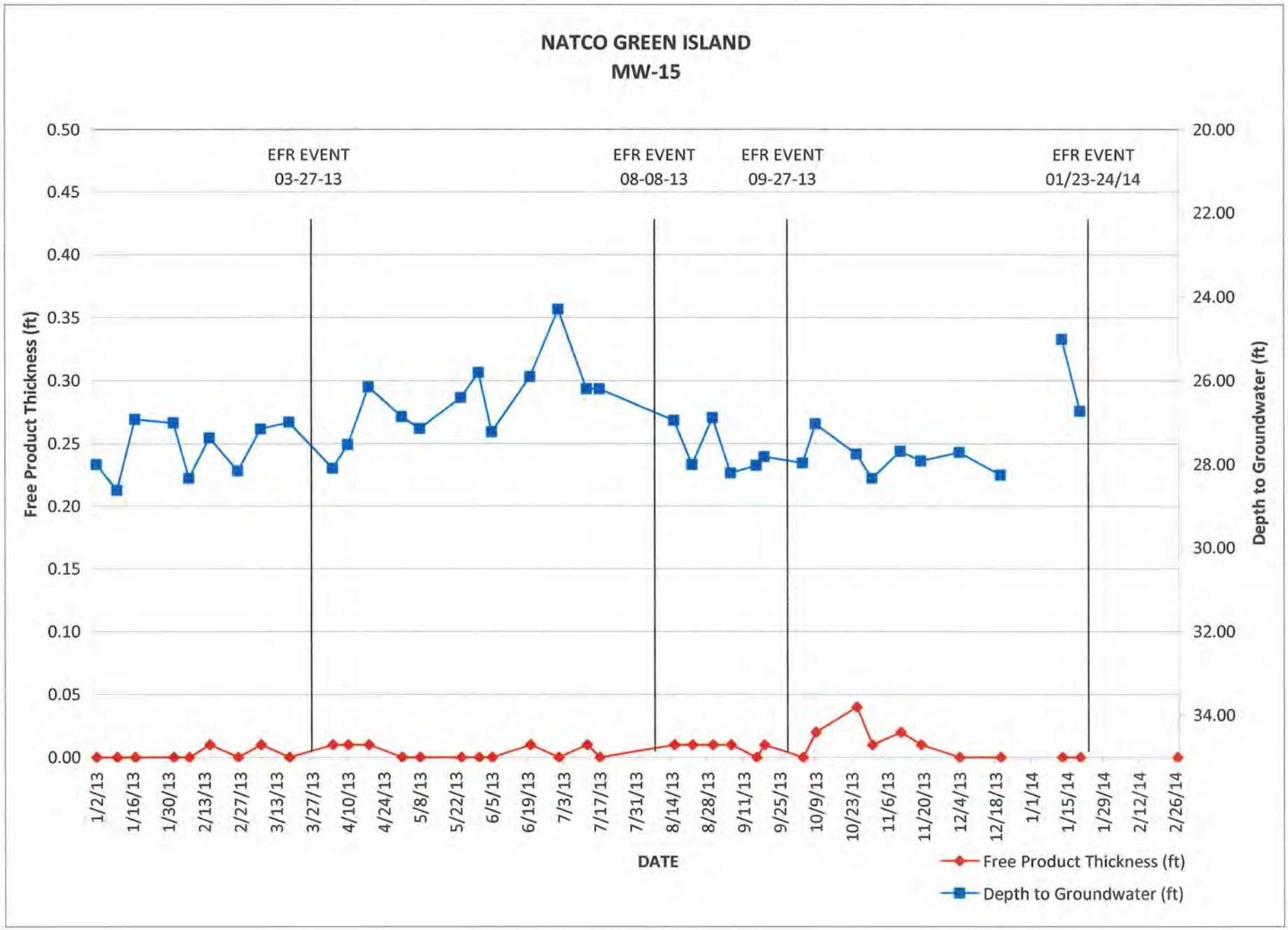
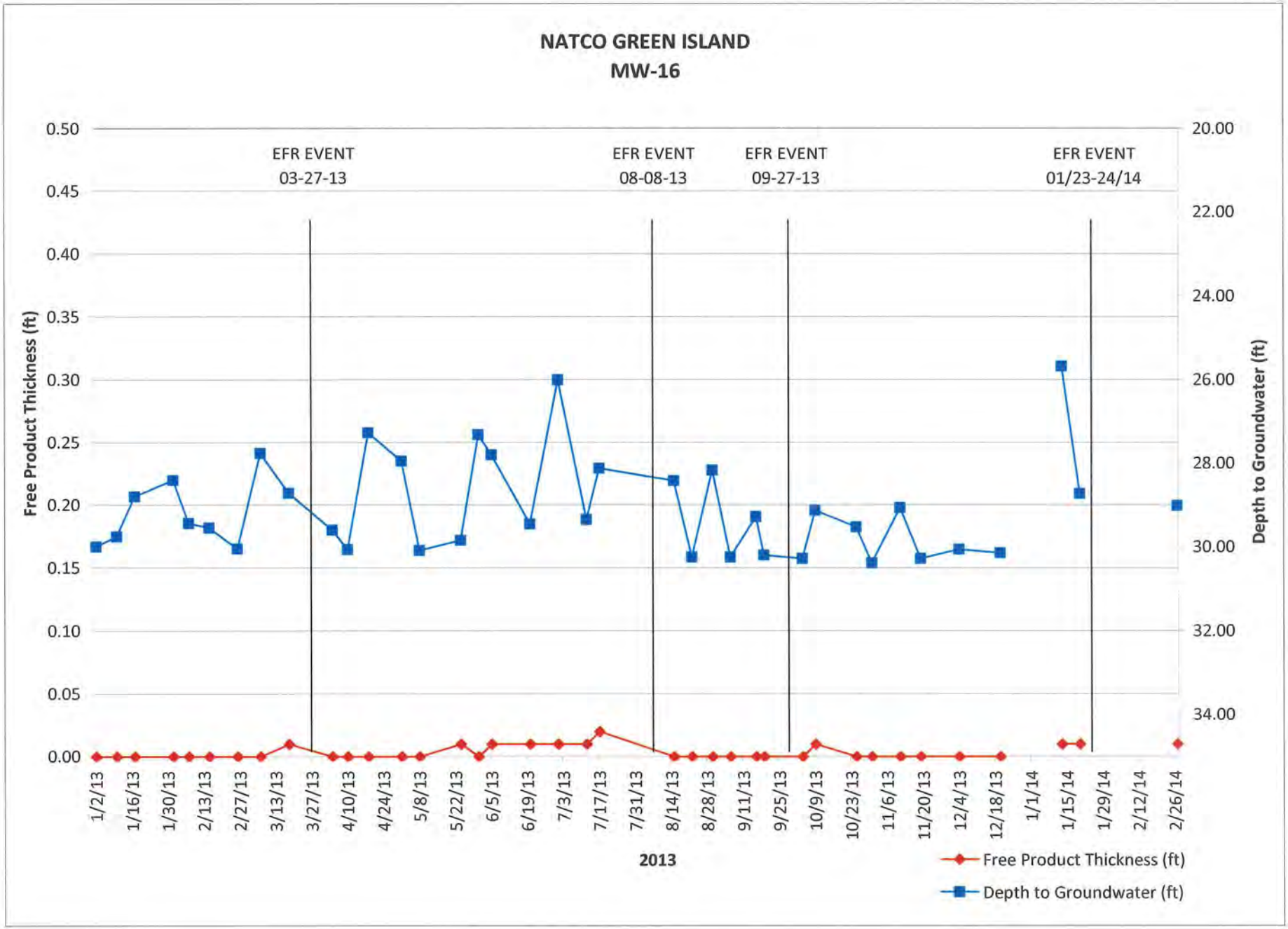
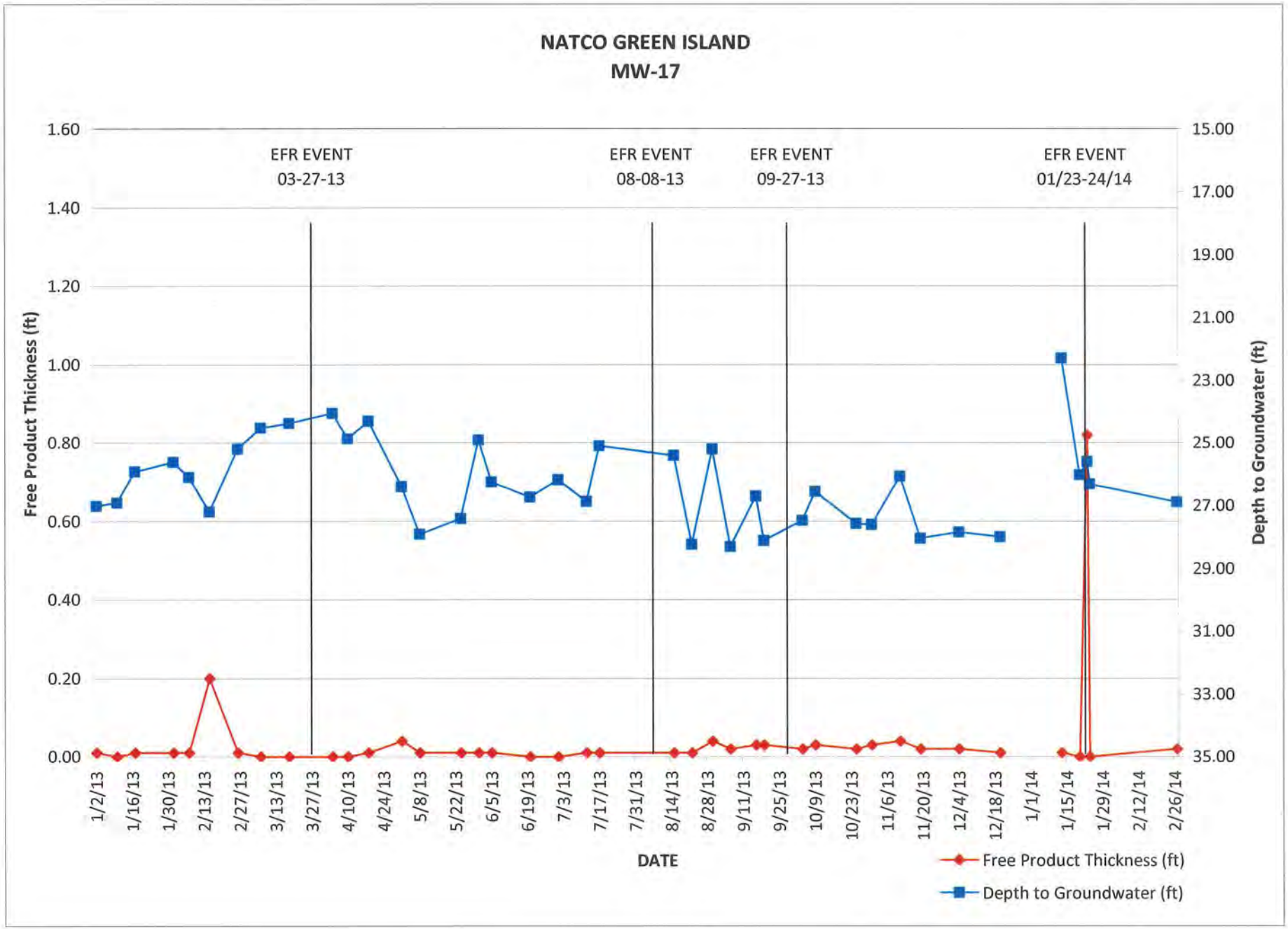
2/27/13
3/13/13
3/27/13
4/10/13
4/24/13
5/8/13
5/22/13
6/5/13
6/19/13
7/3/13
7/17/13
7/31/13
8/14/13
8/28/13
9/11/13
9/25/13
10/9/13
10/23/13
11/6/13
11/20/13
12/4/13
12/18/13
1/1/14
1/15/14
1/29/14
2/12/14
2/26/14
DATE
Free Product Thickness (ft)
Depth to Groundwater (ft)

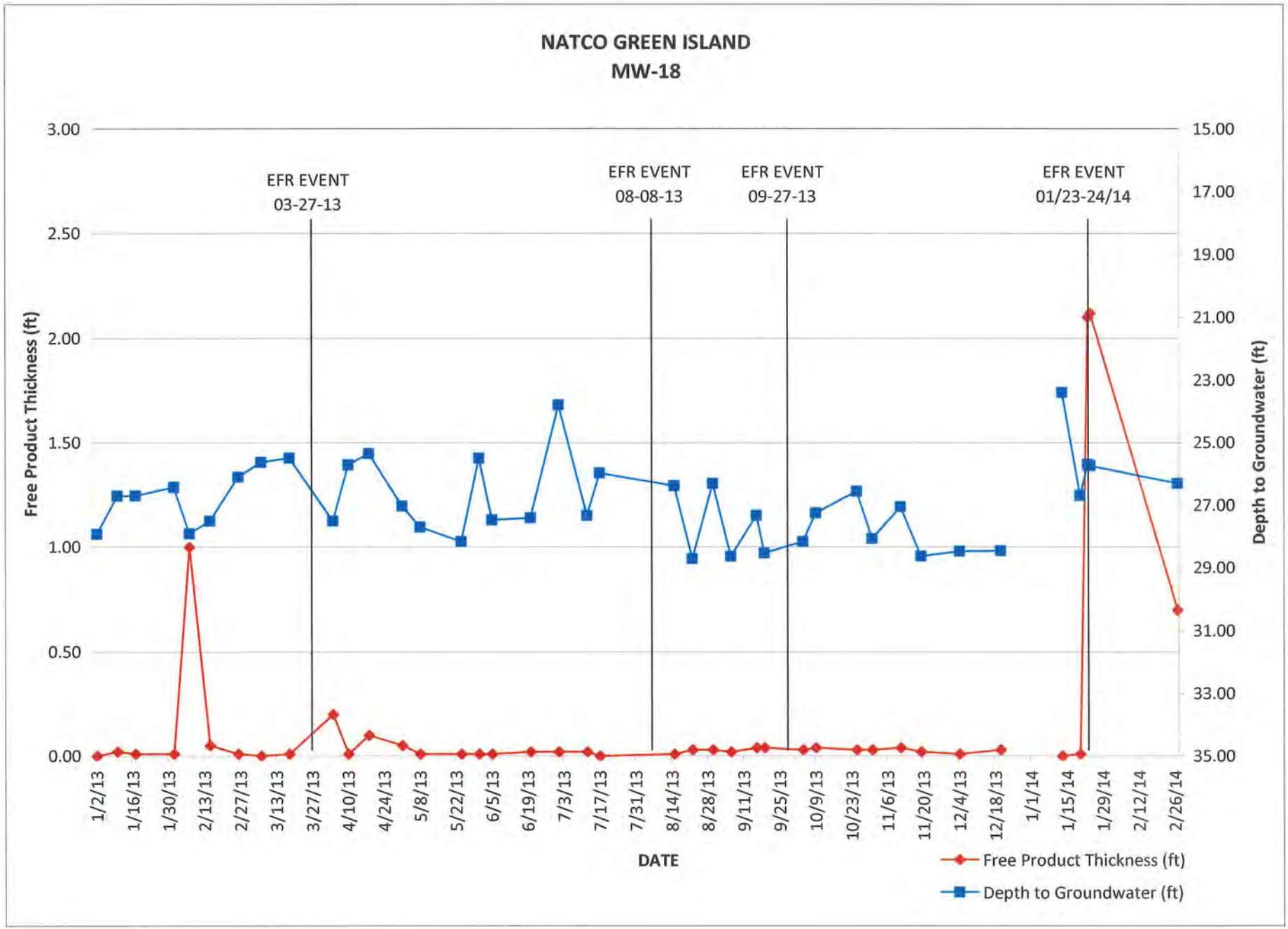

NATCO GREEN ISLAND
MW-10
EFR EVENT
03-27-13
EFR EVENT
08-08-13
EFR EVENT
09-27-13
EFR EVENT
01/23-24/14
Free Product Thickness (ft)
Depth to Groundwater (ft)
0.50
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
20.00
22.00
24.00
26.00
28.00
30.00
32.00
34.00
1/2/13
1/16/13
1/30/13
2/13/13
2/27/13
3/13/13
3/27/13
4/10/13
4/24/13
5/8/13
5/22/13
6/5/13
6/19/13
7/3/13
7/17/13
7/31/13
8/14/13
8/28/13
9/11/13
9/25/13
10/9/13
10/23/13
11/6/13
11/20/13
12/4/13
12/18/13
1/1/14
1/15/14
1/29/14
2/12/14
2/26/14
DATE
Free Product Thickness (ft)
Depth to Groundwater (ft)


NATCO GREEN ISLAND
MW-11
EFR EVENT
03-27-13
EFR EVENT
08-08-13
EFR EVENT
09-27-13
EFR EVENT
01/23-24/14
Free Product Thickness (ft)
Depth to Groundwater (ft)
4.00
3.50
3.00
2.50
2.00
1.50
1.00
0.50
0.00
15.00
17.00
19.00
21.00
23.00
25.00
27.00
29.00
31.00
33.00
35.00
1/2/13
1/16/13
1/30/13
2/13/13
2/27/13
3/13/13
3/27/13
4/10/13
4/24/13
5/8/13
5/22/13
6/5/13
6/19/13
7/3/13
7/17/13
7/31/13
8/14/13
8/28/13
9/11/13
9/25/13
10/9/13
10/23/13
11/6/13
11/20/13
12/4/13
12/18/13
1/1/14
1/15/14
1/29/14
2/12/14
2/26/14
DATE
Free Product Thickness (ft)
Depth to Groundwater (ft)


NATCO GREEN ISLAND
MW-15
EFR EVENT
03-27-13
EFR EVENT
08-08-13
EFR EVENT
09-27-13
EFR EVENT
01/23-24/14
Free Product Thickness (ft)
Depth to Groundwater (ft)
0.50
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
20.00
22.00
24.00
26.00
28.00
30.00
32.00
34.00
1/2/13
1/16/13
1/30/13
2/13/13
2/27/13
3/13/13
3/27/13
4/10/13
4/24/13
5/8/13
5/22/13
6/5/13
6/19/13
7/3/13
7/17/13
7/31/13
8/14/13
8/28/13
9/11/13
9/25/13
10/9/13
10/23/13
11/6/13
11/20/13
12/4/13
12/18/13
1/1/14
1/15/14
1/29/14
2/12/14
2/26/14
DATE
Free Product Thickness (ft)
Depth to Groundwater (ft)


NATCO GREEN ISLAND
MW-16
EFR EVENT
03-27-13
EFR EVENT
08-08-13
EFR EVENT
09-27-13
EFR EVENT
01/23-24/14
Free Product Thickness (ft)
Depth to Groundwater (ft)
0.50
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
20.00
22.00
24.00
26.00
28.00
30.00
32.00
34.00
1/2/13
1/16/13
1/30/13
2/13/13
2/27/13
3/13/13
3/27/13
4/10/13
4/24/13
5/8/13
5/22/13
6/5/13
6/19/13
7/3/13
7/17/13
7/31/13
8/14/13
8/28/13
9/11/13
9/25/13
10/9/13
10/23/13
11/6/13
11/20/13
12/4/13
12/18/13
1/1/14
1/15/14
1/29/14
2/12/14
2/26/14
2013
Free Product Thickness (ft)
Depth to Groundwater (ft)


NATCO GREEN ISLAND
MW-17
EFR EVENT
03-27-13
EFR EVENT
08-08-13
EFR EVENT
09-27-13
EFR EVENT
01/23-24/14
Free Product Thickness (ft)
Depth to Groundwater (ft)
1.60
1.40
1.20
1.00
0.80
0.60
0.40
0.20
0.00
15.00
17.00
19.00
21.00
23.00
25.00
27.00
29.00
31.00
33.00
35.00
1/2/13
1/16/13
1/30/13
2/13/13
2/27/13
3/13/13
3/27/13
4/10/13
4/24/13
5/8/13
5/22/13
6/5/13
6/19/13
7/3/13
7/17/13
7/31/13
8/14/13
8/28/13
9/11/13
9/25/13
10/9/13
10/23/13
11/6/13
11/20/13
12/4/13
12/18/13
1/1/14
1/15/14
1/29/14
2/12/14
2/26/14
DATE
Free Product Thickness (ft)
Depth to Groundwater (ft)


NATCO GREEN ISLAND
MW-18
EFR EVENT
03-27-13
EFR EVENT
08-08-13
EFR EVENT
09-27-13
EFR EVENT
01/23-24/14
Free Product Thickness (ft)
Depth to Groundwater (ft)
3.00
2.50
2.00
1.50
1.00
0.50
0.00
15.00
17.00
19.00
21.00
23.00
25.00
27.00
29.00
31.00
33.00
35.00
1/2/13
1/16/13
1/30/13
2/13/13
2/27/13
3/13/13
3/27/13
4/10/13
4/24/13
5/8/13
5/22/13
6/5/13
6/19/13
7/3/13
7/17/13
7/31/13
8/14/13
8/28/13
9/11/13
9/25/13
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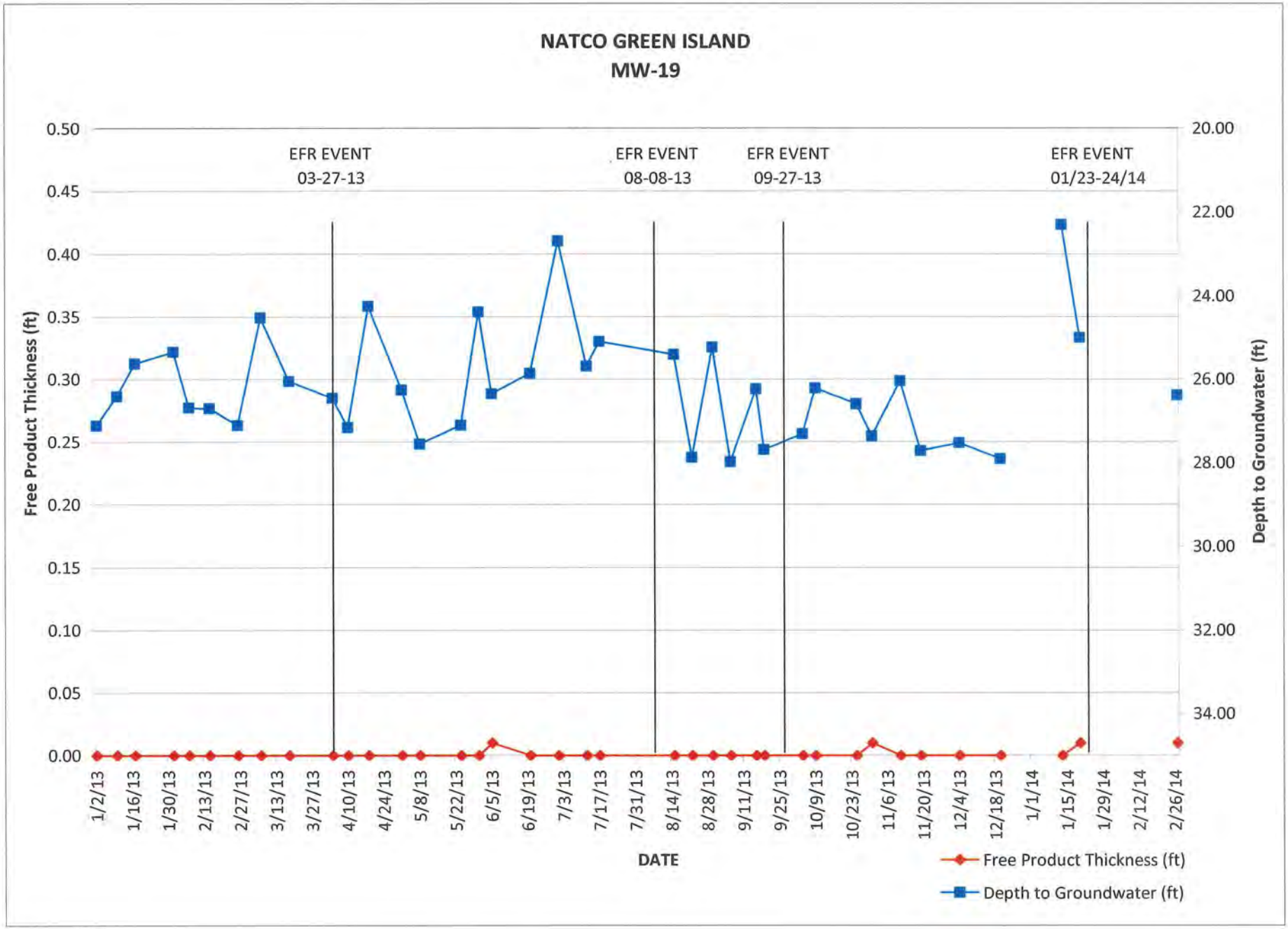
11/6/13
11/20/13
12/4/13
12/18/13
1/1/14
1/15/14
1/29/14
2/12/14
2/26/14
DATE
Free Product Thickness (ft)
Depth to Groundwater (ft)


NATCO GREEN ISLAND
MW-19
EFR EVENT
03-27-13
EFR EVENT
08-08-13
EFR EVENT
09-27-13
EFR EVENT
01/23-24/14
Free Product Thickness (ft)
Depth to Groundwater (ft)
0.50
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
20.00
22.00
24.00
26.00
28.00
30.00
32.00
34.00
1/2/13
1/16/13
1/30/13
2/13/13
2/27/13
3/13/13
3/27/13
4/10/13
4/24/13
5/8/13
5/22/13
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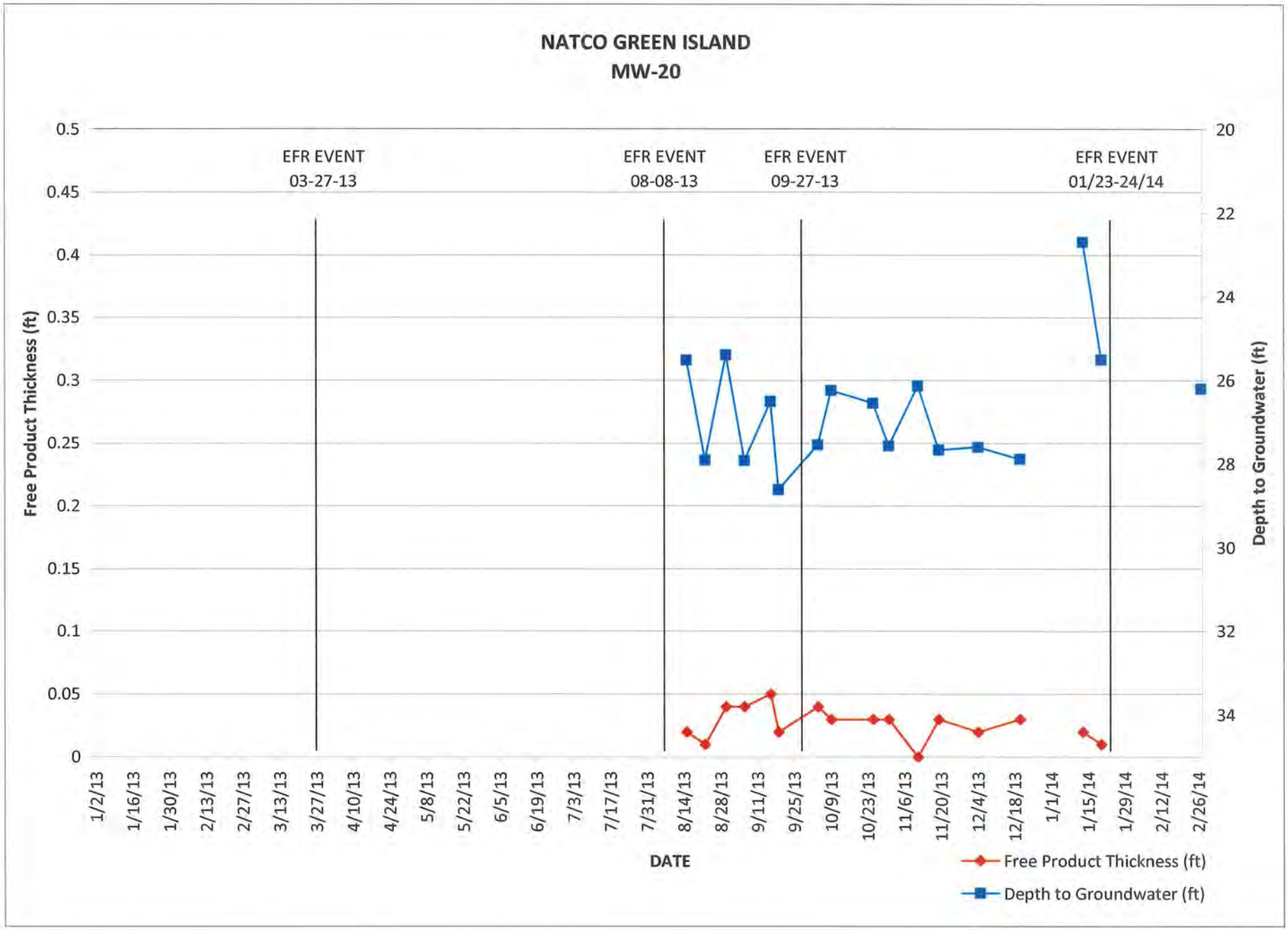
6/19/13
7/3/13
7/17/13
7/31/13
8/14/13
8/28/13
9/11/13
9/25/13
10/9/13
10/23/13
11/6/13
11/20/13
12/4/13
12/18/13
1/1/14
1/15/14
1/29/14
2/12/14
2/26/14
DATE
Free Product Thickness (ft)
Depth to Groundwater (ft)


NATCO GREEN ISLAND
MW-20
EFR EVENT
03-27-13
EFR EVENT
08-08-13
EFR EVENT
09-27-13
EFR EVENT
01/23-24/14
Free Product Thickness (ft)
Depth to Groundwater (ft)
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
20
22
24
26
28
30
32
34
1/2/13
1/16/13
1/30/13
2/13/13
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3/13/13
3/27/13
4/10/13
4/24/13
5/8/13
5/22/13
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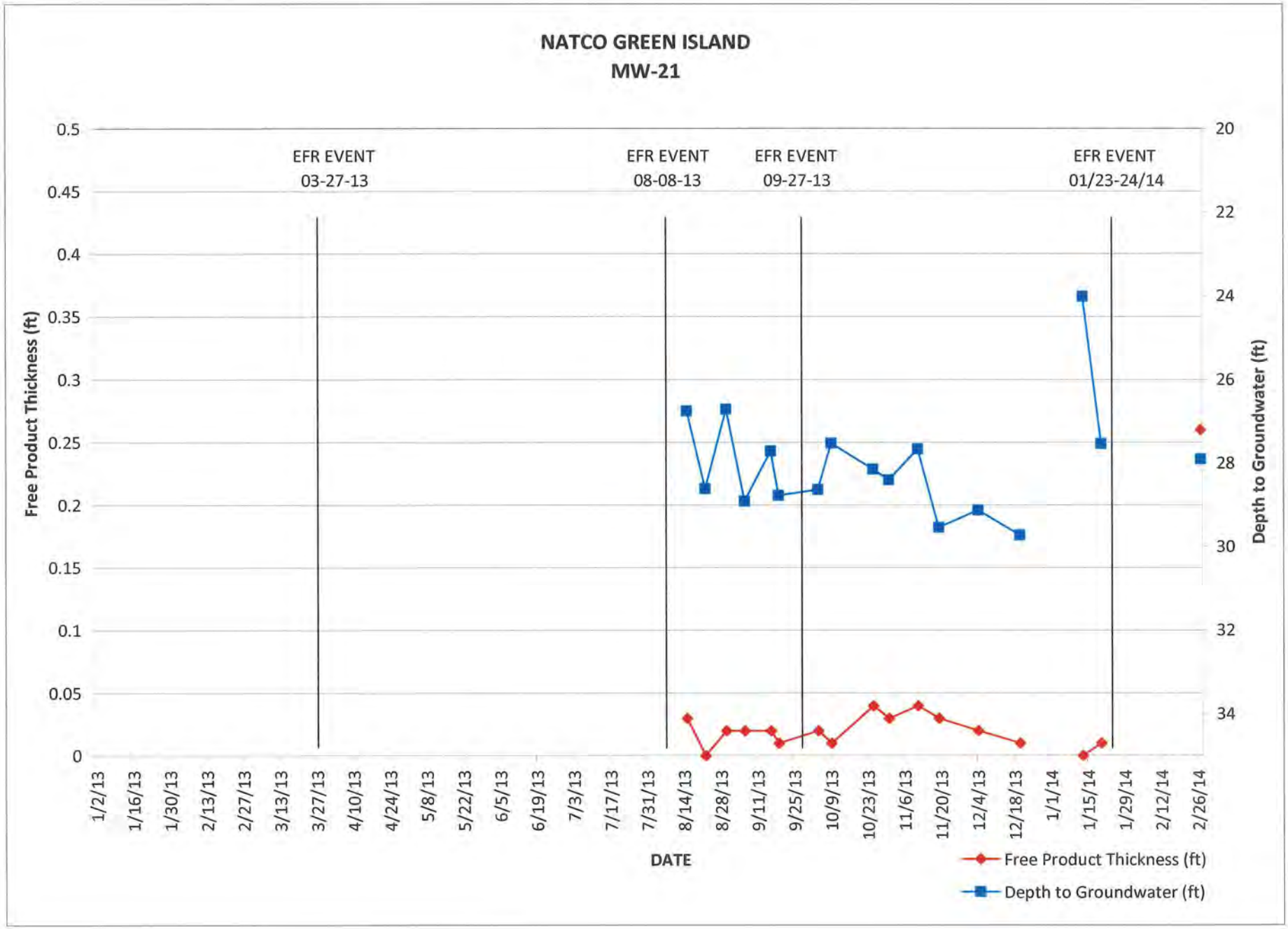
11/20/13
12/4/13
12/18/13
1/1/14
1/15/14
1/29/14
2/12/14
2/26/14
DATE
Free Product Thickness (ft)
Depth to Groundwater (ft)


NATCO GREEN ISLAND
MW-21
EFR EVENT
03-27-13
EFR EVENT
08-08-13
EFR EVENT
09-27-13
EFR EVENT
01/23-24/14
Free Product Thickness (ft)
Depth to Groundwater (ft)
0.5
0.45
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
20
22
24
26
28
30
32
34
1/2/13
1/16/13
1/30/13
2/13/13
2/27/13
3/13/13
3/27/13
4/10/13
4/24/13
5/8/13
5/22/13
6/5/13
6/19/13
7/3/13
7/17/13
7/31/13
8/14/13
8/28/13
9/11/13
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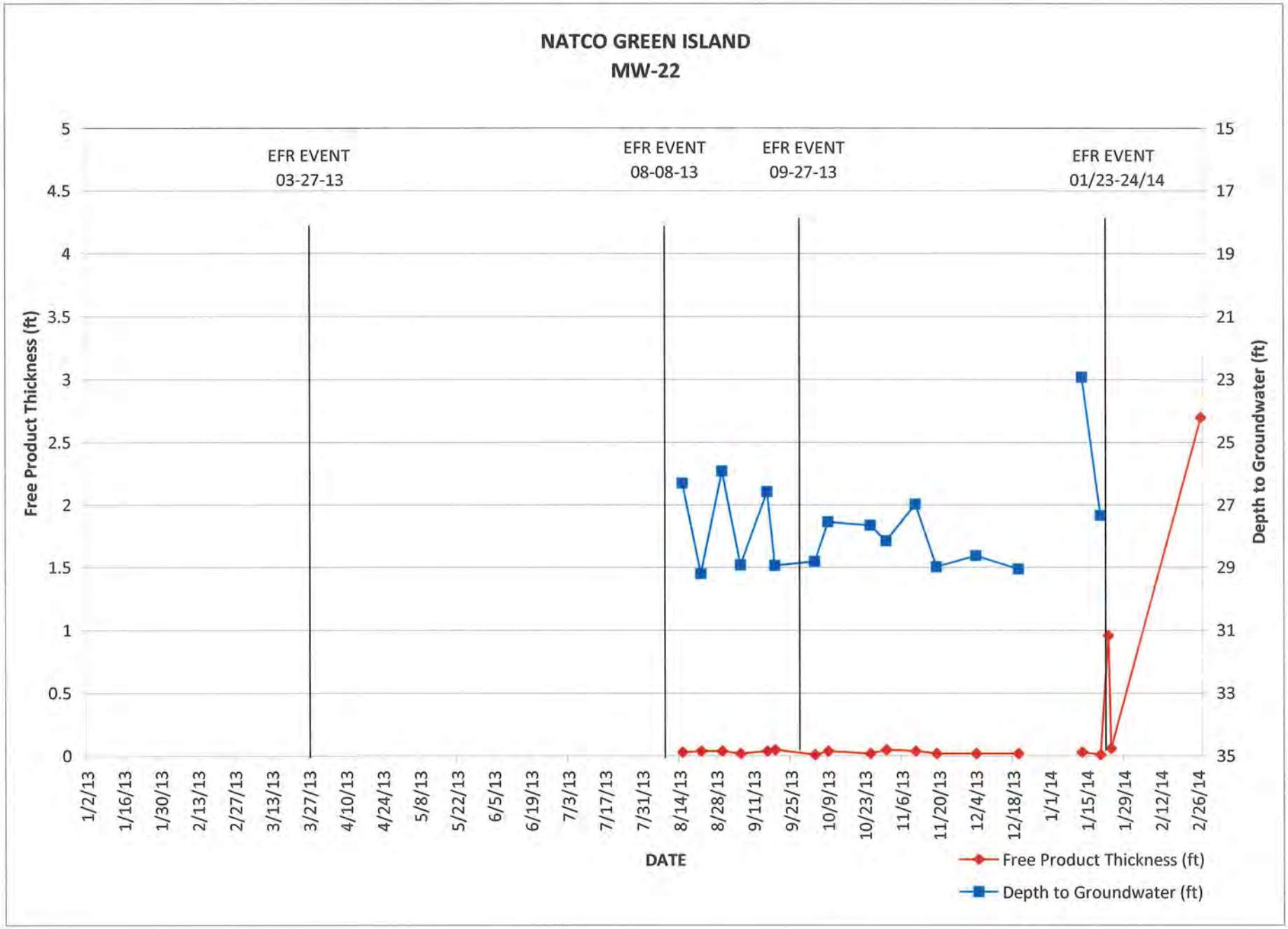
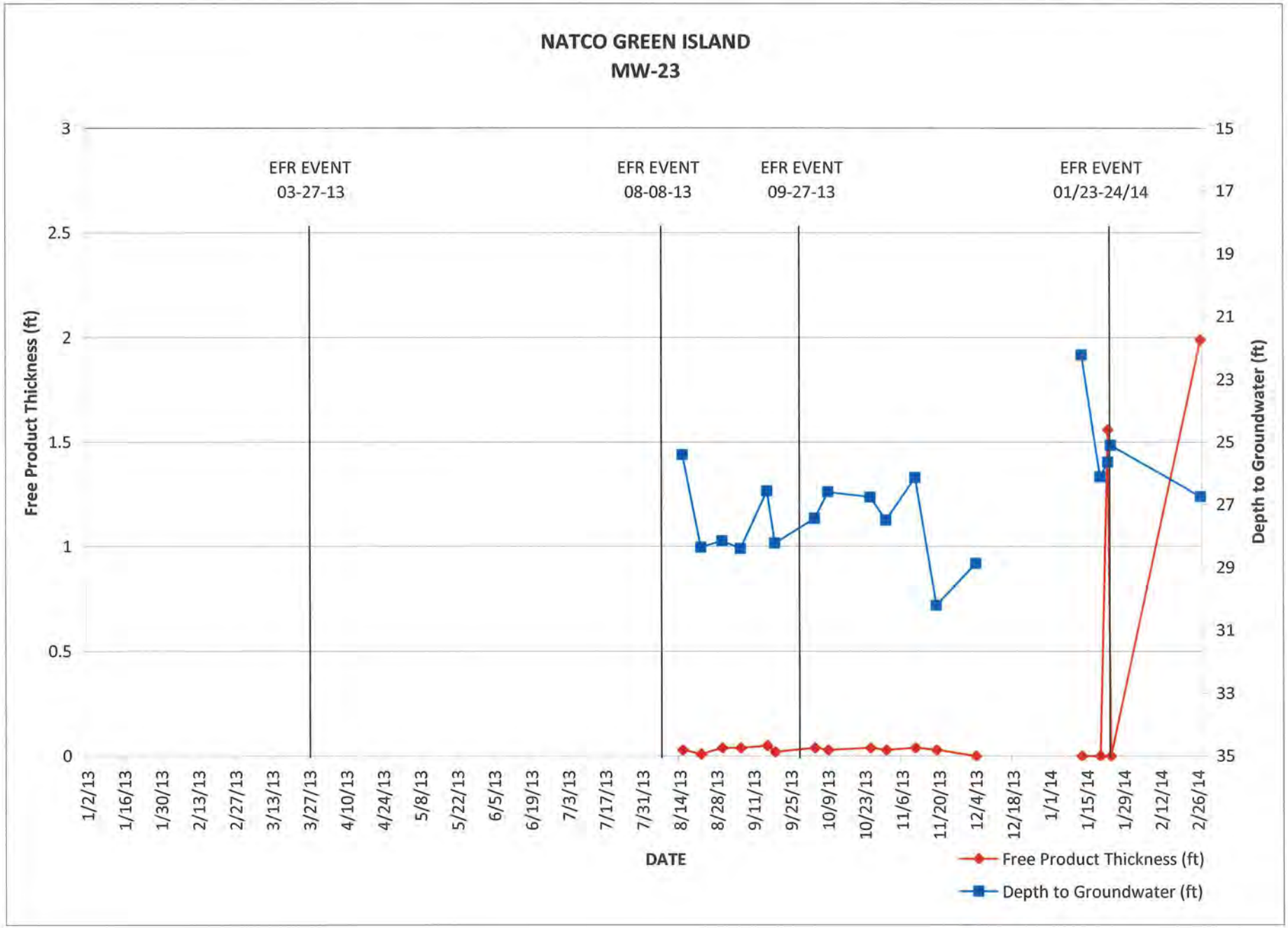
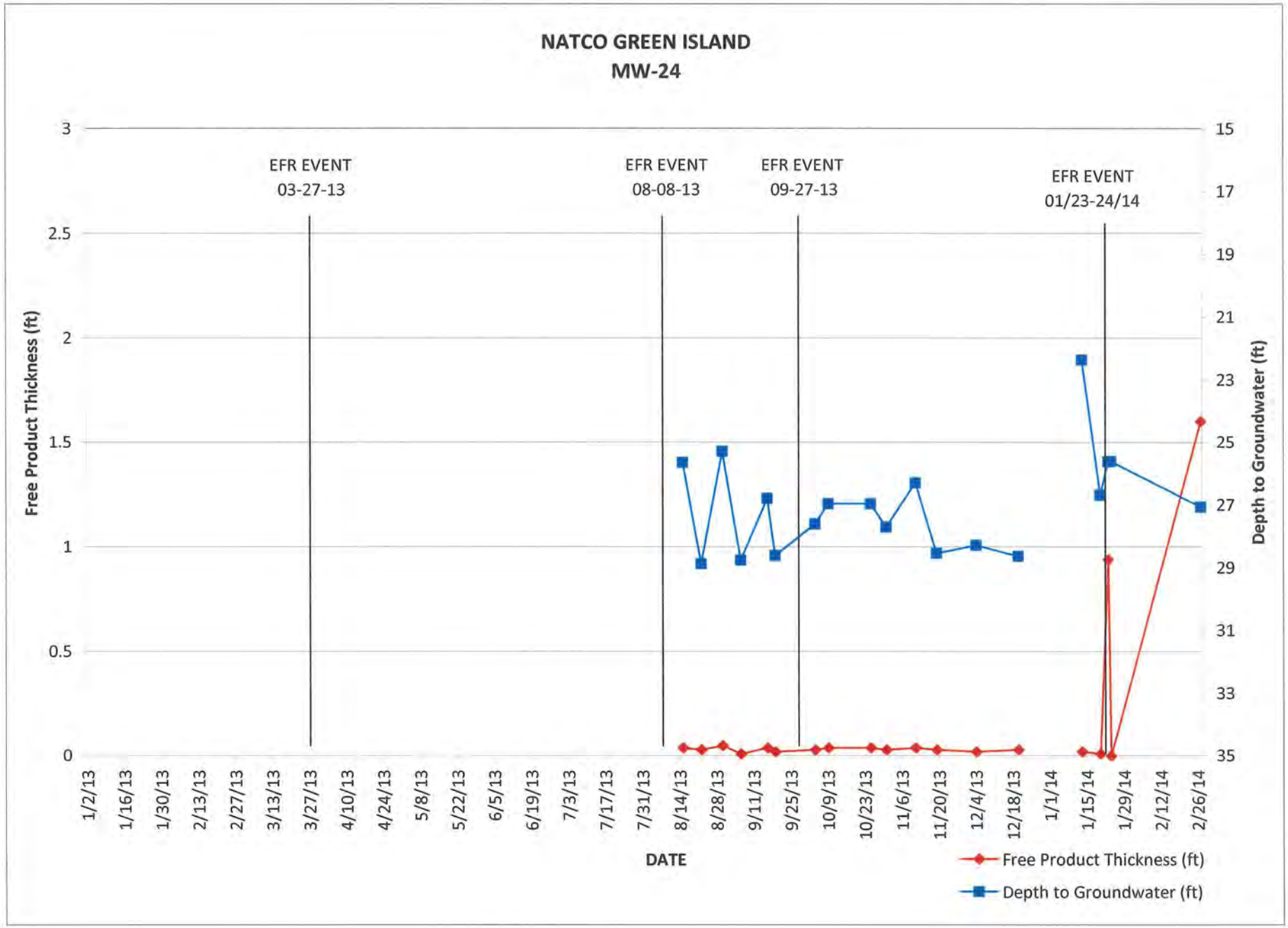
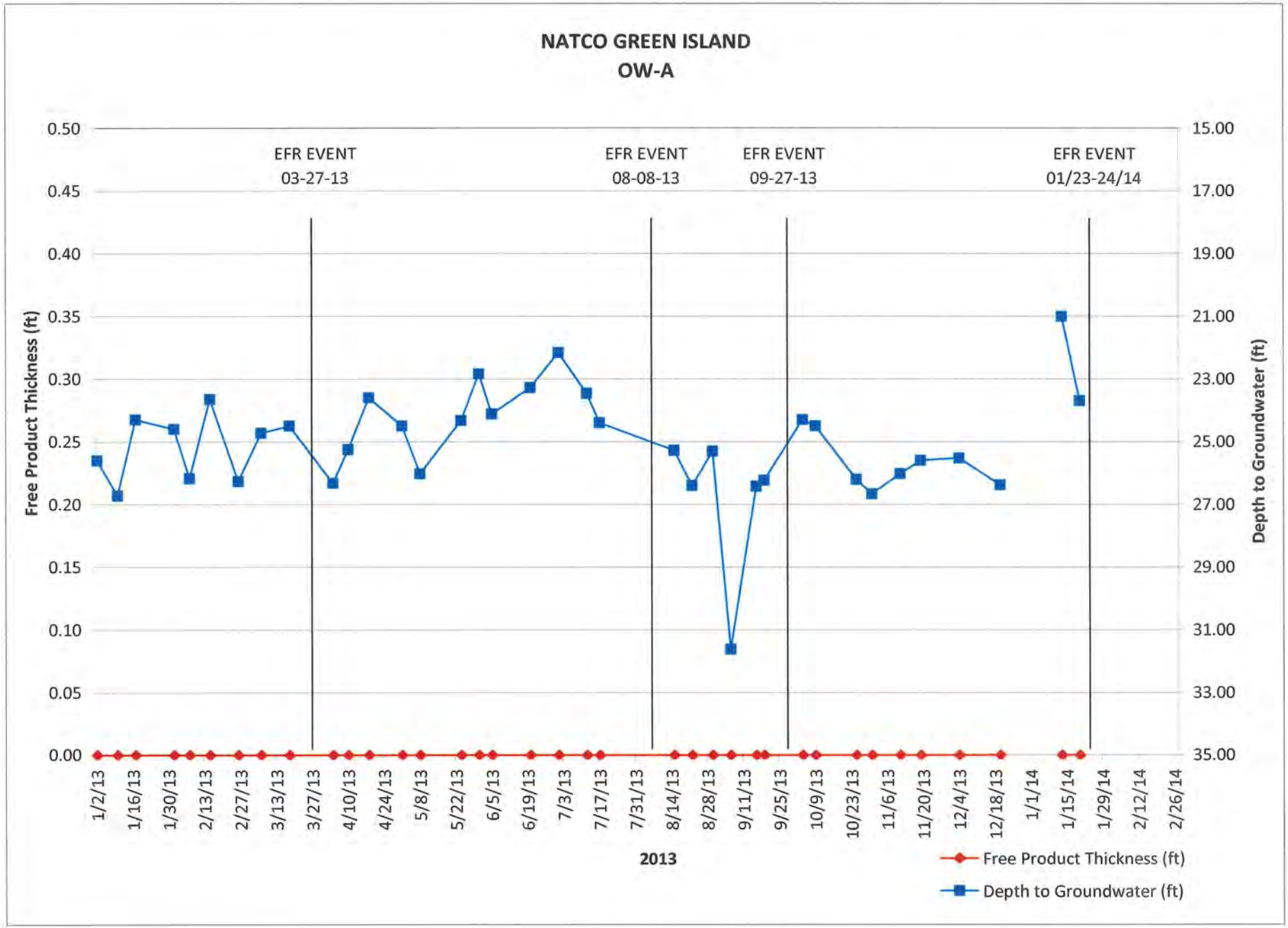
11/6/13
11/20/13
12/4/13
12/18/13
1/1/14
1/15/14
1/29/14
2/12/14
2/26/14
DATE
Free Product Thickness (ft)
Depth to Groundwater (ft)


NATCO GREEN ISLAND
MW-22
EFR EVENT
03-27-13
EFR EVENT
08-08-13
EFR EVENT
09-27-13
EFR EVENT
01/23-24/14
Free Product Thickness (ft)
Depth to Groundwater (ft)
DATE
Free Product Thickness (ft)
Depth to Groundwater (ft)


NATCO GREEN ISLAND
MW-23
EFR EVENT
03-27-13
EFR EVENT
08-08-13
EFR EVENT
09-27-13
EFR EVENT
01/23-24/14
Free Product Thickness (ft)
Depth to Groundwater (ft)
DATE
Free Product Thickness (ft)
Depth to Groundwater (ft)


NATCO GREEN ISLAND
MW-24
EFR EVENT
03-27-13
EFR EVENT
08-08-13
EFR EVENT
09-27-13
EFR EVENT
01/23-24/14
Free Product Thickness (ft)
Depth to Groundwater (ft)
DATE
Free Product Thickness (ft)
Depth to Groundwater (ft)


NATCO GREEN ISLAND
OW-A
EFR EVENT
03-27-13
EFR EVENT
08-08-13
EFR EVENT
09-27-13
EFR EVENT
01/23-24/14
Free Product Thickness (ft)
Depth to Groundwater (ft)
0.50
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
15.00
17.00
19.00
21.00
23.00
25.00
27.00
29.00
31.00
33.00
35.00
1/2/13
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1/30/13
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12/4/13
12/18/13
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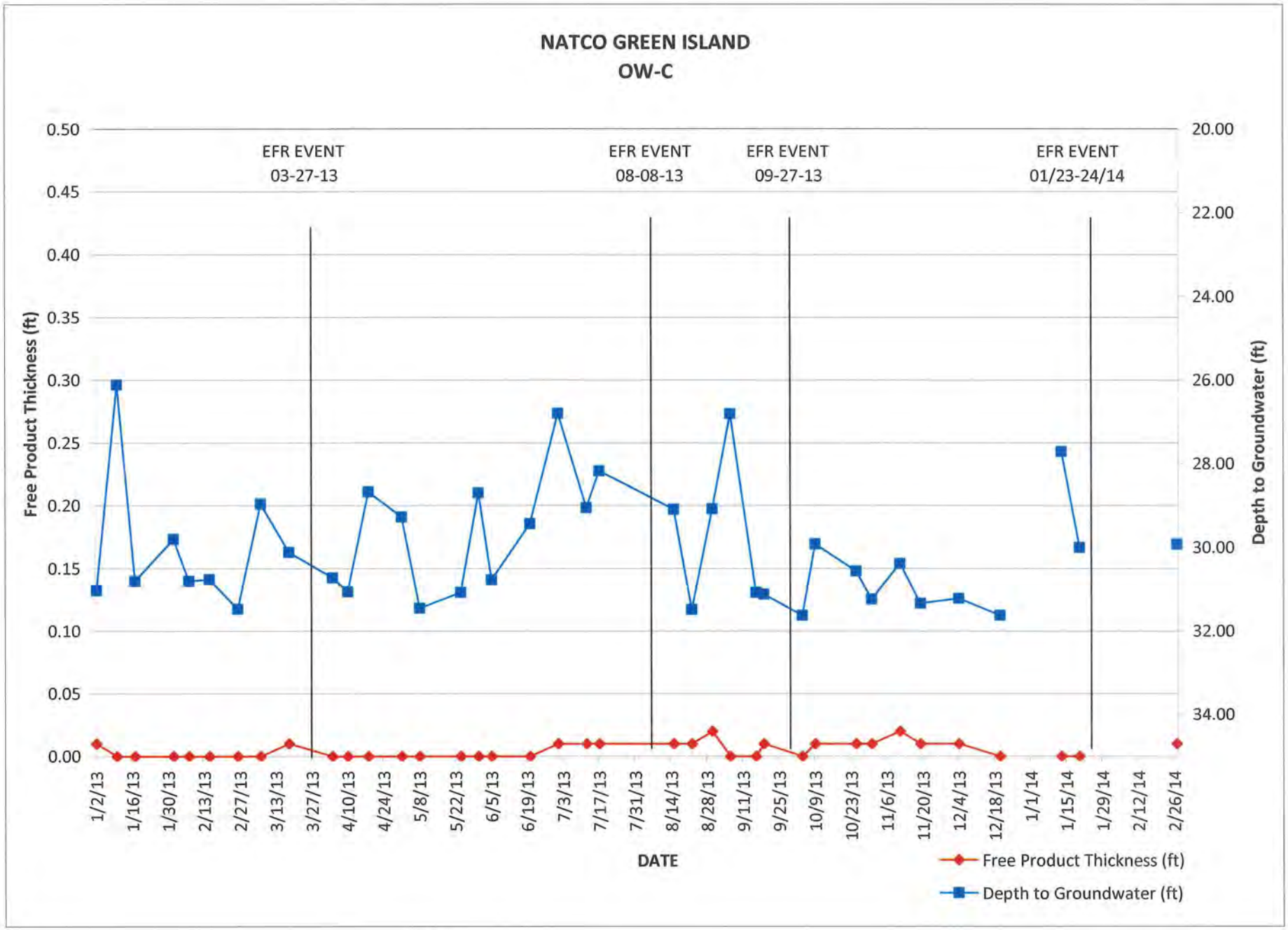
1/15/14
1/29/14
2/12/14
2/26/14
2013
Free Product Thickness (ft)
Depth to Groundwater (ft)


NATCO GREEN ISLAND
OW-C
EFR EVENT
03-27-13
EFR EVENT
08-08-13
EFR EVENT
09-27-13
EFR EVENT
01/23-24/14
Free Product Thickness (ft)
Depth to Groundwater (ft)
0.50
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
20.00
22.00
24.00
26.00
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1/2/13
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1/29/14
2/12/14
2/26/14
DATE
Free Product Thickness (ft)
Depth to Groundwater (ft)