

Technical Memorandum

May 03, 2022

To	Michael Belveg, New York State Department of Environmental Conservation	Tel	315.802.0312
Copy to	Patrick Dworacyk, Kinder Morgan, Damian Vanetti, GHD	Email	ian.mcnamara@ghd.com
From	Ian McNamara	Ref. No.	11137172
Subject	Cold Springs Southern Terminals Site Quarterly Update – January to March 2022		

Mr. Belveg,

GHD continues to perform light non-aqueous phase liquid (LNAPL) recovery activities on behalf of the Southern Terminals Group (STG) at the Cold Springs Terminals Site located in Lysander, New York (the Site), in general conformance with the Draft Revised Remedial Action Work Plan (GHD, September 2021; Revised: February 2022). The following is intended to provide a quarterly summary of activities completed at the Site between January and March 2022 and planned future activities for April to June 2022.

LNAPL Recovery Summary

Starting in April 2021, LNAPL skimmer system operation and manual LNAPL recovery has occurred at regular intervals at designated wells at the Site. Due to anticipation of prolonged freezing temperatures, the skimmer systems were temporarily shut down for the winter on December 20, 2021, with approval from the NYSDEC. The skimmer systems continued to be temporarily shut down for the months of January, February, and March 2022.

During temporary winter shutdown, monthly gauging and manual LNAPL recovery were completed as follows:

Table 1 LNAPL Gauging and Recovery Schedule

Date	Activities	Approximate Amount of LNAPL Recovered (gallons)
January 12, 2022	Gauging and Manual Recovery	20.8
February 7, 2022	Gauging and Manual Recovery	10.8
March 10, 2022	Gauging and Manual Recovery	14.8

LNAPL gauging was performed at all accessible STG wells during the January and February 2022 events and manual recovery was performed where an apparent thickness of greater than 0.25-feet of LNAPL was measured in a well. During the March 2022 gauging event, all accessible monitoring wells on the Southern and Northern Terminals were gauged and manual recovery was performed at monitoring wells meeting the minimum measured apparent LNAPL thickness of 0.25-feet. Refer to the attached figures, tables, and time series plots for summaries.

The following table summarizes which wells had LNAPL recovery performed during the first quarter of 2022.

Table 2 LNAPL Recovery Locations

Recovery Method	Wells Where LNAPL Recovery Occurred between January 2022 and March 2022
Skimmer Unit 1	No Skimming – Temporary Winter Shutdown
Skimmer Unit 2	No Skimming – Temporary Winter Shutdown
Skimmer Unit 3	No Skimming – Temporary Winter Shutdown
Manual Recovery	January 2022 – A3, A10, MW-1S, MW-2S, MW-5SR, RW-1, RW-2, RW-3, RW-4, RW-5, and S3 February 2022 – A10, A12, A13, A14, MW-1S, MW-2S, MW-5SR, MW-7S, RW-1, RW-2, RW-3, RW-5, and S3 March 2022 – A3, A10, A14, B13, BMW13, MW-2S, MW-5SR, RW-1, RW-3, RW-5, S3, and S13

LNAPL recovered during these monthly manual recovery events was containerized in a 55-gallon drum, which is located within a secondary containment structure within one of the skimmer unit sheds, and will be disposed of when the next disposal event for the Site occurs.

Operation and Maintenance Activities

Since the skimmer units were temporarily shut down for the entirety of the first quarter of 2022, no operation and maintenance activities occurred.

One unplanned event occurred during the March 2022 gauging and manual recovery event. When GHD arrived at the Site, it was discovered that the padlock had been cut from the access gate and the padlocks on each of the skimmer unit sheds were also removed. The gate and the sheds were closed upon arrival and no equipment appeared to be missing, disturbed, or damaged. GHD filed a police report with the Onondaga County Sheriff on March 11, 2022, so they were aware of the issue, and replaced the locks on the Site access gate and skimmer unit sheds.

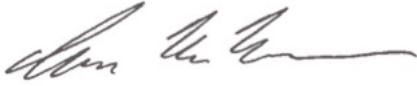
Future Activities

The following activities are planned to occur at the Site between April and June 2022:

1. The skimmer systems will be reinstalled and reactivated in early April 2022.
2. Personnel from the skimmer system manufacturer, Geotech Environmental Equipment, Inc., are scheduled to return to the Site during the week of April 10th to complete skimmer buoy repairs and assist with skimmer system startup adjustments.
3. NYSDEC approval of the Remedial Action Work Plan.
4. Gauging and manual LNAPL recovery will continue at each of the Site wells on a monthly basis, generally during the first week of each month.
5. The first round of natural source zone depletion (NSZD) monitoring and evaluation will begin following NYSDEC approval of the Remedial Action Work Plan and favorable weather conditions.

6. The various drums of miscellaneous materials present at the Site will be characterized and disposed of.

Regards,



Ian McNamara
Geologist

Enclosures: Table – Monthly LNAPL Recovery Summary – January 2022
Table – Monthly LNAPL Recovery Summary – February 2022
Table – Monthly LNAPL Recovery Summary – March 2022
Figure – Apparent LNAPL Thickness March 2022
Graph – LNAPL Recovery Time Series Plots
Table – Summary of Apparent LNAPL Thickness Measurements – Southern Terminals Monitoring Wells
Table – Summary of Apparent LNAPL Thickness Measurements – Northern Terminals Monitoring Wells
Table – Summary of Well Gauging Events – Southern Terminals Monitoring Wells
Table – Summary of Well Gauging Events – Northern Terminals Monitoring Wells



MONTHLY LNAPL RECOVERY SUMMARY

January 2022

Cold Springs Terminals
Hillside Road, Lysander, NY
Southern Terminals Group
GHD Project Number 11137172

Well ID	LNAPL Recovered (gallons)			
	Vacuum Extraction Events	Skimmer Systems and Manual Recovery		Totals
	02-03-2020 to 03-29-2021	04-08-2021 to 12-20-2021	01-12-2022 ¹	Through 01-12-2022
A3	N/A	0.3	0.1	0.4
A10	N/A	3.6	0.1	3.7
A12	N/A	4.5	-	4.5
A13	N/A	7.0	-	7.0
A14	N/A	15.0	-	15.0
A18	N/A	0.3	-	0.3
AMW5	N/A	2.0	-	2.0
MW-1S	N/A	0.4	0.1	0.5
MW-2S	N/A	10.2	1.3	11.4
MW-5SR	N/A	13.3	1.5	14.8
MW-6D	N/A	0.5	-	0.5
MW-6S	N/A	0.6	-	0.6
MW-7S	N/A	10.4	-	10.4
MWA	N/A	1.3	-	1.3
MWB	N/A	0.1	-	0.1
RW-1	97	25.4	5.0	127.4
RW-2	58	6.5	3.0	67.5
RW-3	101	15.4	4.0	120.4
RW-4	22	1.2	0.2	23.4
RW-5	103	23.9	5.0	131.9
S2	N/A	5.8	-	5.8
S3	N/A	5.8	0.5	6.3
S9	N/A	0.4	-	0.4
Totals ² Through 01-12-2022	381	153.6	20.8	555.4

N/A - LNAPL recovery not performed at well during vacuum extraction events

1 - Manual LNAPL recovery did not occur at wells with no monthly LNAPL recovered value shown because well either contained a minor apparent thickness of LNAPL or no LNAPL was measureable.

2 - In addition to these totals, an estimated total of approximately 12,800 gallons of LNAPL as liquid and soil vapor had reportedly been recovered from the site by others between 1990 and 2008.



MONTHLY LNAPL RECOVERY SUMMARY

February 2022

Cold Springs Terminals
Hillside Road, Lysander, NY
Southern Terminals Group
GHD Project Number 11137172

Well ID	LNAPL Recovered (gallons)			
	Vacuum Extraction Events	Skimmer Systems and Manual Recovery		Totals
	02-03-2020 to 03-29-2021	04-08-2021 to 01-12-2022	02-07-2022 ¹	Through 02-07-2022
A3	N/A	0.4	-	0.4
A10	N/A	3.7	0.3	4.0
A12	N/A	4.5	0.3	4.8
A13	N/A	7.0	0.1	7.1
A14	N/A	15.0	1.5	16.5
A18	N/A	0.3	-	0.3
AMW5	N/A	2.0	0.0	2.0
MW-1S	N/A	0.5	0.1	0.6
MW-2S	N/A	11.4	0.3	11.7
MW-5SR	N/A	14.8	0.5	15.3
MW-6D	N/A	0.5	-	0.5
MW-6S	N/A	0.6	-	0.6
MW-7S	N/A	10.4	0.1	10.5
MWA	N/A	1.3	-	1.3
MWB	N/A	0.1	-	0.1
RW-1	97	30.4	2.5	129.9
RW-2	58	9.5	0.5	68.0
RW-3	101	19.4	2.5	122.9
RW-4	22	1.4	-	23.4
RW-5	103	28.9	2.0	133.9
S2	N/A	5.8	-	5.8
S3	N/A	6.3	0.3	6.5
S9	N/A	0.4	-	0.4
Totals ² Through 02-07-2022	381	174.4	10.8	566.2

N/A - LNAPL recovery not performed at well during vacuum extraction events

1 - Manual LNAPL recovery did not occur at wells with no monthly LNAPL recovered value shown because well either contained a minor apparent thickness of LNAPL or no LNAPL was measureable.

2 - In addition to these totals, an estimated total of approximately 12,800 gallons of LNAPL as liquid and soil vapor had reportedly been recovered from the site by others between 1990 and 2008.



MONTHLY LNAPL RECOVERY SUMMARY

March 2022

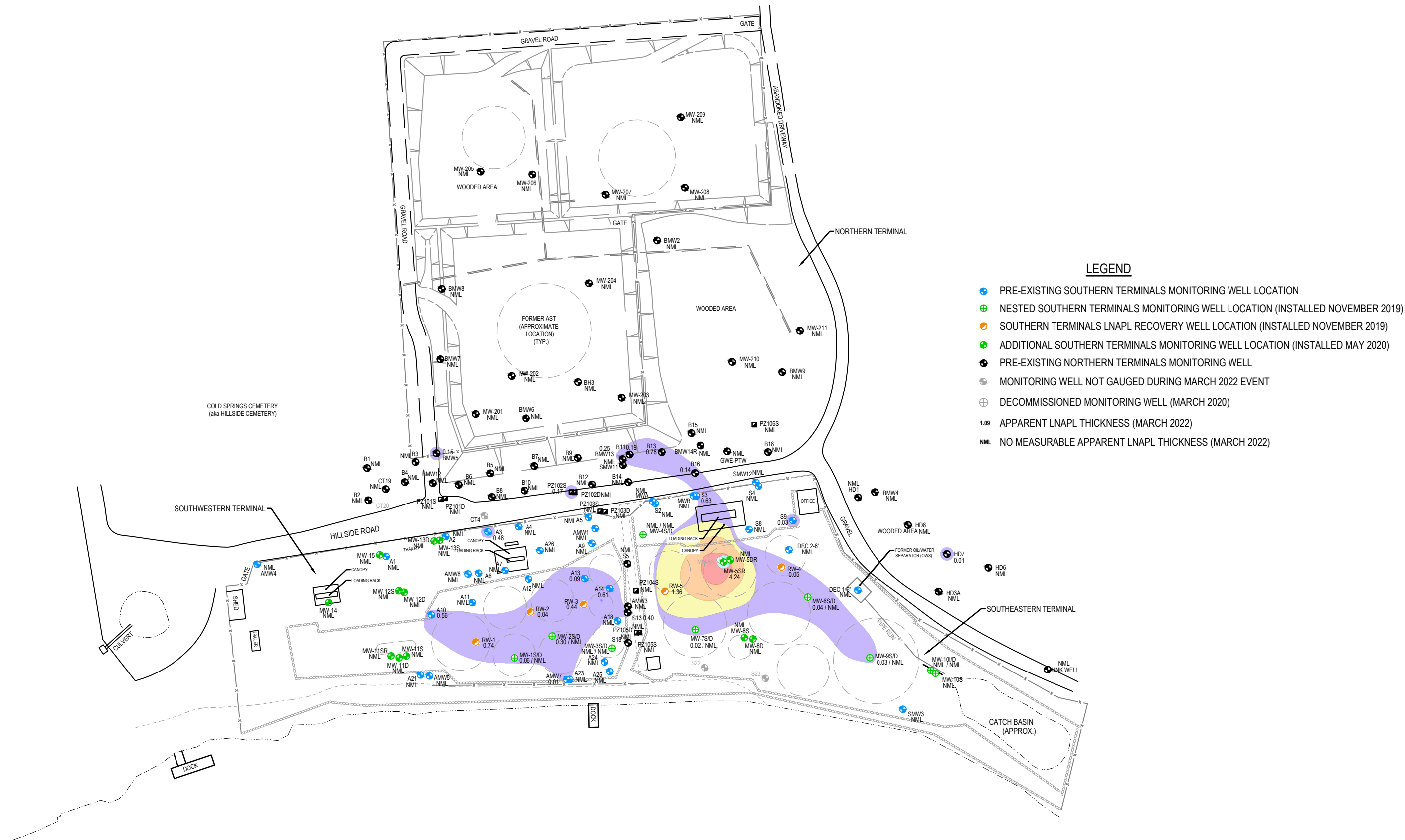
Cold Springs Terminals
Hillside Road, Lysander, NY
Southern Terminals Group
GHD Project Number 11137172

Well ID	LNAPL Recovered (gallons)			
	Vacuum Extraction Events	Skimmer Systems and Manual Recovery		Totals
	02-03-2020 to 03-29-2021	04-08-2021 to 02-07-2022	03-10-2022 ¹	Through 03-10-2022
A3	N/A	0.38	0.10	0.48
A10	N/A	3.98	0.10	4.08
A12	N/A	4.75	-	4.75
A13	N/A	7.10	-	7.10
A14	N/A	16.50	0.25	16.75
A18	N/A	0.25	-	0.25
AMW5	N/A	2.00	-	2.00
B13	N/A	-	0.25	0.25
BMW13	N/A	-	0.75	0.75
MW-1S	N/A	0.63	-	0.63
MW-2S	N/A	11.65	0.10	11.75
MW-5SR	N/A	15.25	1.50	16.75
MW-6D	N/A	0.50	-	0.50
MW-6S	N/A	0.60	-	0.60
MW-7S	N/A	10.45	-	10.45
MWA	N/A	1.30	-	1.30
MWB	N/A	0.13	-	0.13
RW-1	97	32.90	3.50	133.40
RW-2	58	10.00	-	68.00
RW-3	101	21.90	3.00	125.90
RW-4	22	1.40	-	23.40
RW-5	103	30.90	4.50	138.40
S2	N/A	5.75	-	5.75
S3	N/A	6.50	0.50	7.00
S9	N/A	0.38	-	0.38
S13	N/A	-	0.25	0.25
Totals ² Through 03-10-2022	381	185.18	14.80	580.98

N/A - LNAPL recovery not performed at well during vacuum extraction events

1 - Manual LNAPL recovery did not occur at wells with no monthly LNAPL recovered value shown because well either contained a minor apparent thickness of LNAPL or no LNAPL was measureable.

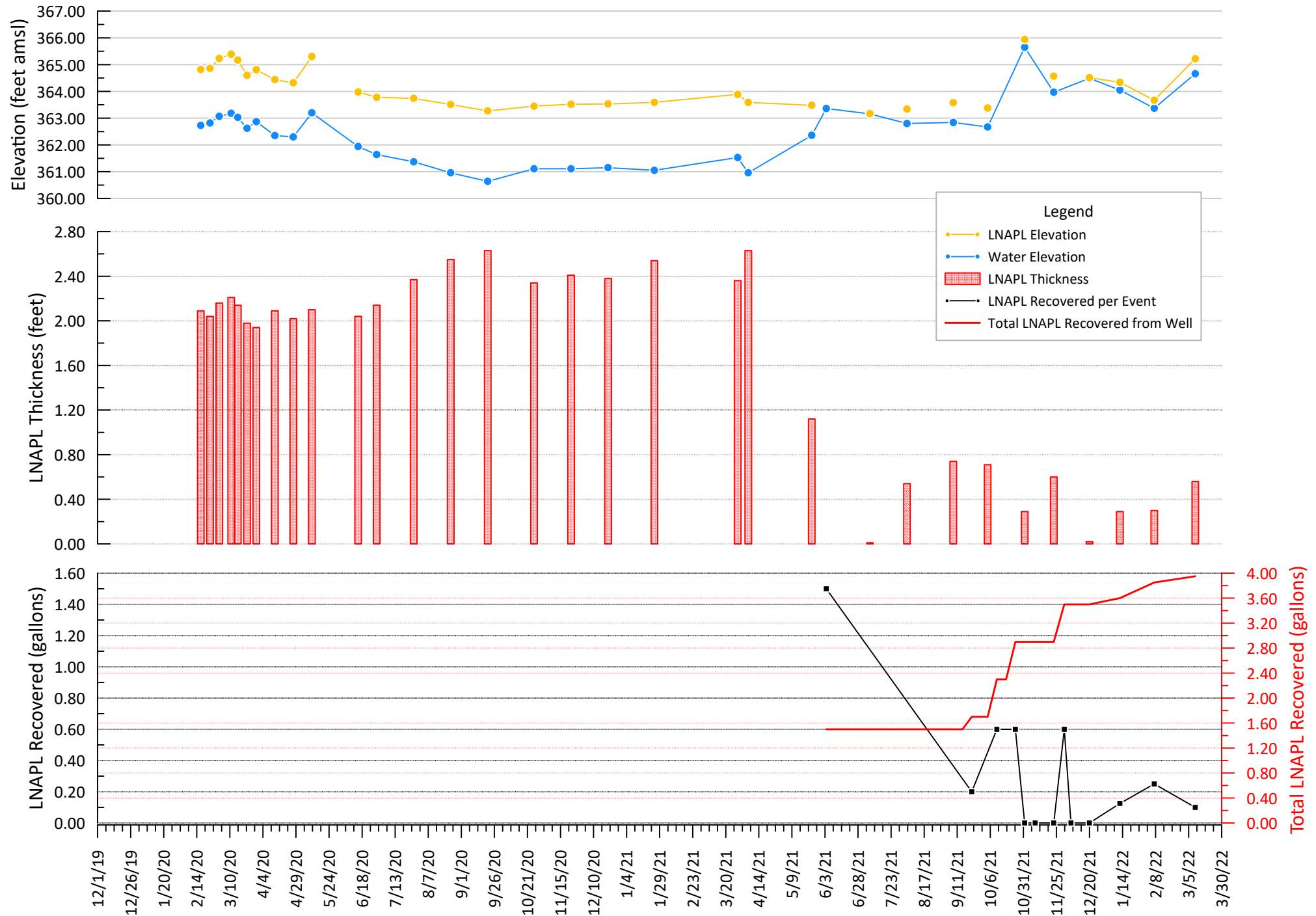
2 - In addition to these totals, an estimated total of approximately 12,800 gallons of LNAPL as liquid and soil vapor had reportedly been recovered from the site by others between 1990 and 2008.





A10 Skimmer Unit 1

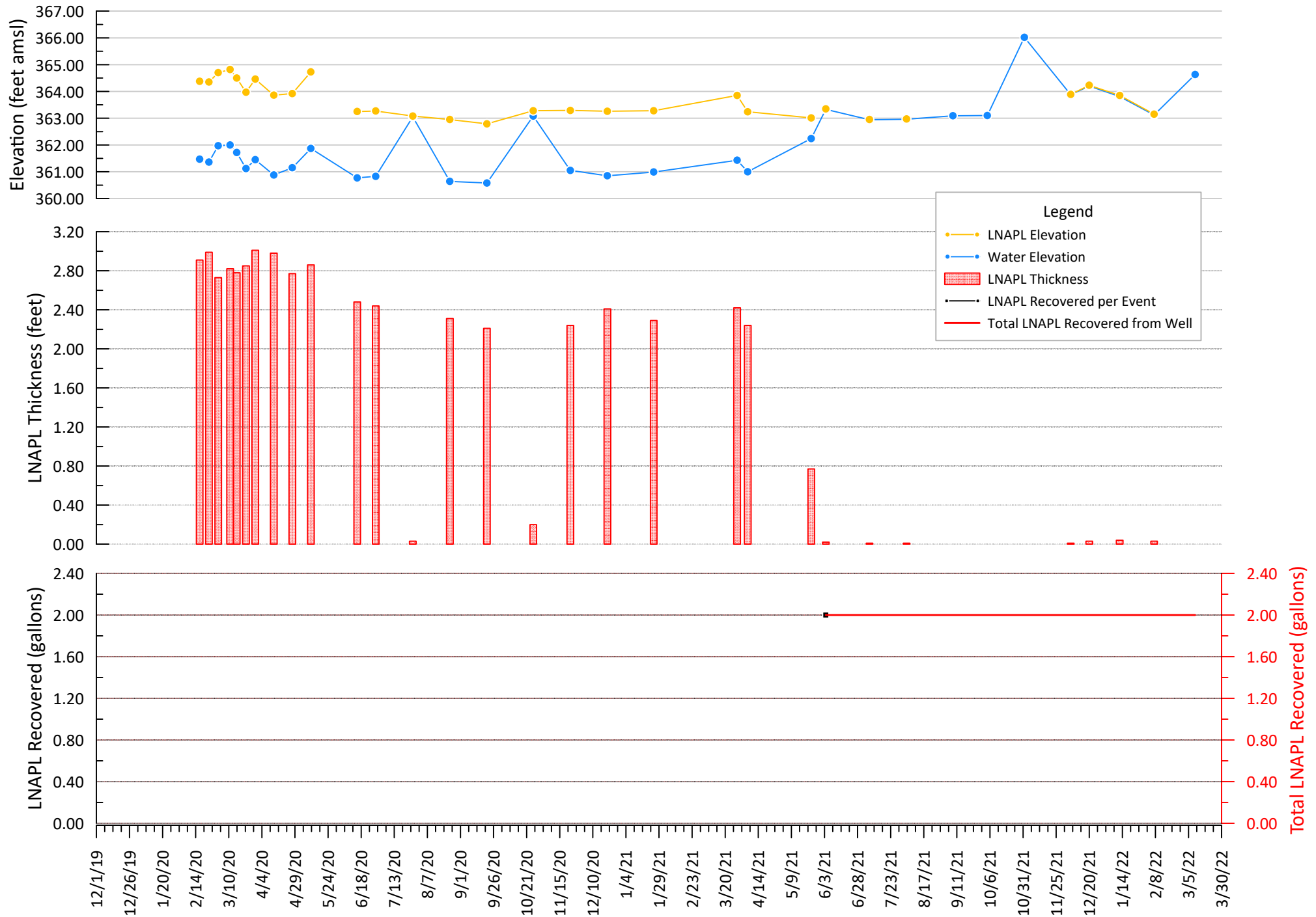
Cold Springs Site - Hillside Road, Lysander, NY
Southern Terminals Group
GHD Project Number 11137172





AMW5 Skimmer Unit 1

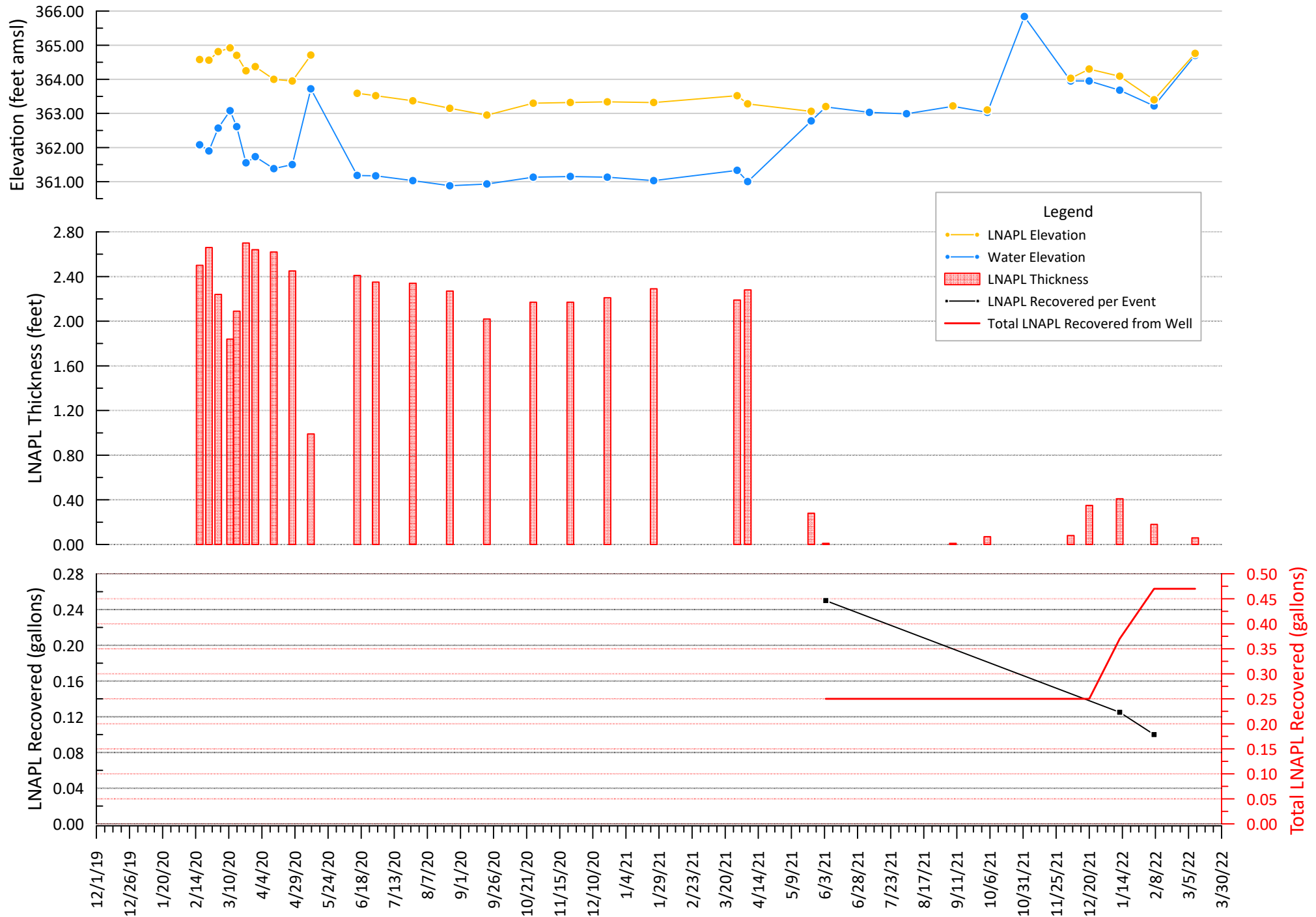
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MW-1S Skimmer Unit 1

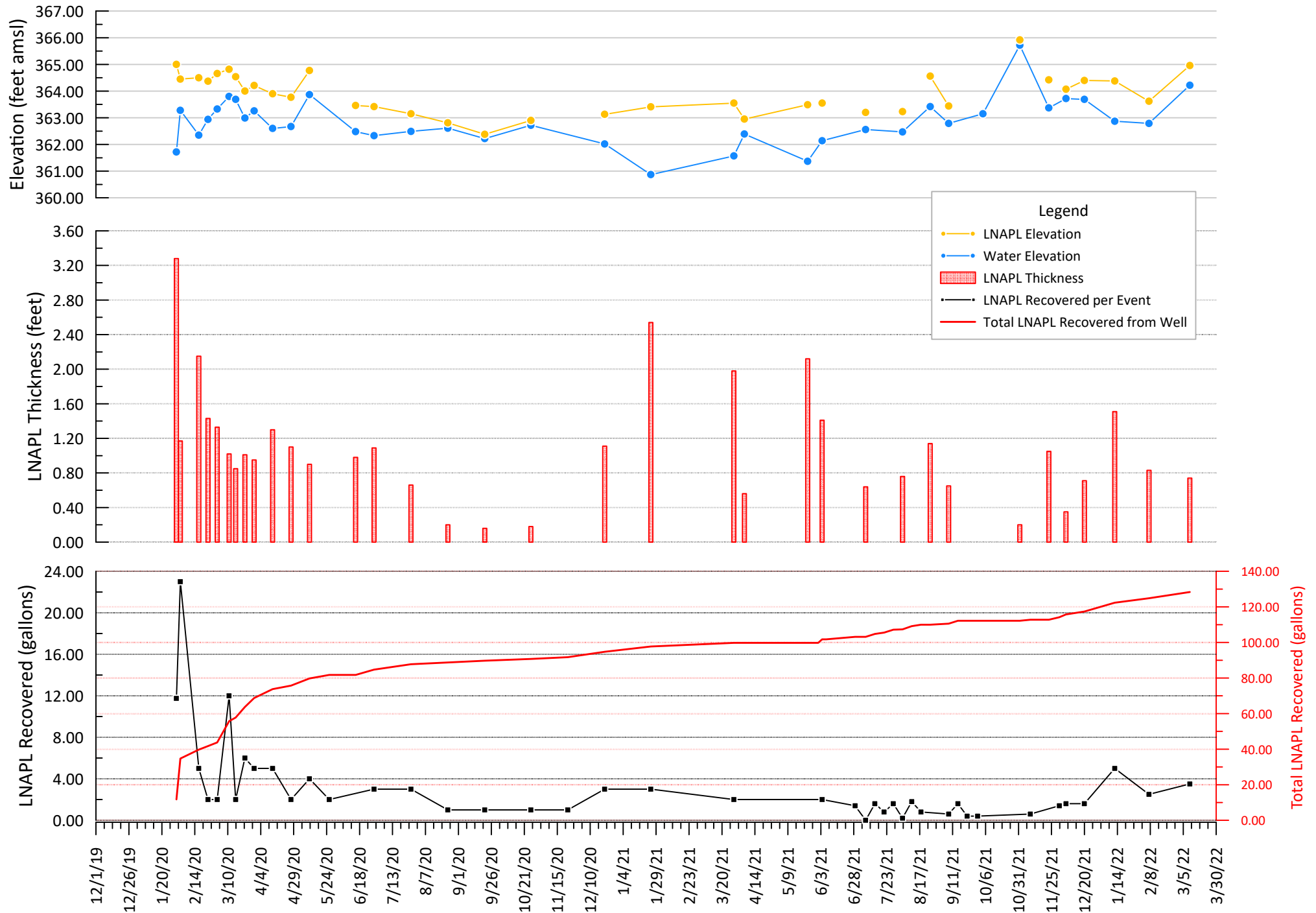
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RW-1 Skimmer Unit 1

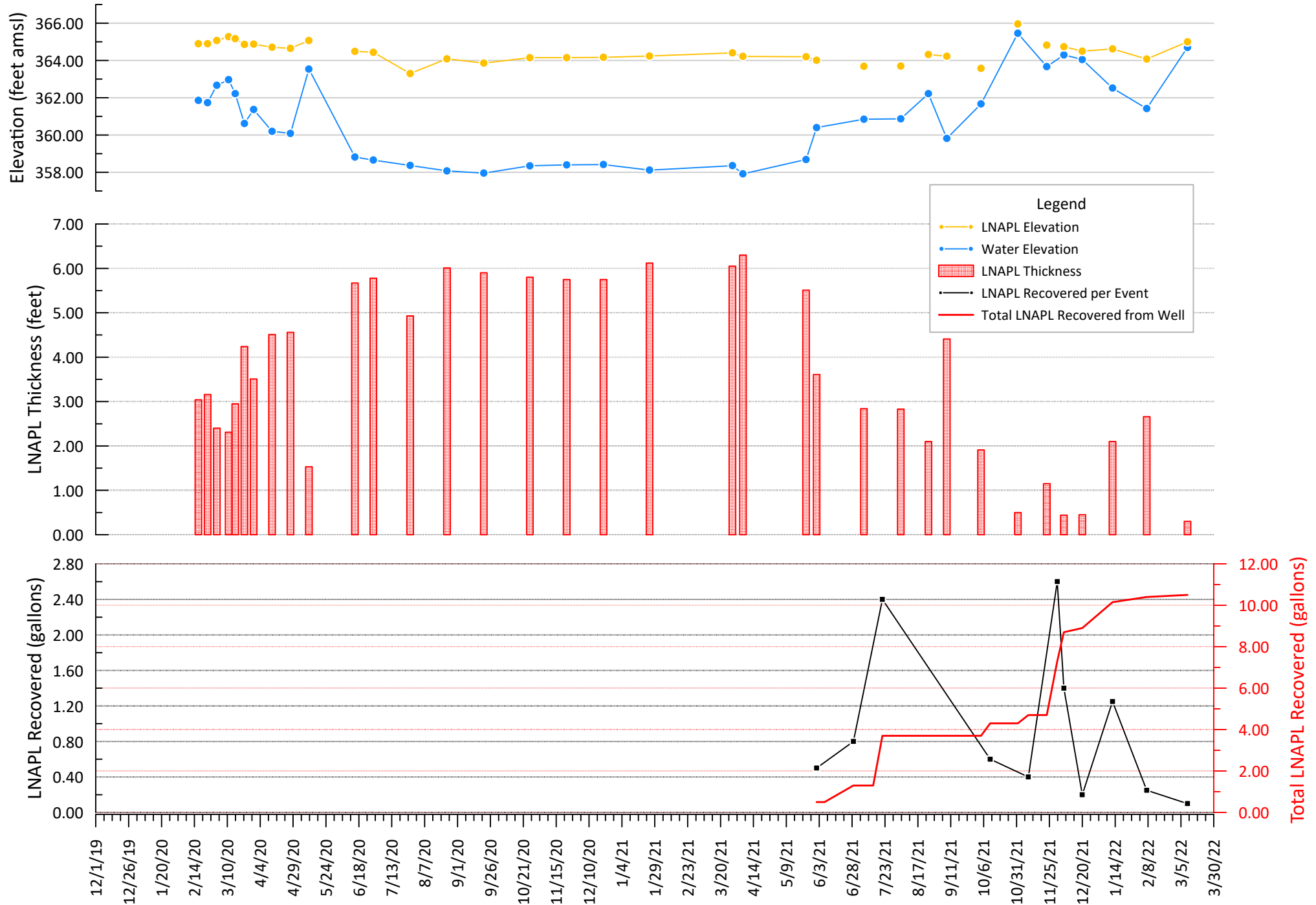
Cold Springs Site - Hillside Road, Lysander, NY
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MW-2S Skimmer Unit 2

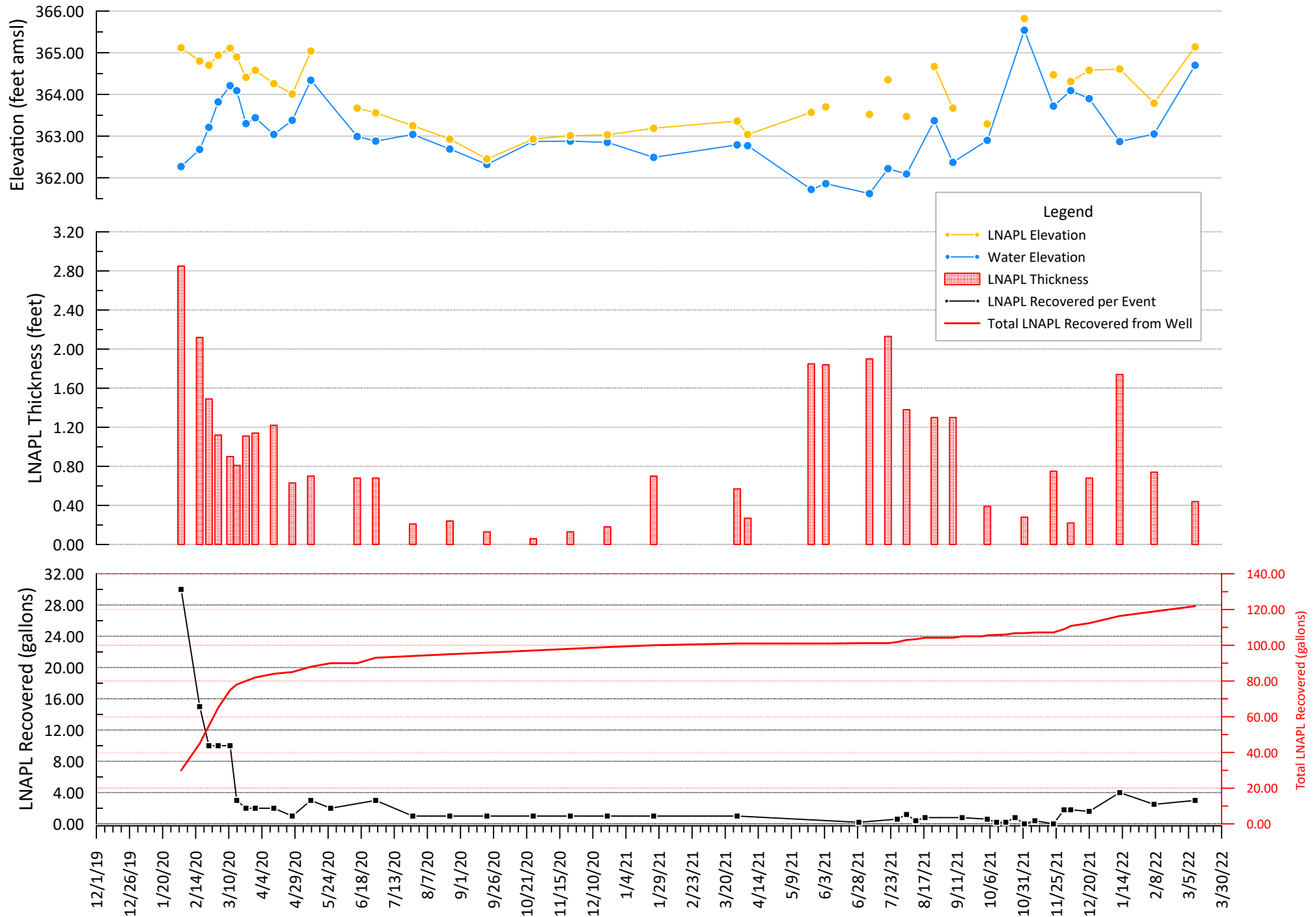
Cold Springs Site - Hillside Road, Lysander, NY
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RW-3 Skimmer Unit 2

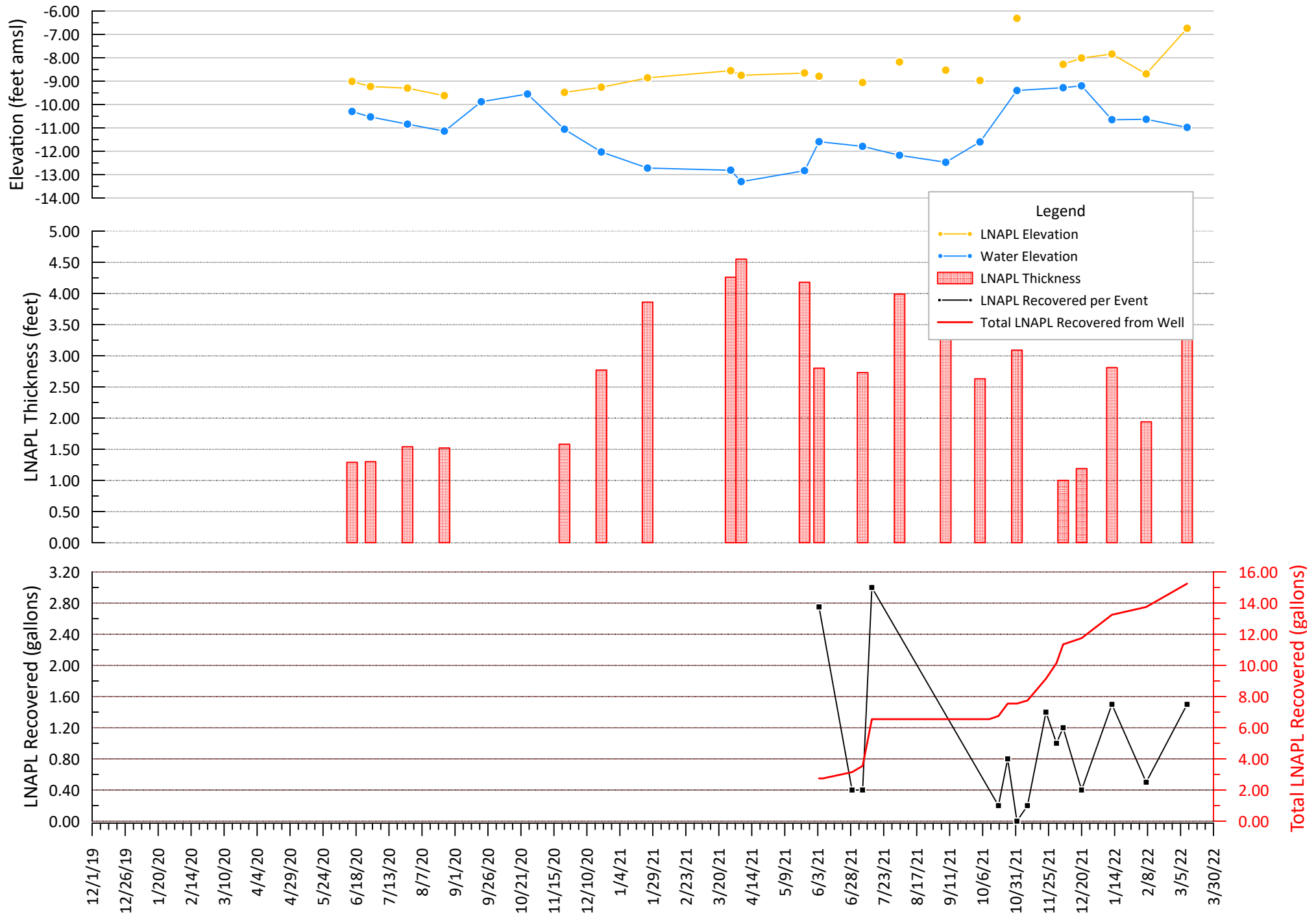
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MW-5SR Skimmer Unit 3

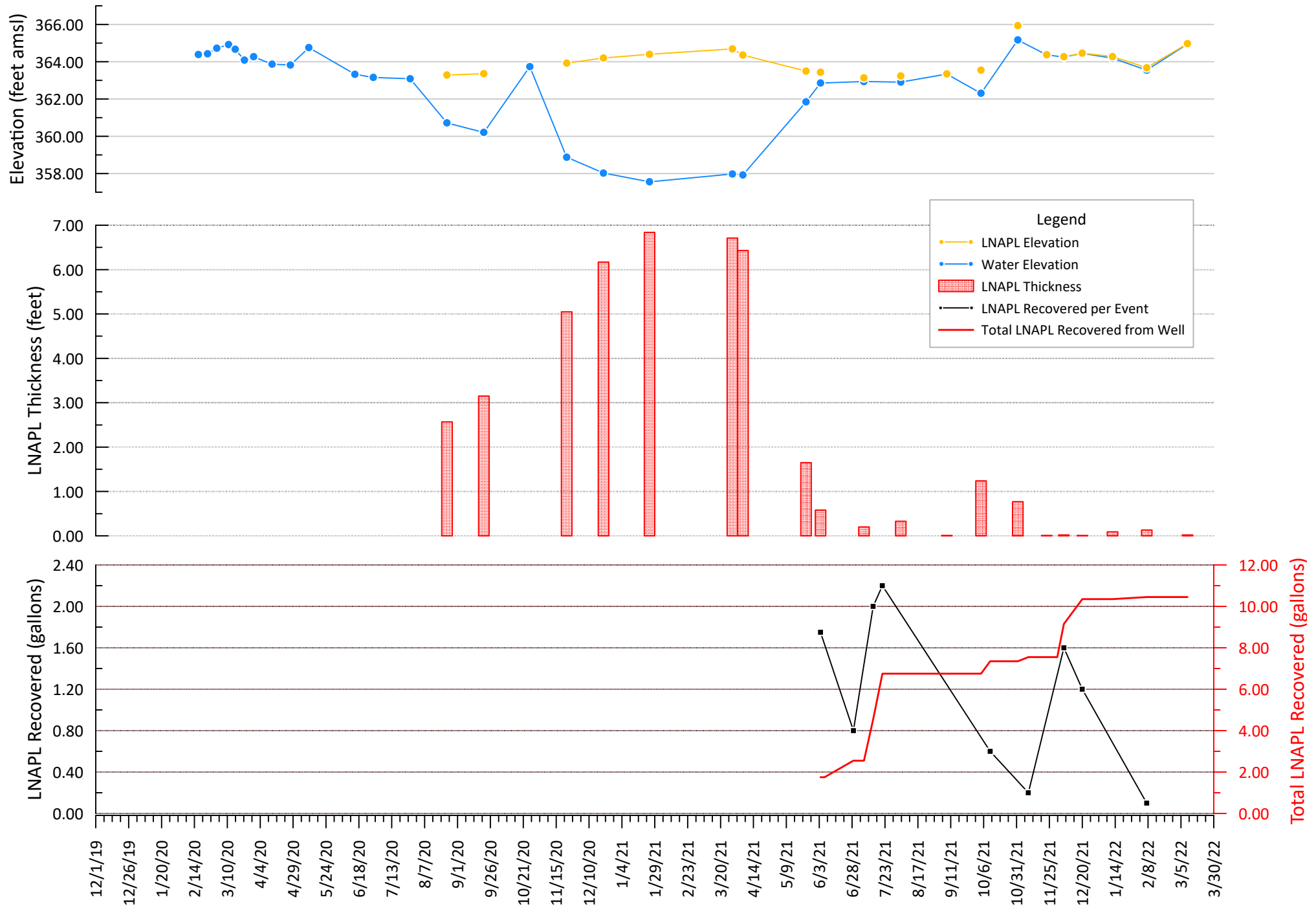
Cold Springs Site - Hillside Road, Lysander, NY
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MW-7S Skimmer Unit 3

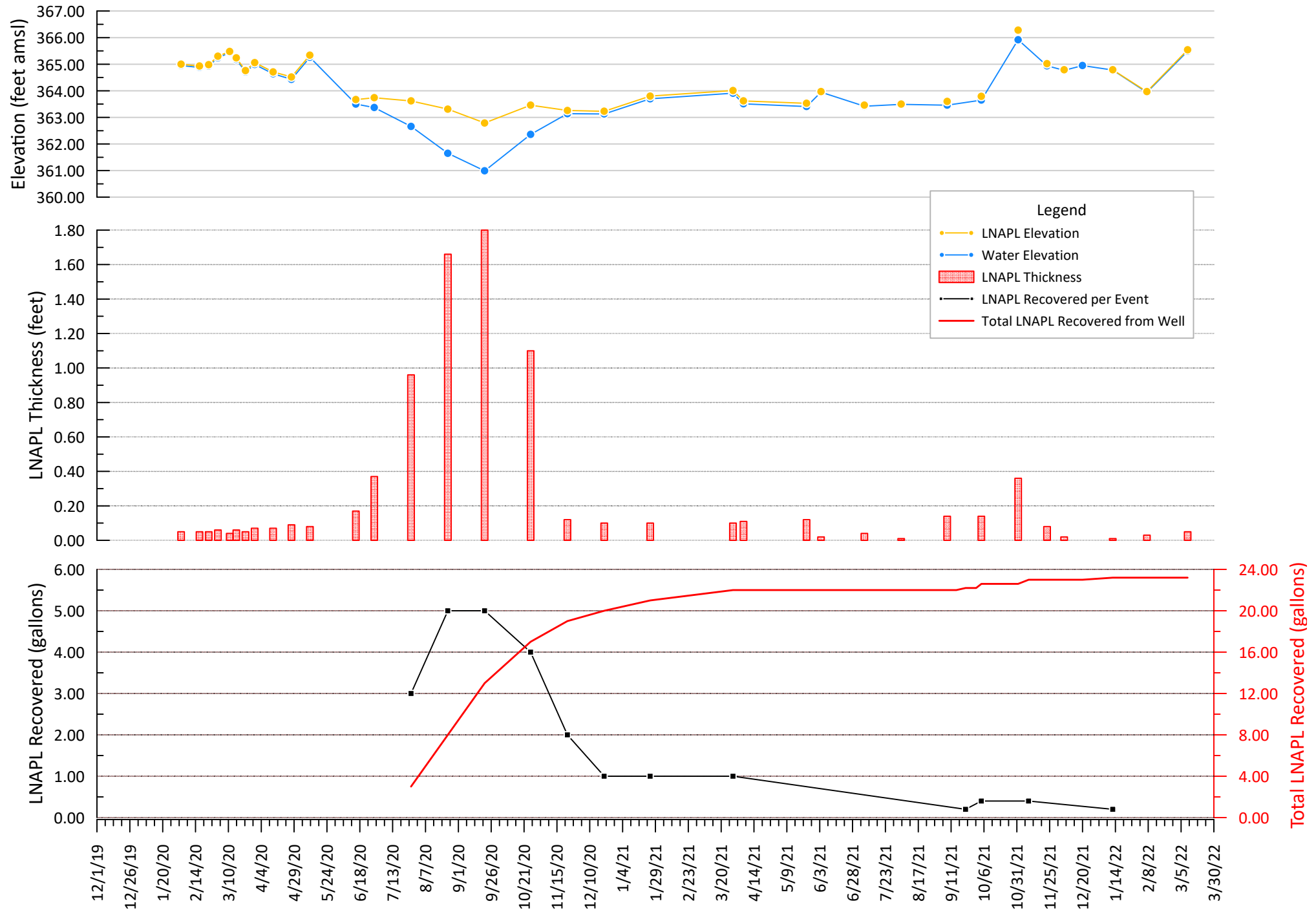
Cold Springs Site - Hillside Road, Lysander, NY
Southern Terminals Group
GHD Project Number 11137172





RW-4 Skimmer Unit 3

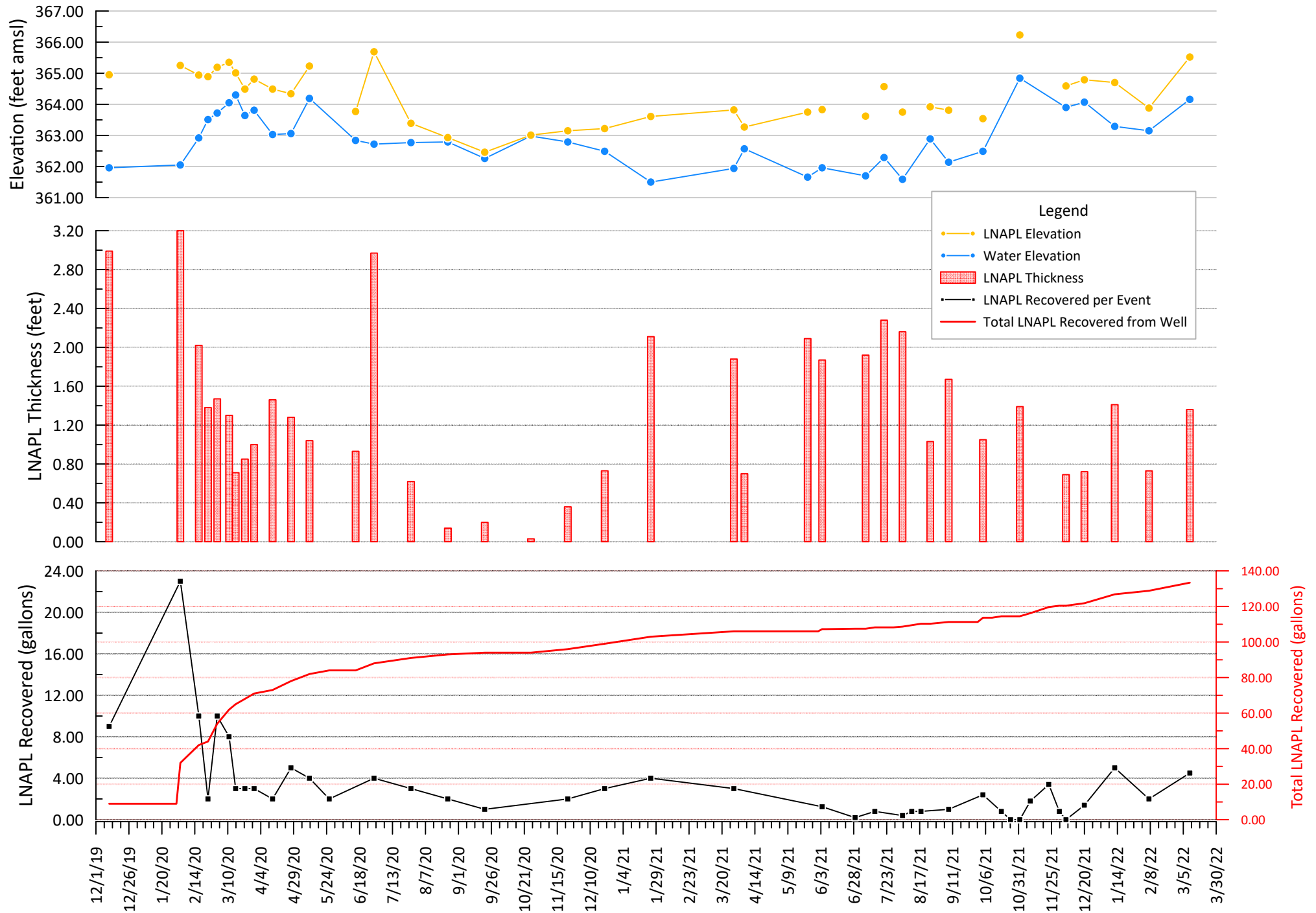
Cold Springs Site - Hillside Road, Lysander, NY
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RW-5 Skimmer Unit 3

Cold Springs Site - Hillside Road, Lysander, NY
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GHD Project Number 11137172

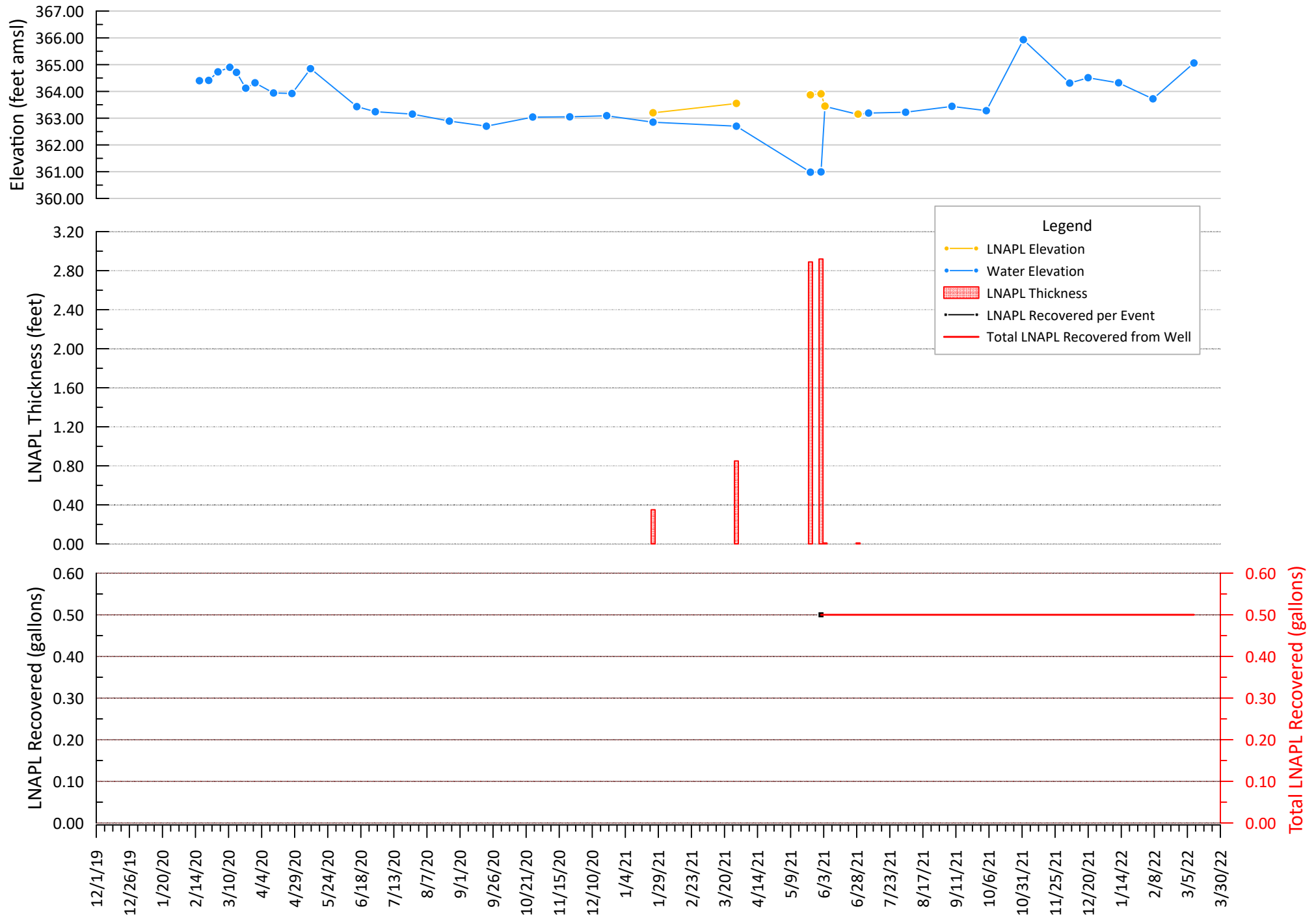




MW-6D

Manual Recovery

Cold Springs Site - Hillside Road, Lysander, NY
Southern Terminals Group
GHD Project Number 11137172

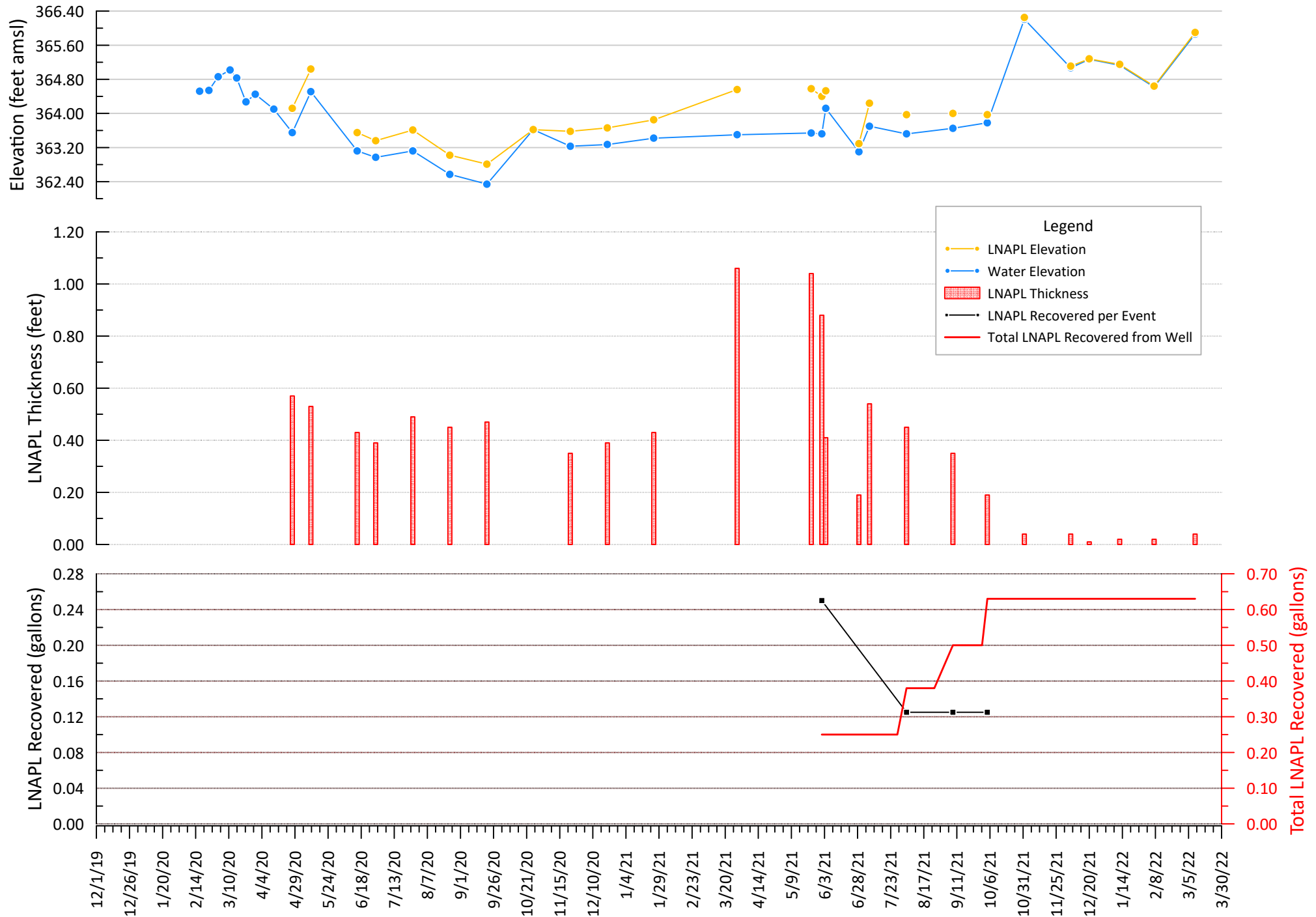




MW-6S

Manual Recovery

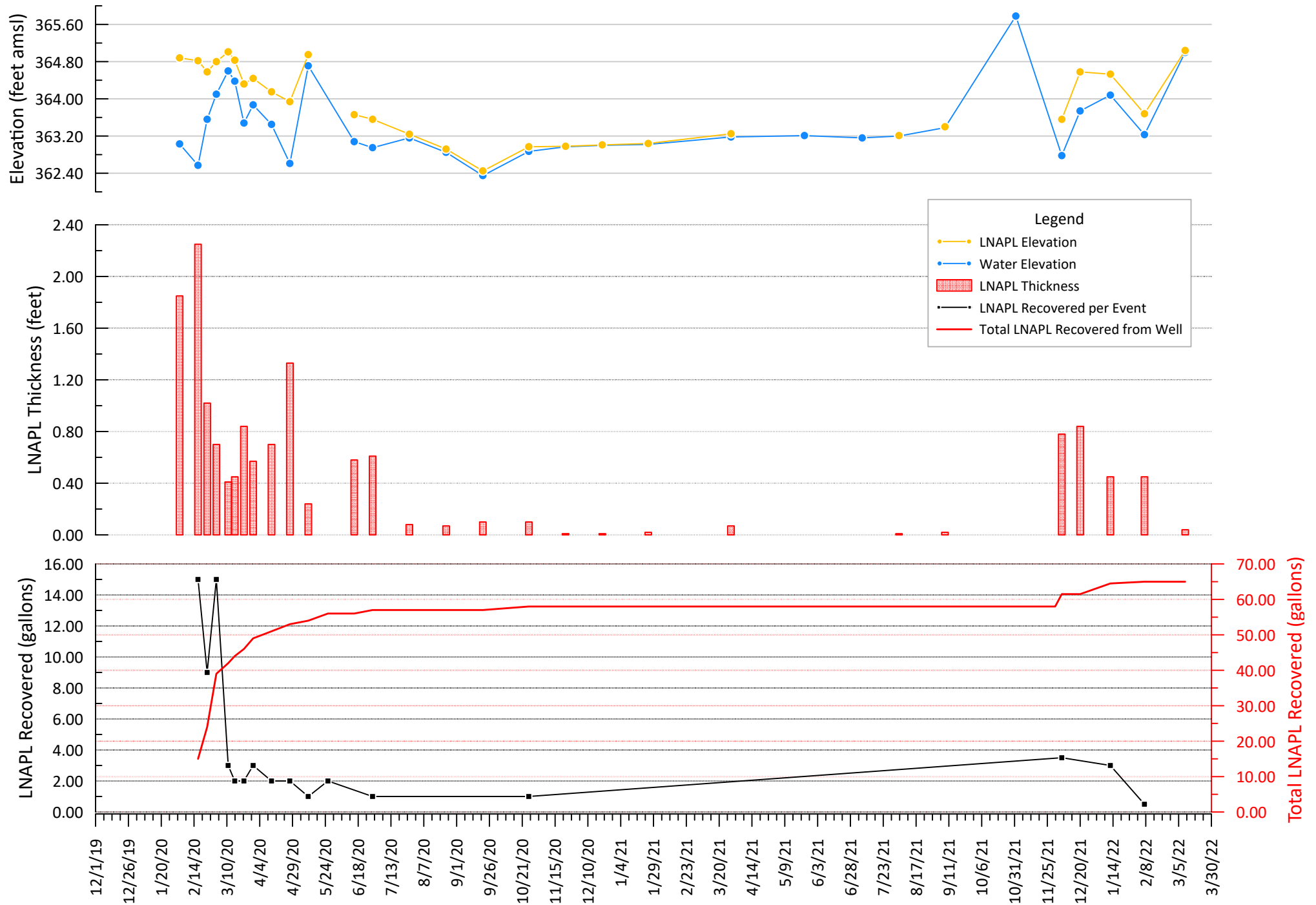
Cold Springs Site - Hillside Road, Lysander, NY
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RW-2 Manual Recovery

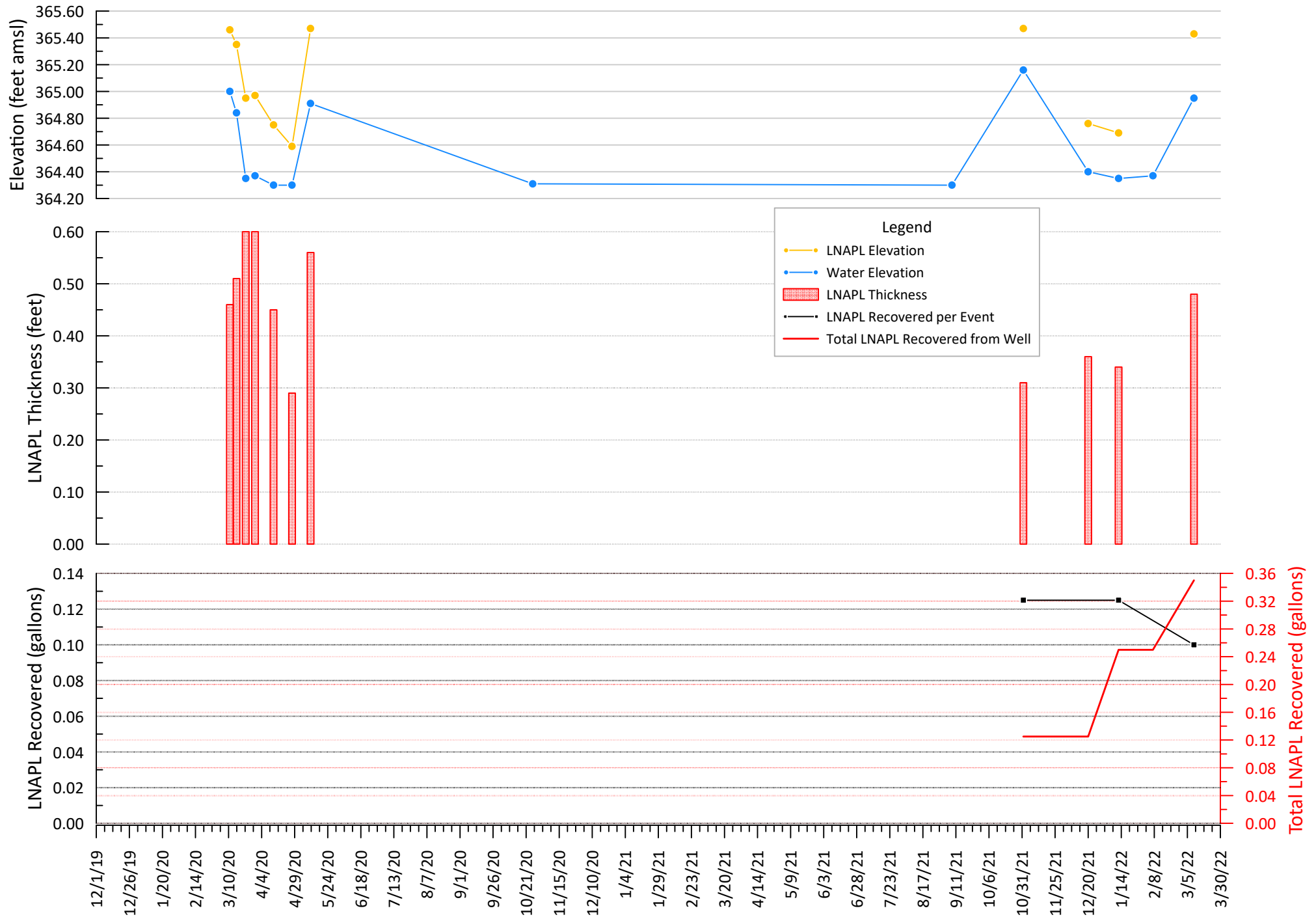
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A3 Manual Recovery

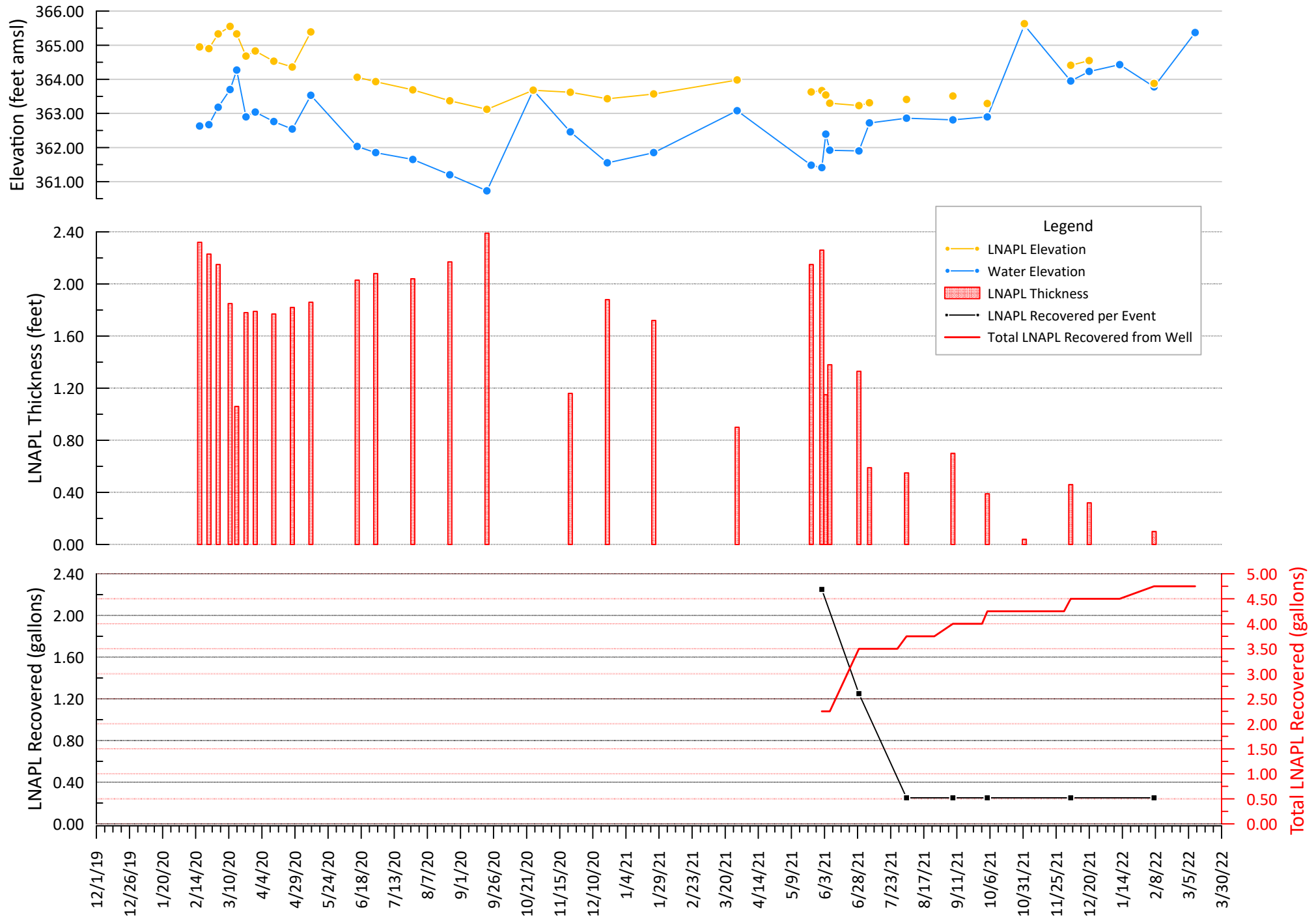
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A12 Manual Recovery

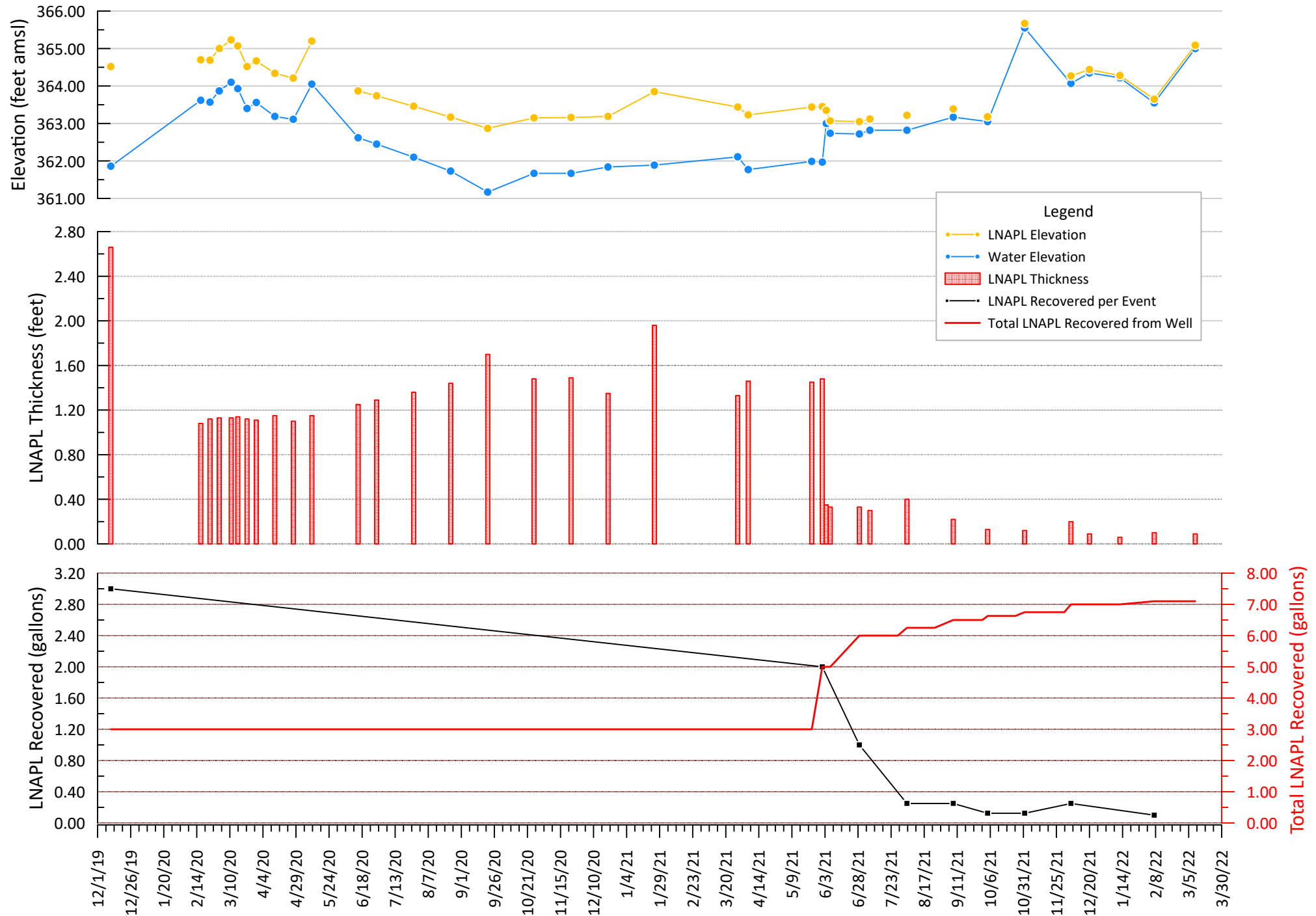
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A13 Manual Recovery

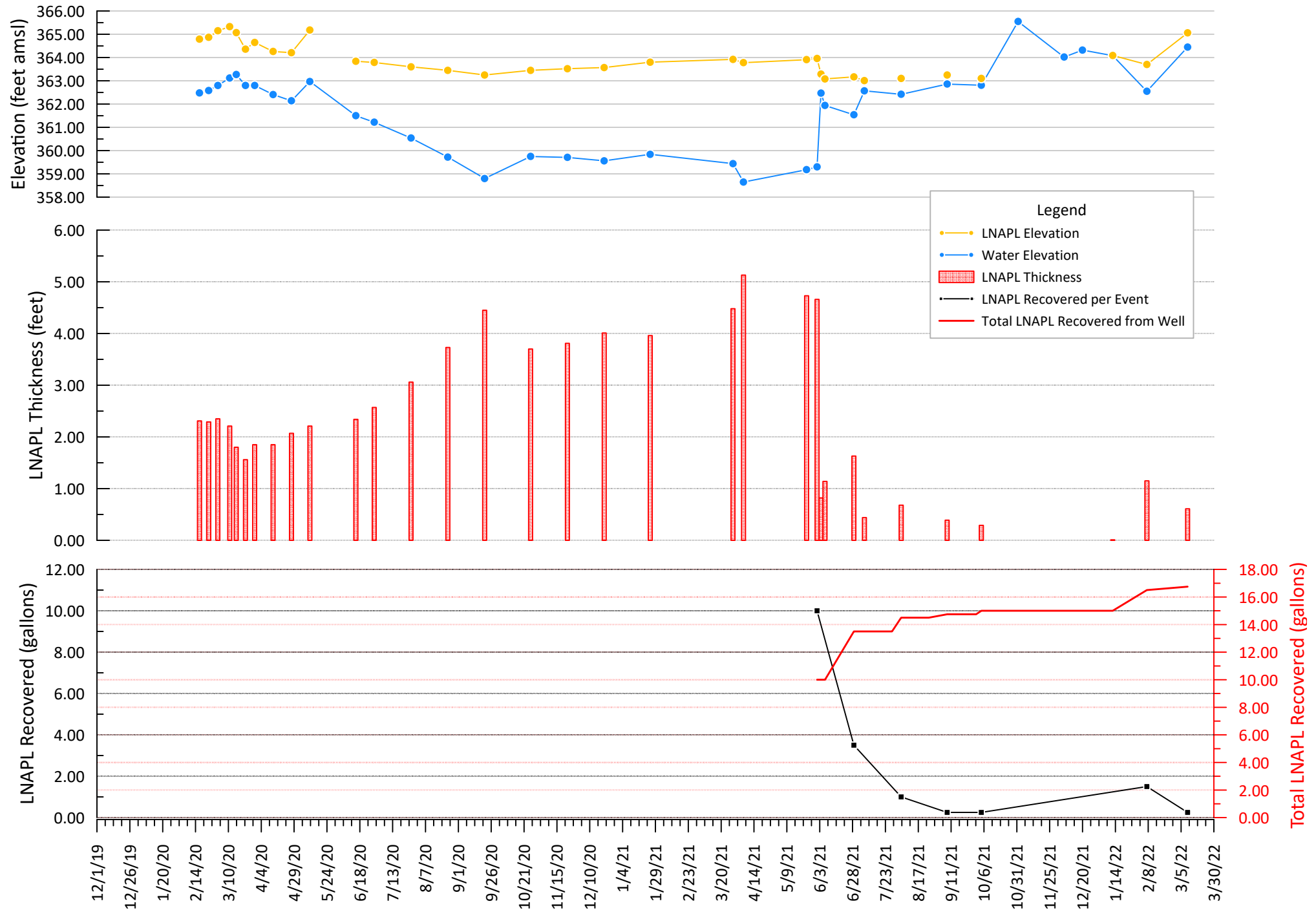
Cold Springs Site - Hillside Road, Lysander, NY
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A14 Manual Recovery

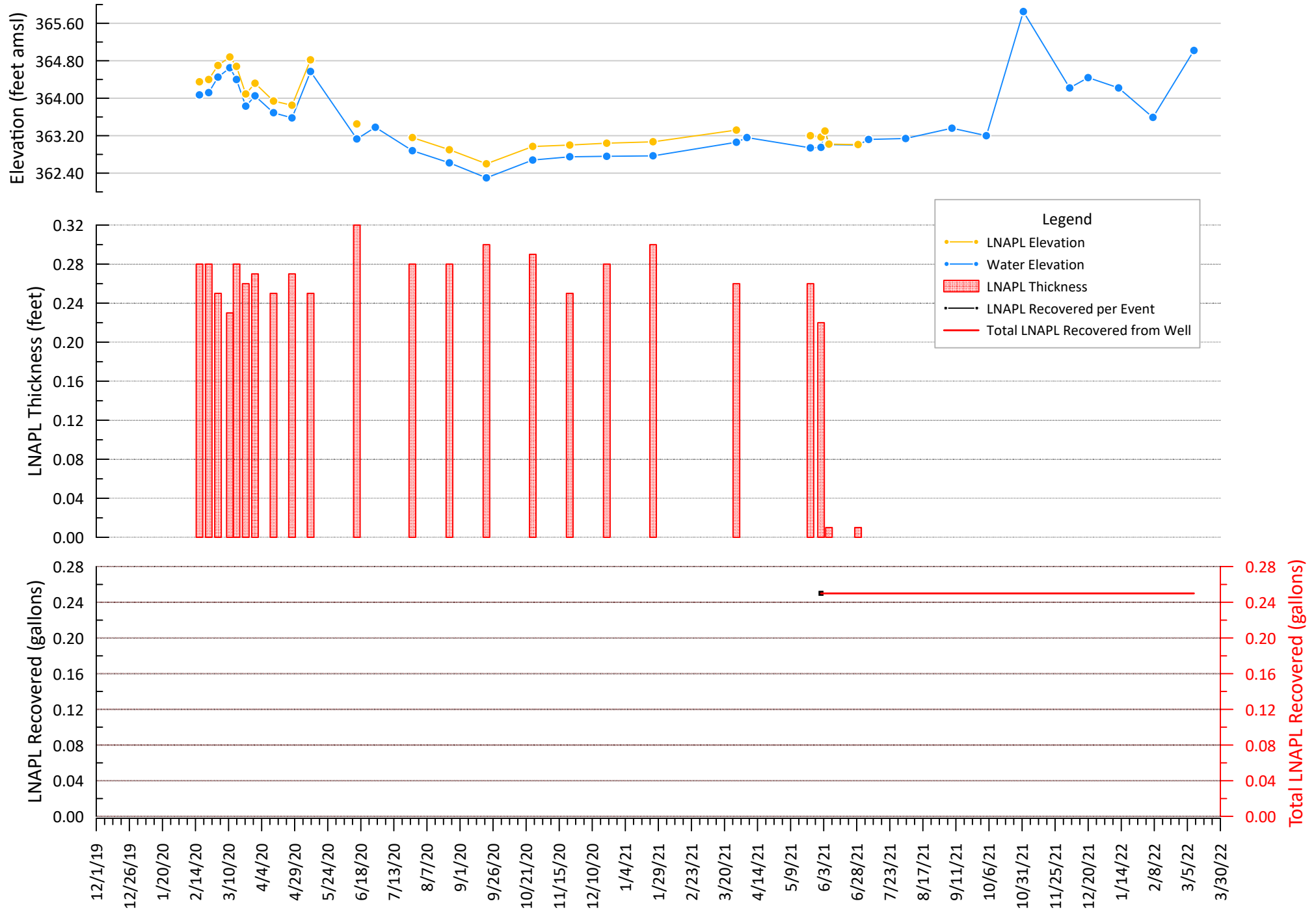
Cold Springs Site - Hillside Road, Lysander, NY
Southern Terminals Group
GHD Project Number 11137172





A18 Manual Recovery

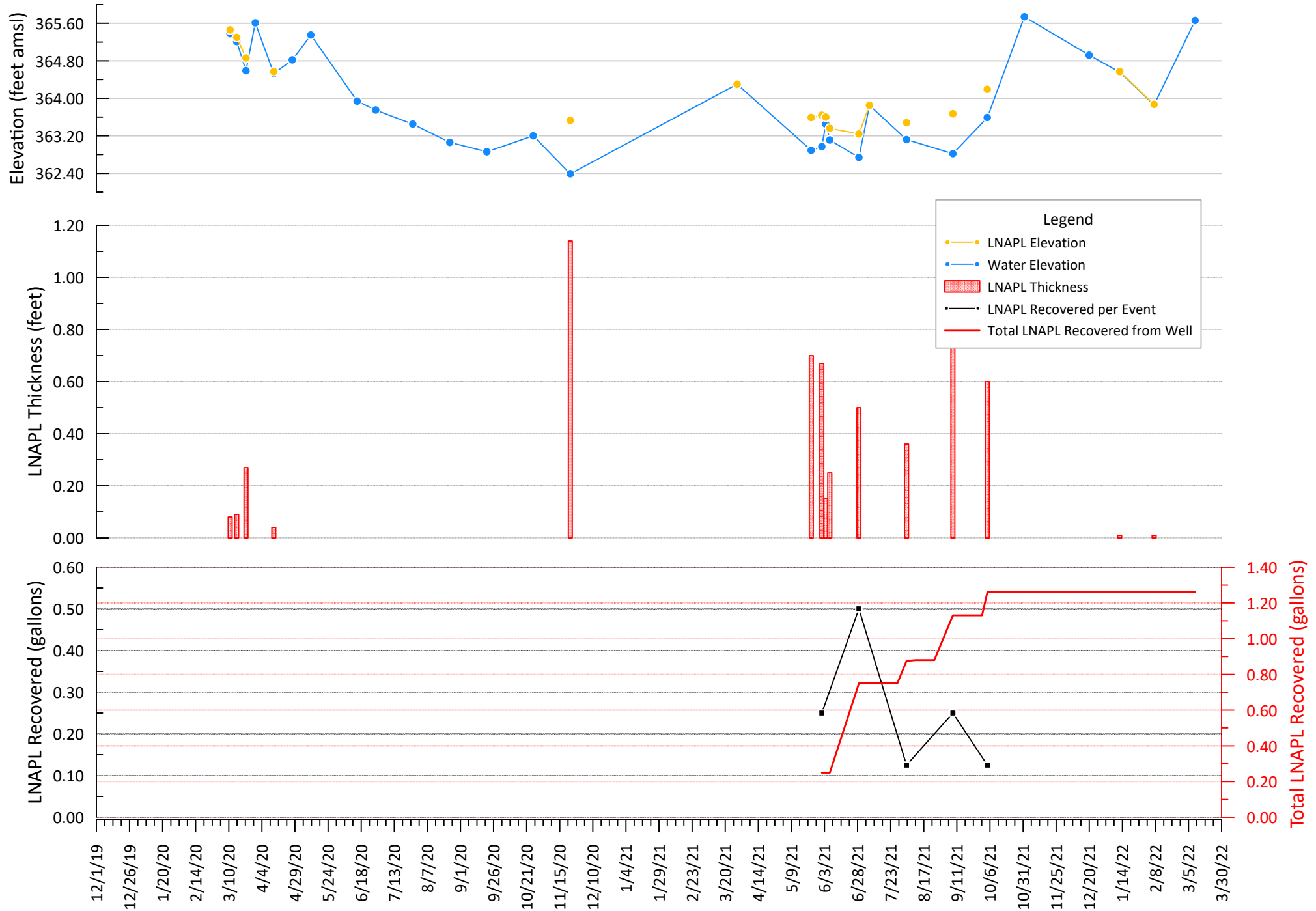
Cold Springs Site - Hillside Road, Lysander, NY
Southern Terminals Group
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MWA Manual Recovery

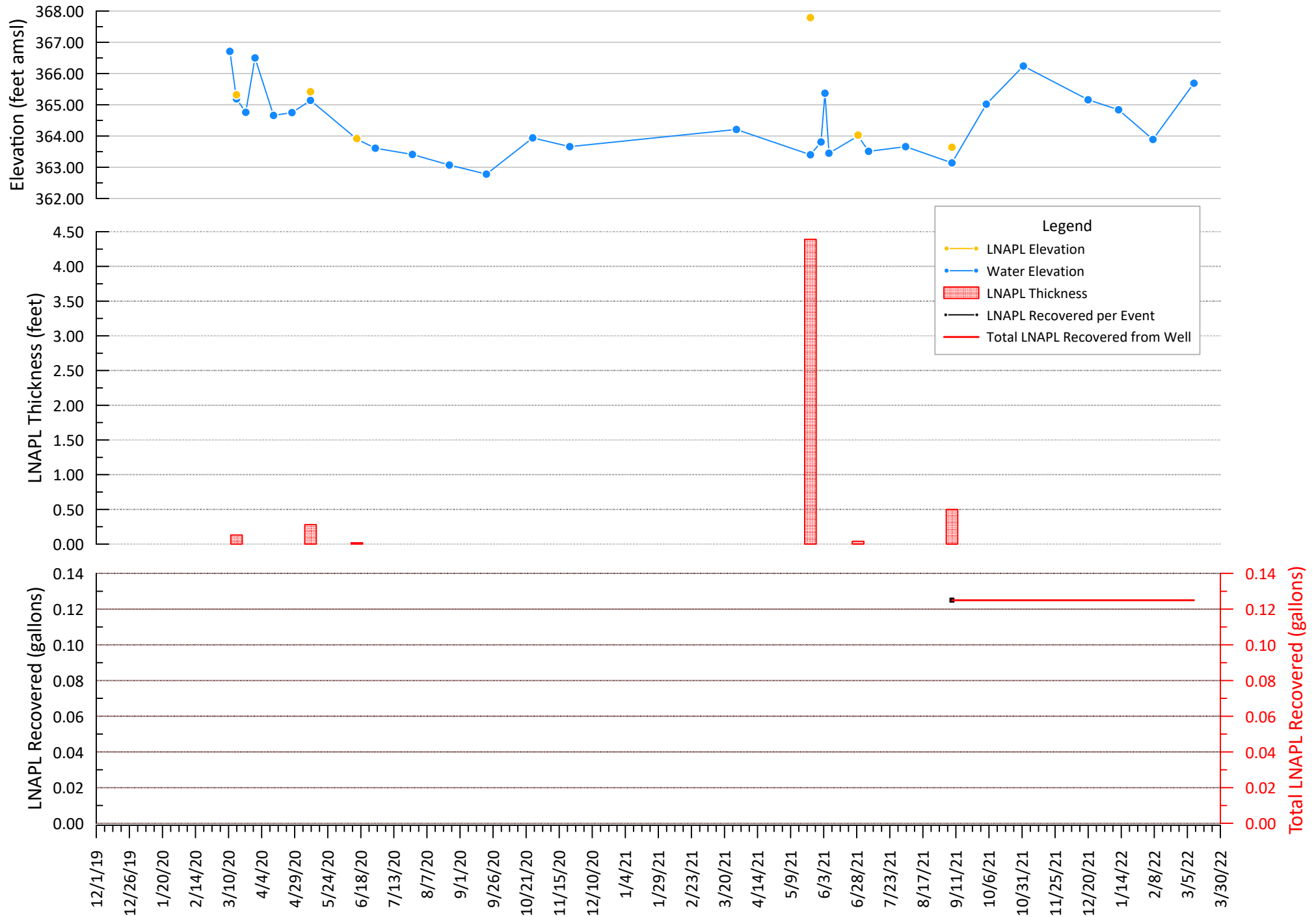
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MWB Manual Recovery

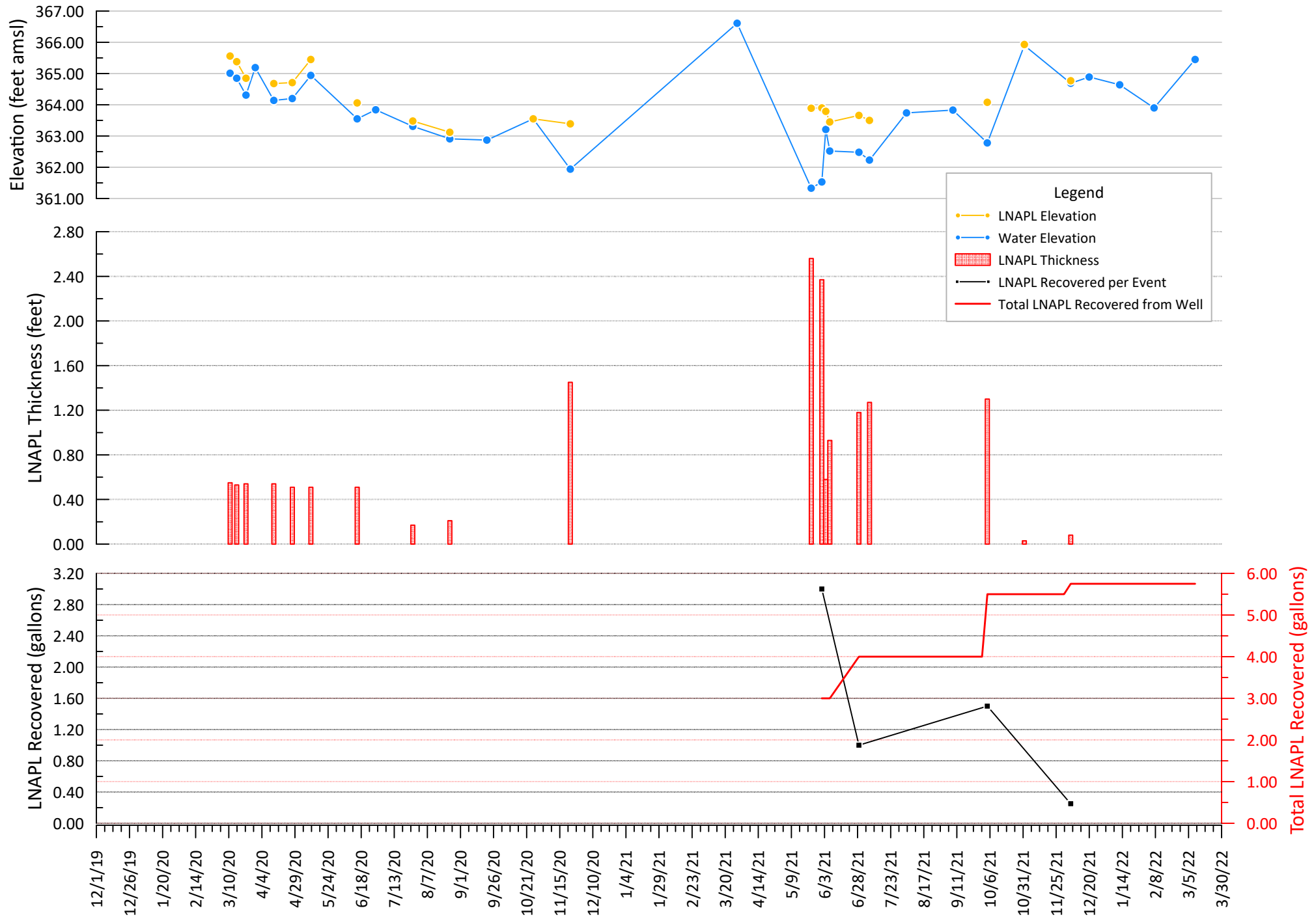
Cold Springs Site - Hillside Road, Lysander, NY
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S2 Manual Recovery

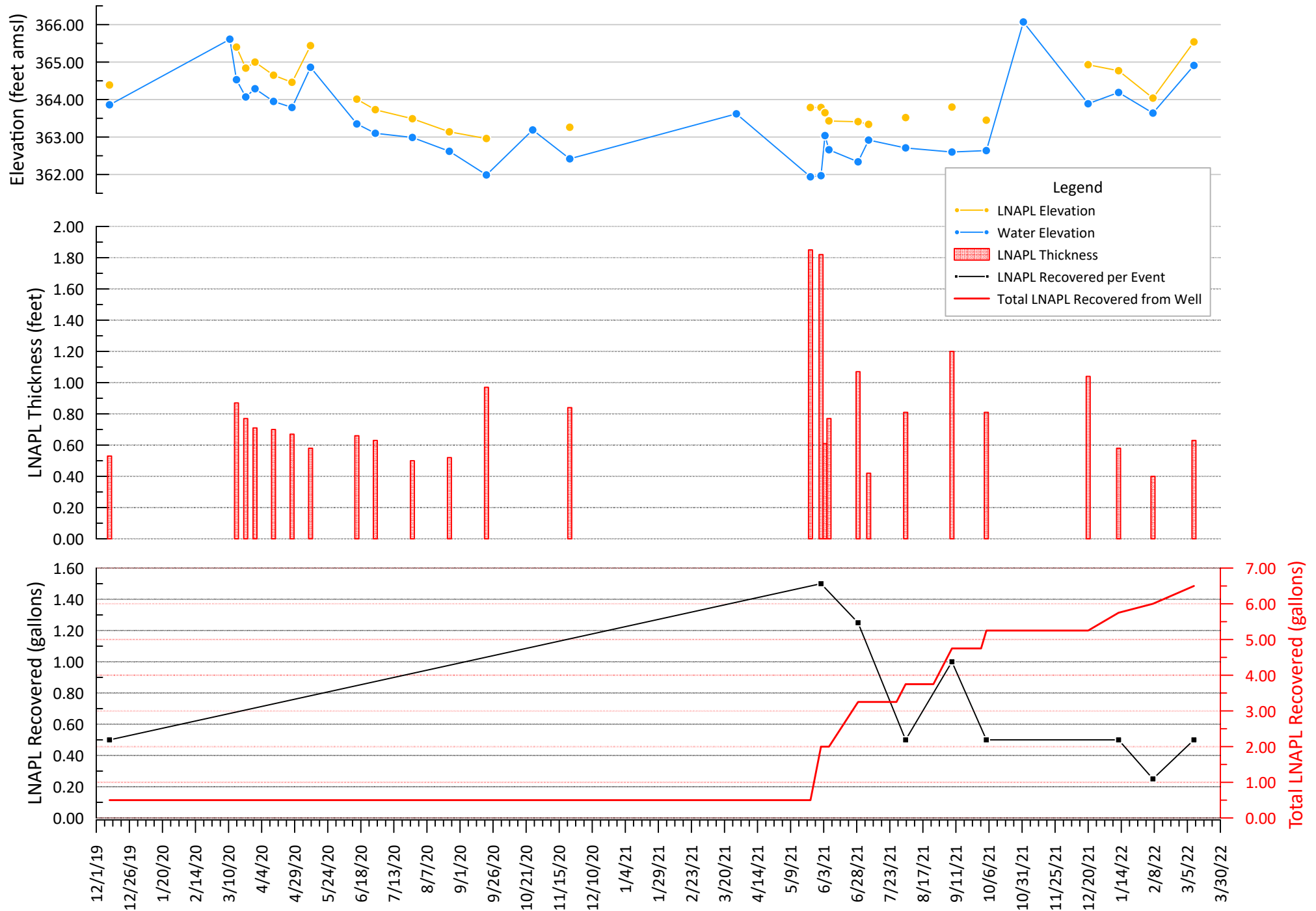
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S3 Manual Recovery

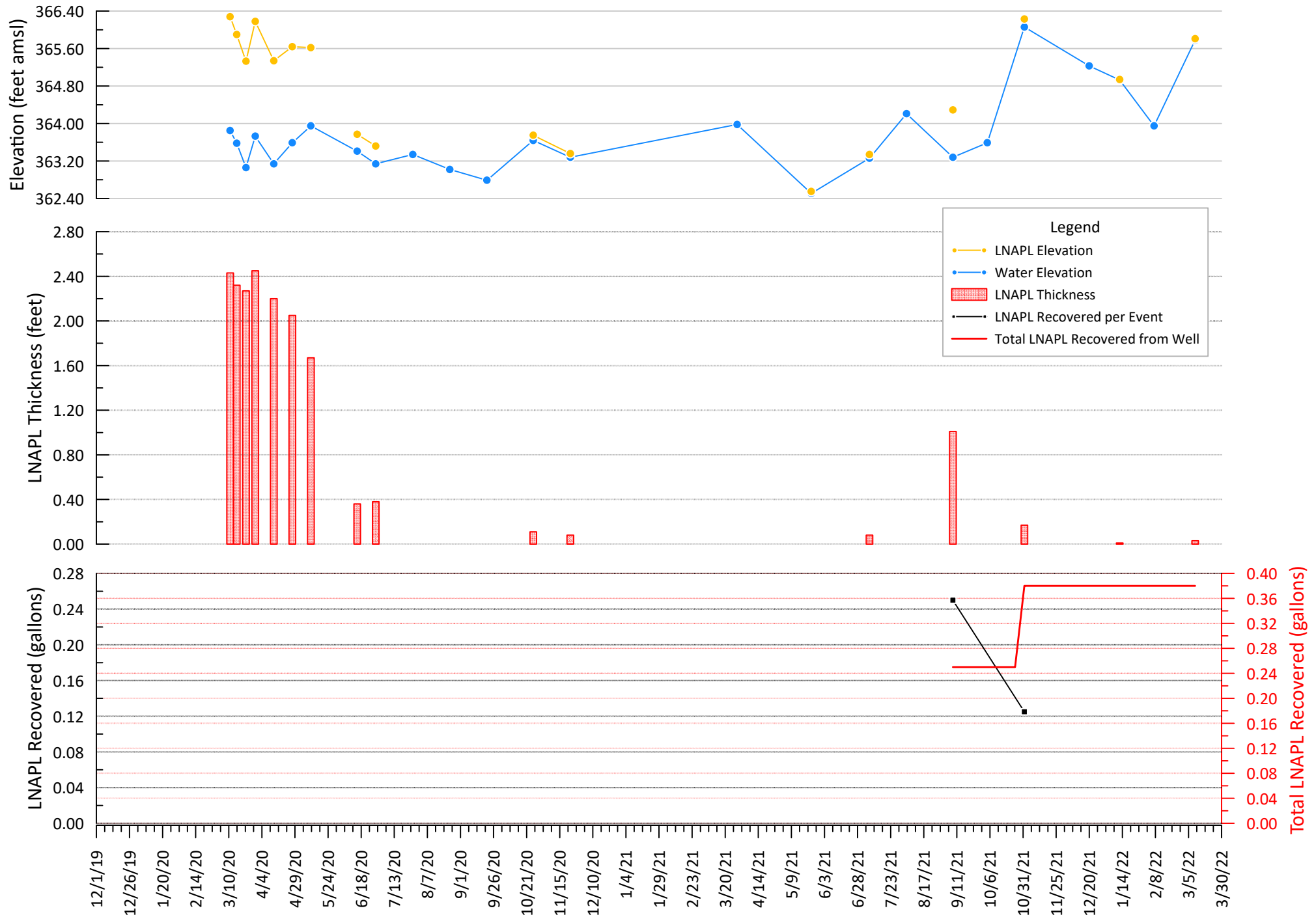
Cold Springs Site - Hillside Road, Lysander, NY
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S9 Manual Recovery

Cold Springs Site - Hillside Road, Lysander, NY
Southern Terminals Group
GHD Project Number 11137172

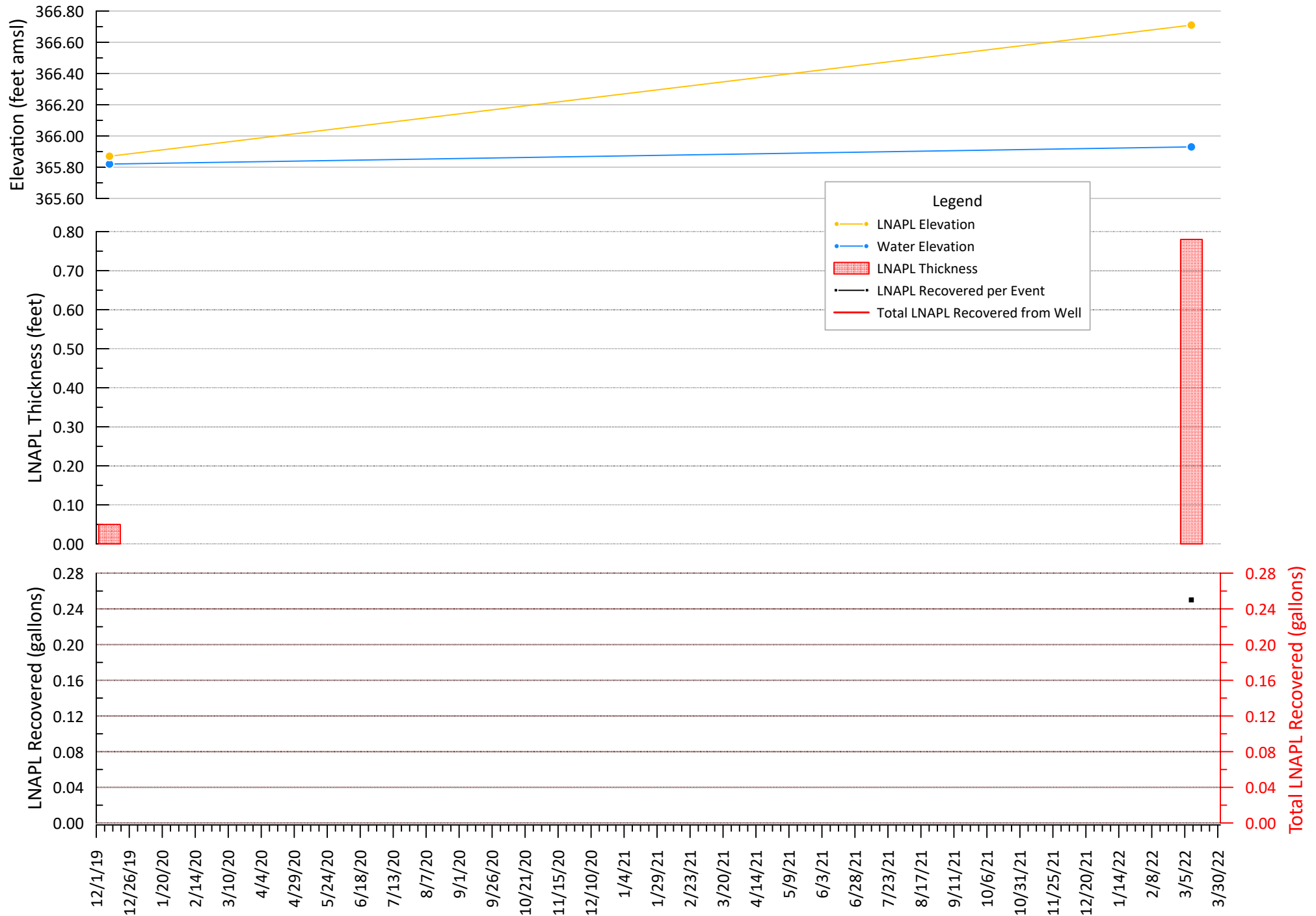




B13

Cold Springs Site - Hillside Road, Lysander, NY
Southern Terminals Group
GHD Project Number 11137172

Manual Recovery - Northern Terminal

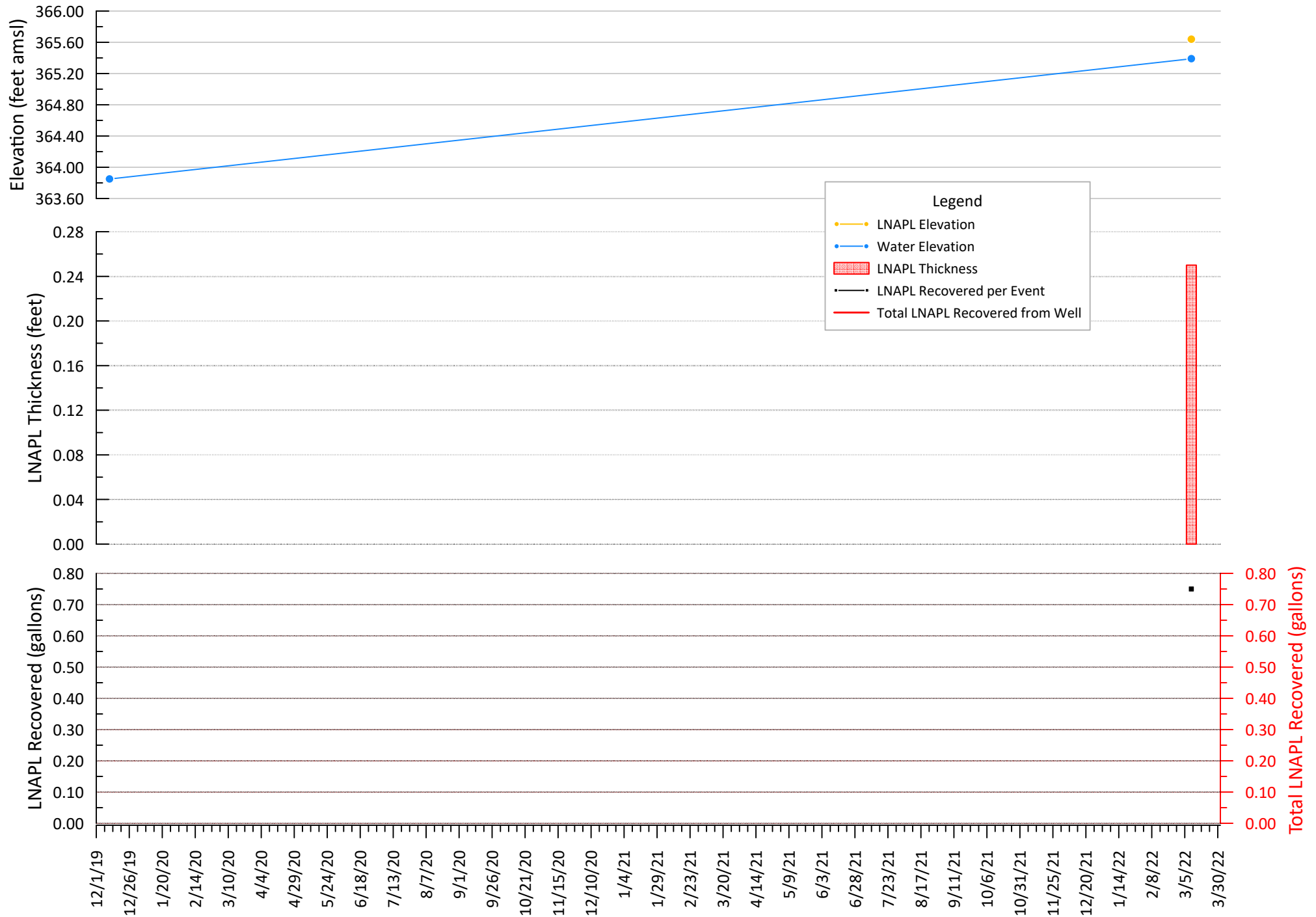




BMW13

Manual Recovery - Northern Terminal

Cold Springs Site - Hillside Road, Lysander, NY
Southern Terminals Group
GHD Project Number 11137172

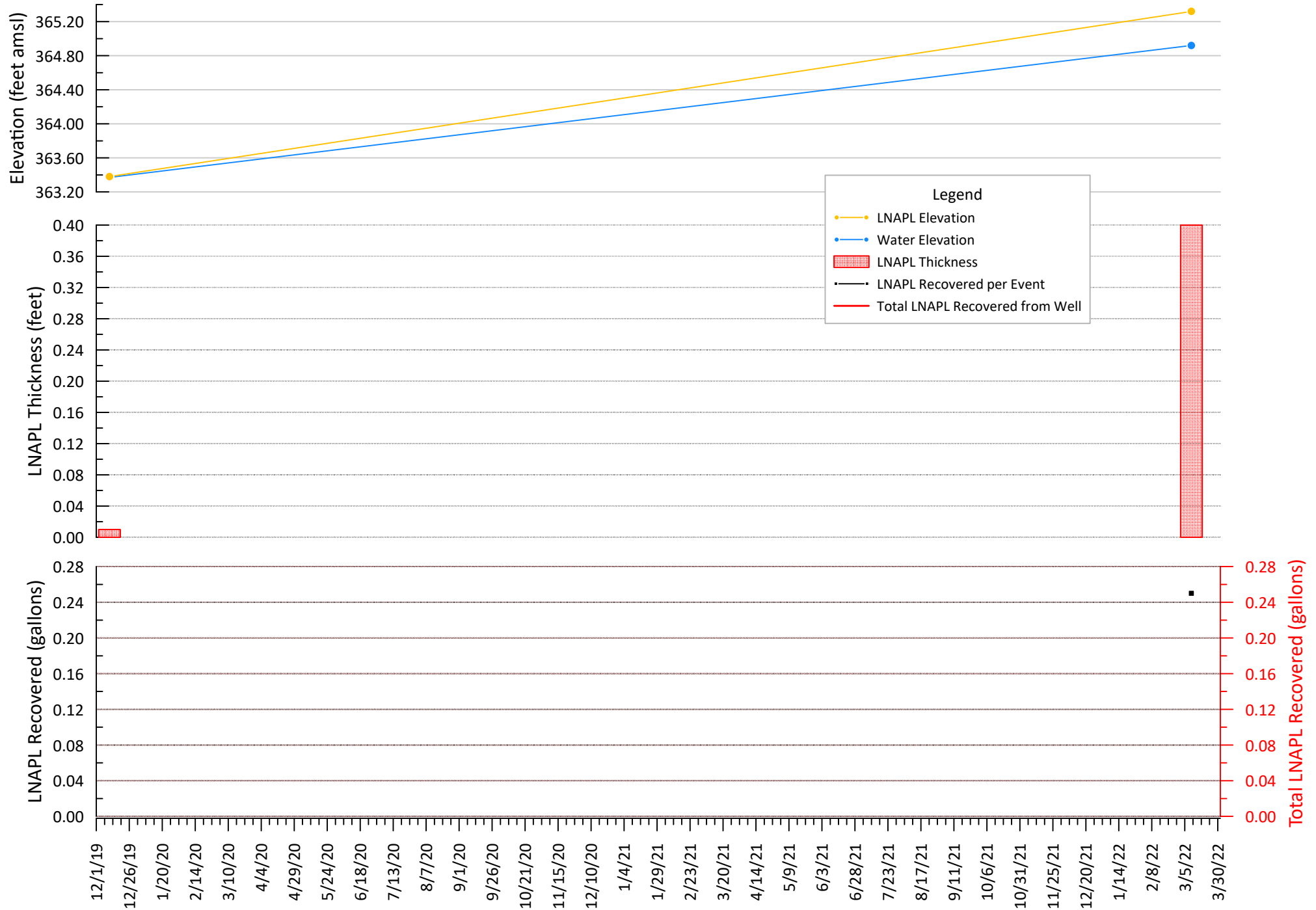




S13

Cold Springs Site - Hillside Road, Lysander, NY
Southern Terminals Group
GHD Project Number 11137172

Manual Recovery - Northern Terminal





SUMMARY OF APPARENT LNAPL THICKNESS MEASUREMENTS
SOUTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	Apparent LNAPL Thickness in Well (feet)										
	A1	A10	A11	A12	A13	A14	A18	A2	A21	A23	A24
6/6/2019	-	3.48	-	-	2.51	2.39	-	-	-	-	-
12/11/2019	-	-	-	-	2.66	-	-	-	-	-	-
1/31/2020	-	-	-	-	-	-	-	-	-	-	-
2/3/2020	-	-	-	-	-	-	-	-	-	-	-
2/17/2020	-	2.09	-	2.32	1.08	2.31	0.28	-	-	-	-
2/24/2020	-	2.04	-	2.23	1.12	2.29	0.28	-	-	-	-
3/2/2020	-	2.16	0.02	2.15	1.13	2.35	0.25	-	-	-	-
3/11/2020	-	2.21	-	1.85	1.13	2.21	0.23	-	-	-	-
3/16/2020	-	2.14	-	1.06	1.14	1.80	0.28	-	-	-	-
3/23/2020	-	1.98	-	1.78	1.12	1.56	0.26	-	-	-	-
3/30/2020	-	1.94	-	1.79	1.11	1.85	0.27	-	-	-	-
4/13/2020	-	2.09	-	1.77	1.15	1.85	0.25	-	-	-	-
4/27/2020	-	2.02	-	1.82	1.10	2.07	0.27	-	-	-	-
5/11/2020	-	2.10	-	1.86	1.15	2.21	0.25	-	-	-	-
5/26/2020	-	-	-	-	-	-	-	-	-	-	-
6/15/2020	-	2.04	-	2.03	1.25	2.34	0.32	-	-	-	-
6/29/2020	-	2.14	-	2.08	1.29	2.57	0.00	-	-	-	-
7/27/2020	-	2.37	-	2.04	1.36	3.06	0.28	-	-	-	-
8/24/2020	-	2.55	-	2.17	1.44	3.73	0.28	-	-	-	0.1
9/21/2020	-	2.63	-	2.39	1.70	4.45	0.30	-	-	-	0.16
10/26/2020	-	2.34	-	0.00	1.48	3.70	0.29	-	-	-	0.01
11/23/2020	-	2.41	-	1.16	1.49	3.81	0.25	-	-	-	-
12/21/2020	-	2.38	-	1.88	1.35	4.01	0.28	-	-	-	-
1/25/2021	-	2.54	-	1.72	1.96	3.96	0.30	-	-	-	-
3/29/2021	-	2.36	-	0.90	1.33	4.48	0.26	-	-	-	-
4/6/2021	-	2.63	-	-	1.46	5.13	-	-	-	-	-
5/24/2021	-	1.12	-	2.15	1.45	4.73	0.26	-	-	-	-
6/1/2021	-	-	-	2.26	1.48	4.66	0.22	-	-	-	-
6/4/2021	-	-	-	1.15	0.35	0.82	-	-	-	-	-
6/7/2021	-	-	-	1.38	0.33	1.14	0.01	-	-	-	-
6/29/2021	-	-	-	1.33	0.33	1.63	0.01	-	-	-	-
7/7/2021	-	0.01	-	0.59	0.30	0.44	-	-	-	-	-
7/14/2021	-	-	-	-	-	-	-	-	-	-	-
7/21/2021	-	-	-	-	-	-	-	-	-	-	-
7/28/2021	-	-	-	-	-	-	-	-	-	-	-
8/4/2021	-	0.54	-	0.55	0.40	0.68	-	-	-	-	-
8/11/2021	-	-	-	-	-	-	-	-	-	-	-
8/18/2021	-	-	-	-	-	-	-	-	-	-	-
8/25/2021	-	-	-	-	-	-	-	-	-	-	-
9/8/2021	-	0.74	-	0.70	0.22	0.39	-	-	-	-	-
9/15/2021	-	-	-	-	-	-	-	-	-	-	-
9/22/2021	-	-	-	-	-	-	-	-	-	-	-
9/30/2021	-	-	-	-	-	-	-	-	-	-	-
10/4/2021	-	0.71	-	0.39	0.13	0.29	-	-	-	-	-
10/11/2021	-	-	-	-	-	-	-	-	-	-	-
10/18/2021	-	-	-	-	-	-	-	-	-	-	-
10/25/2021	-	-	-	-	-	-	-	-	-	-	-
11/1/2021	-	0.29	-	0.04	0.12	0.00	-	-	-	-	-
11/9/2021	-	-	-	-	-	-	-	-	-	-	-
11/23/2021	-	0.60	-	-	-	-	-	-	-	-	-
12/1/2021	-	-	-	-	-	-	-	-	-	-	-
12/6/2021	-	-	-	0.46	0.20	-	-	-	-	-	-
12/20/2021	-	0.02	-	0.32	0.09	-	-	-	-	-	-
1/12/2022	-	0.29	-	-	0.06	0.01	-	-	-	-	-
2/7/2022	-	0.30	-	0.10	0.10	1.15	-	-	-	-	-
3/10/2022	-	0.56	-	-	0.09	0.61	-	-	-	-	-

NOTES:
-- No measurable apparent LNAPL thickness
NA - Not applicable as well not installed at time of measurements



SUMMARY OF APPARENT LNAPL THICKNESS MEASUREMENTS
SOUTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	Apparent LNAPL Thickness in Well (feet)										
	A25	A26	A3	A4	A5	A6	A7	A9	AMW1	AMW4	AMW5
6/6/2019	-	-	-	-	-	-	-	-	-	-	3.33
12/11/2019	-	-	-	-	-	-	-	-	-	-	-
1/31/2020	-	-	-	-	-	-	-	-	-	-	-
2/3/2020	-	-	-	-	-	-	-	-	-	-	-
2/17/2020	0.14	-	-	-	-	-	-	-	-	-	2.91
2/24/2020	0.14	-	-	-	-	-	-	-	-	-	2.99
3/2/2020	0.07	-	-	-	-	-	-	-	-	-	2.73
3/11/2020	0.08	-	0.46	-	-	-	-	-	-	-	2.82
3/16/2020	0.15	-	0.51	-	-	-	-	-	-	-	2.78
3/23/2020	0.11	-	0.60	-	-	-	-	-	-	-	2.85
3/30/2020	-	-	0.60	-	-	-	-	-	-	-	3.01
4/13/2020	0.1	-	0.45	-	-	-	-	-	-	-	2.98
4/27/2020	0.09	-	0.29	-	-	-	-	-	-	-	2.77
5/11/2020	0.04	-	0.56	-	-	-	-	-	-	-	2.86
5/26/2020	-	-	-	-	-	-	-	-	-	-	-
6/15/2020	0.06	-	-	-	-	-	-	-	-	-	2.48
6/29/2020	-	-	-	-	-	-	-	-	-	-	2.44
7/27/2020	0.14	-	-	-	-	-	-	-	-	-	0.03
8/24/2020	0.32	-	-	-	-	-	-	-	-	-	2.31
9/21/2020	0.35	-	-	-	-	-	-	-	-	-	2.21
10/26/2020	0.17	-	-	-	-	-	-	-	-	-	0.20
11/23/2020	0.12	-	-	-	-	-	-	-	-	-	2.24
12/21/2020	0.05	-	-	-	-	-	-	-	-	-	2.41
1/25/2021	-	-	-	-	-	-	-	-	-	-	2.29
3/29/2021	-	-	-	-	-	-	-	-	-	-	2.42
4/6/2021	-	-	-	-	-	-	-	-	-	-	2.24
5/24/2021	-	-	-	-	-	-	-	-	-	-	0.77
6/1/2021	-	-	-	-	-	-	-	-	-	-	-
6/4/2021	-	-	-	-	-	-	-	-	-	-	0.02
6/7/2021	-	-	-	-	-	-	-	-	-	-	-
6/29/2021	-	-	-	-	-	-	-	-	-	-	-
7/7/2021	-	-	-	-	-	-	-	-	-	-	0.01
7/14/2021	-	-	-	-	-	-	-	-	-	-	-
7/21/2021	-	-	-	-	-	-	-	-	-	-	-
7/28/2021	-	-	-	-	-	-	-	-	-	-	-
8/4/2021	-	-	-	-	-	-	-	-	-	-	0.01
8/11/2021	-	-	-	-	-	-	-	-	-	-	-
8/18/2021	-	-	-	-	-	-	-	-	-	-	-
8/25/2021	-	-	-	-	-	-	-	-	-	-	-
9/8/2021	-	-	-	-	-	-	-	-	-	-	-
9/15/2021	-	-	-	-	-	-	-	-	-	-	-
9/22/2021	-	-	-	-	-	-	-	-	-	-	-
9/30/2021	-	-	-	-	-	-	-	-	-	-	-
10/4/2021	-	-	-	-	-	-	-	-	-	-	-
10/11/2021	-	-	-	-	-	-	-	-	-	-	-
10/18/2021	-	-	-	-	-	-	-	-	-	-	-
10/25/2021	-	-	-	-	-	-	-	-	-	-	-
11/1/2021	-	-	0.31	-	-	-	-	-	-	-	-
11/9/2021	-	-	-	-	-	-	-	-	-	-	-
11/23/2021	-	-	-	-	-	-	-	-	-	-	-
12/1/2021	-	-	-	-	-	-	-	-	-	-	-
12/6/2021	-	-	-	-	-	-	-	-	-	-	0.01
12/20/2021	-	-	0.36	-	-	-	-	-	-	-	0.03
1/12/2022	-	-	0.34	-	-	-	-	-	-	-	0.04
2/7/2022	-	-	-	-	-	-	-	-	-	-	0.03
3/10/2022	-	-	0.48	-	-	-	-	-	-	-	-

NOTES:

-- No measurable apparent LNAPL thickness

NA - Not applicable as well not installed at time of measurements



SUMMARY OF APPARENT LNAPL THICKNESS MEASUREMENTS
SOUTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	Apparent LNAPL Thickness in Well (feet)									
	AMW7	AMW8	DEC1	DEC2	MW-1D	MW-1S	MW-2D	MW-2S	MW-3D	MW-3S
6/6/2019	-	-	-	-	-	-	-	-	-	-
12/11/2019	-	-	-	-	-	-	-	-	-	-
1/31/2020	-	-	-	-	-	-	-	-	-	-
2/3/2020	-	-	-	-	-	-	-	-	-	-
2/17/2020	-	-	-	-	-	2.50	-	3.04	-	-
2/24/2020	-	-	-	-	-	2.66	-	3.16	-	-
3/2/2020	-	-	-	-	-	2.24	-	2.40	-	-
3/11/2020	-	-	-	-	-	1.84	-	2.31	-	-
3/16/2020	-	-	-	-	-	2.09	-	2.95	-	-
3/23/2020	-	-	-	-	-	2.70	-	4.24	-	-
3/30/2020	-	-	-	-	-	2.64	-	3.51	-	-
4/13/2020	-	-	-	-	-	2.62	-	4.51	-	-
4/27/2020	-	-	-	-	-	2.45	-	4.56	-	-
5/11/2020	-	-	-	-	-	0.99	-	1.53	-	-
5/26/2020	-	-	-	-	-	-	-	-	-	-
6/15/2020	-	-	-	-	-	2.41	-	5.67	-	-
6/29/2020	-	-	-	-	-	2.35	-	5.78	-	-
7/27/2020	-	-	-	-	-	2.34	-	4.93	-	-
8/24/2020	-	-	-	-	-	2.27	-	6.01	-	-
9/21/2020	-	-	-	-	-	2.02	-	5.90	-	-
10/26/2020	-	-	-	-	-	2.17	-	5.80	-	-
11/23/2020	-	-	-	-	-	2.17	-	5.75	-	-
12/21/2020	-	-	-	-	-	2.21	-	5.75	-	-
1/25/2021	-	-	-	-	-	2.29	-	6.12	-	-
3/29/2021	-	-	-	-	-	2.19	-	6.05	-	-
4/6/2021	-	-	-	-	-	2.28	-	6.30	-	-
5/24/2021	-	-	-	-	-	0.28	-	5.51	-	-
6/1/2021	-	-	-	-	-	-	-	3.61	-	-
6/4/2021	-	-	-	-	-	0.01	-	-	-	-
6/7/2021	-	-	-	-	-	-	-	-	-	-
6/29/2021	-	-	-	-	-	-	-	-	-	-
7/7/2021	-	-	-	-	-	-	-	2.84	-	-
7/14/2021	-	-	-	-	-	-	-	-	-	-
7/21/2021	-	-	-	-	-	-	-	-	-	-
7/28/2021	-	-	-	-	-	-	-	-	-	-
8/4/2021	-	-	-	-	-	-	-	2.83	-	-
8/11/2021	-	-	-	-	-	-	-	-	-	-
8/18/2021	-	-	-	-	-	-	-	-	-	-
8/25/2021	-	-	-	-	-	-	-	2.10	-	-
9/8/2021	-	-	-	-	-	0.01	-	4.41	-	-
9/15/2021	-	-	-	-	-	-	-	-	-	-
9/22/2021	-	-	-	-	-	-	-	-	-	-
9/30/2021	-	-	-	-	-	-	-	-	-	-
10/4/2021	-	-	-	-	-	0.07	-	1.91	-	-
10/11/2021	-	-	-	-	-	-	-	-	-	-
10/18/2021	-	-	-	-	-	-	-	-	-	-
10/25/2021	-	-	-	-	-	-	-	-	-	-
11/1/2021	-	-	-	-	-	0.00	-	0.50	-	-
11/9/2021	-	-	-	-	-	-	-	-	-	-
11/23/2021	-	-	-	-	-	-	-	1.15	-	-
12/1/2021	-	-	-	-	-	-	-	-	-	-
12/6/2021	-	-	-	-	-	0.08	-	0.44	-	-
12/20/2021	-	-	-	-	-	0.35	-	0.45	-	-
1/12/2022	-	-	-	-	-	0.41	-	2.10	-	-
2/7/2022	-	-	-	-	-	0.18	-	2.66	-	-
3/10/2022	0.01	-	-	-	-	0.06	-	0.30	-	-

NOTES:

-- No measurable apparent LNAPL thickness

NA - Not applicable as well not installed at time of measurements



SUMMARY OF APPARENT LNAPL THICKNESS MEASUREMENTS
SOUTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	Apparent LNAPL Thickness in Well (feet)									
	MW-4D	MW-4S	MW-5DR	MW-5SR	MW-6D	MW-6S	MW-7D	MW-7S	MW-8D	MW-8S
6/6/2019	-	-	NA	NA	-	-	-	-	-	-
12/11/2019	-	-	NA	NA	-	-	-	-	-	-
1/31/2020	-	-	NA	NA	-	-	-	-	-	-
2/3/2020	-	-	NA	NA	-	-	-	-	-	-
2/17/2020	-	-	NA	NA	-	-	-	-	-	-
2/24/2020	-	-	NA	NA	-	-	-	-	-	-
3/2/2020	-	-	NA	NA	-	-	-	-	-	-
3/11/2020	-	-	NA	NA	-	-	-	-	-	-
3/16/2020	-	-	NA	NA	-	-	-	-	-	-
3/23/2020	-	-	NA	NA	-	-	-	-	-	-
3/30/2020	-	-	NA	NA	-	-	-	-	-	-
4/13/2020	-	-	NA	NA	-	-	-	-	-	-
4/27/2020	-	-	NA	NA	-	0.57	-	-	-	-
5/11/2020	-	-	NA	NA	-	0.53	-	-	-	-
5/26/2020	-	-	NA	NA	-	-	-	-	-	-
6/15/2020	-	-	-	1.29	-	0.43	-	-	-	-
6/29/2020	-	-	-	1.30	-	0.39	-	-	-	-
7/27/2020	-	-	-	1.54	-	0.49	-	-	-	-
8/24/2020	-	-	-	1.52	-	0.45	-	2.57	-	-
9/21/2020	-	-	-	0.00	-	0.47	-	3.15	-	-
10/26/2020	-	-	-	0.00	-	0.00	-	0.00	-	-
11/23/2020	-	-	-	1.58	-	0.35	-	5.05	-	-
12/21/2020	-	-	-	2.77	-	0.39	-	6.17	-	-
1/25/2021	-	-	-	3.86	0.35	0.43	-	6.84	-	-
3/29/2021	-	-	-	4.26	0.85	1.06	-	6.71	-	-
4/6/2021	-	-	-	4.55	-	-	-	6.43	-	-
5/24/2021	-	-	-	4.18	2.89	1.04	-	1.65	-	-
6/1/2021	-	-	-	-	2.92	0.88	-	-	-	-
6/4/2021	-	-	-	2.80	0.01	0.41	-	0.58	-	-
6/7/2021	-	-	-	-	-	-	-	-	-	-
6/29/2021	-	-	-	-	0.01	0.19	-	-	-	-
7/7/2021	-	-	-	2.73	-	0.54	-	0.20	-	-
7/14/2021	-	-	-	-	-	-	-	-	-	-
7/21/2021	-	-	-	-	-	-	-	-	-	-
7/28/2021	-	-	-	-	-	-	-	-	-	-
8/4/2021	-	-	-	3.99	-	0.45	-	0.33	-	-
8/11/2021	-	-	-	-	-	-	-	-	-	-
8/18/2021	-	-	-	-	-	-	-	-	-	-
8/25/2021	-	-	-	-	-	-	-	-	-	-
9/8/2021	-	-	-	3.94	-	0.35	-	0.01	-	-
9/15/2021	-	-	-	-	-	-	-	-	-	-
9/22/2021	-	-	-	-	-	-	-	-	-	-
9/30/2021	-	-	-	-	-	-	-	-	-	-
10/4/2021	-	-	-	2.63	-	0.19	-	1.24	-	-
10/11/2021	-	-	-	-	-	-	-	-	-	-
10/18/2021	-	-	-	-	-	-	-	-	-	-
10/25/2021	-	-	-	-	-	-	-	-	-	-
11/1/2021	-	-	-	3.09	-	0.04	-	0.77	-	-
11/9/2021	-	-	-	-	-	-	-	-	-	-
11/23/2021	-	-	-	-	-	-	-	0.01	-	-
12/1/2021	-	-	-	-	-	-	-	-	-	-
12/6/2021	-	-	-	1.00	-	0.04	-	0.02	-	-
12/20/2021	-	-	-	1.19	-	0.01	-	0.01	-	-
1/12/2022	-	0.01	-	2.81	-	0.02	-	0.09	-	-
2/7/2022	-	0.01	-	1.94	-	0.02	-	0.13	-	-
3/10/2022	-	-	-	4.24	-	0.04	-	0.02	-	-

NOTES:

-- No measurable apparent LNAPL thickness

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SUMMARY OF APPARENT LNAPL THICKNESS MEASUREMENTS
SOUTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	Apparent LNAPL Thickness in Well (feet)									
	MW-9D	MW-9S	MW-10D	MW-10I	MW-10S	MW-11D	MW-11S	MW-11SR	MW-12D	MW-12S
6/6/2019	-	-	-	-	-	NA	NA	NA	NA	NA
12/11/2019	-	-	-	-	-	NA	NA	NA	NA	NA
1/31/2020	-	-	-	-	-	NA	NA	NA	NA	NA
2/3/2020	-	-	-	-	-	NA	NA	NA	NA	NA
2/17/2020	-	-	-	-	-	NA	NA	NA	NA	NA
2/24/2020	-	-	-	-	-	NA	NA	NA	NA	NA
3/2/2020	-	-	-	-	-	NA	NA	NA	NA	NA
3/11/2020	-	-	-	-	-	NA	NA	NA	NA	NA
3/16/2020	-	-	-	-	-	NA	NA	NA	NA	NA
3/23/2020	-	-	-	-	-	NA	NA	NA	NA	NA
3/30/2020	-	-	-	-	-	NA	NA	NA	NA	NA
4/13/2020	-	-	-	-	-	NA	NA	NA	NA	NA
4/27/2020	-	-	-	-	-	NA	NA	NA	NA	NA
5/11/2020	-	-	-	-	-	NA	NA	NA	NA	NA
5/26/2020	-	-	-	-	-	NA	NA	NA	NA	NA
6/15/2020	-	-	-	-	-	-	-	-	-	-
6/29/2020	-	-	-	-	-	-	-	-	-	-
7/27/2020	-	-	-	-	-	-	-	-	-	-
8/24/2020	-	-	-	-	-	-	-	-	-	-
9/21/2020	-	-	-	-	-	-	-	-	-	-
10/26/2020	-	0.04	-	-	-	-	-	-	-	-
11/23/2020	-	0.11	-	-	-	-	-	-	-	-
12/21/2020	-	0.03	-	-	-	-	-	-	-	-
1/25/2021	-	0.04	-	-	-	-	-	-	-	-
3/29/2021	-	0.02	-	-	-	-	-	-	-	-
4/6/2021	-	-	-	-	-	-	-	-	-	-
5/24/2021	-	-	-	-	-	-	-	-	-	-
6/1/2021	-	-	-	-	-	-	-	-	-	-
6/4/2021	-	-	-	-	-	-	-	-	-	-
6/7/2021	-	-	-	-	-	-	-	-	-	-
6/29/2021	-	-	-	-	-	-	-	-	-	-
7/7/2021	-	0.01	-	-	-	-	-	-	-	-
7/14/2021	-	-	-	-	-	-	-	-	-	-
7/21/2021	-	-	-	-	-	-	-	-	-	-
7/28/2021	-	-	-	-	-	-	-	-	-	-
8/4/2021	-	0.02	-	-	-	-	-	-	-	-
8/11/2021	-	-	-	-	-	-	-	-	-	-
8/18/2021	-	-	-	-	-	-	-	-	-	-
8/25/2021	-	-	-	-	-	-	-	-	-	-
9/8/2021	-	0.09	-	-	-	-	-	-	-	-
9/15/2021	-	-	-	-	-	-	-	-	-	-
9/22/2021	-	-	-	-	-	-	-	-	-	-
9/30/2021	-	-	-	-	-	-	-	-	-	-
10/4/2021	-	-	-	-	-	-	-	-	-	-
10/11/2021	-	-	-	-	-	-	-	-	-	-
10/18/2021	-	-	-	-	-	-	-	-	-	-
10/25/2021	-	-	-	-	-	-	-	-	-	-
11/1/2021	-	-	-	-	-	-	-	-	-	-
11/9/2021	-	-	-	-	-	-	-	-	-	-
11/23/2021	-	-	-	-	-	-	-	-	-	-
12/1/2021	-	-	-	-	-	-	-	-	-	-
12/6/2021	-	-	-	-	-	-	-	-	-	-
12/20/2021	-	0.01	-	-	-	-	-	-	-	-
1/12/2022	-	0.02	-	-	-	-	-	-	-	-
2/7/2022	-	-	-	-	-	-	-	-	-	-
3/10/2022	-	0.03	-	-	-	-	-	-	-	-

NOTES:
-- No measurable apparent LNAPL thickness
NA - Not applicable as well not installed at time of measurements



SUMMARY OF APPARENT LNAPL THICKNESS MEASUREMENTS
SOUTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	Apparent LNAPL Thickness in Well (feet)									
	MW-13D	MW-13S	MW-14	MW-15	MWA	MWB	RW-1	RW-2	RW-3	RW-4
6/6/2019	NA	NA	NA	NA	-	-	-	-	-	-
12/11/2019	NA	NA	NA	NA	-	-	-	-	-	-
1/31/2020	NA	NA	NA	NA	-	-	3.28	-	-	-
2/3/2020	NA	NA	NA	NA	-	-	1.17	1.85	2.85	0.05
2/17/2020	NA	NA	NA	NA	-	-	2.15	2.25	2.12	0.05
2/24/2020	NA	NA	NA	NA	-	-	1.43	1.02	1.49	0.05
3/2/2020	NA	NA	NA	NA	-	-	1.33	0.70	1.12	0.06
3/11/2020	NA	NA	NA	NA	0.08	-	1.02	0.41	0.90	0.04
3/16/2020	NA	NA	NA	NA	0.09	0.13	0.85	0.45	0.81	0.06
3/23/2020	NA	NA	NA	NA	0.27	-	1.01	0.84	1.11	0.05
3/30/2020	NA	NA	NA	NA	-	-	0.95	0.57	1.14	0.07
4/13/2020	NA	NA	NA	NA	0.04	-	1.30	0.70	1.22	0.07
4/27/2020	NA	NA	NA	NA	-	-	1.10	1.33	0.63	0.09
5/11/2020	NA	NA	NA	NA	-	0.28	0.90	0.24	0.70	0.08
5/26/2020	NA	NA	NA	NA	-	-	-	-	-	-
6/15/2020	-	-	-	-	-	0.02	0.98	0.58	0.68	0.17
6/29/2020	-	-	-	-	-	-	1.09	0.61	0.68	0.37
7/27/2020	-	-	-	-	-	-	0.66	0.08	0.21	0.96
8/24/2020	-	-	-	-	-	-	0.20	0.07	0.24	1.66
9/21/2020	-	-	-	-	-	-	0.16	0.10	0.13	1.80
10/26/2020	-	-	-	-	-	-	0.18	0.10	0.06	1.10
11/23/2020	-	-	-	-	1.14	-	-	0.01	0.13	0.12
12/21/2020	-	-	-	-	-	-	1.11	0.01	0.18	0.10
1/25/2021	-	-	-	-	-	-	2.54	0.02	0.70	0.10
3/29/2021	-	-	-	-	-	-	1.98	0.07	0.57	0.10
4/6/2021	-	-	-	-	-	-	0.56	-	0.27	0.11
5/24/2021	-	-	-	-	0.70	4.39	2.12	-	1.85	0.12
6/1/2021	-	-	-	-	0.67	-	-	-	-	-
6/4/2021	-	-	-	-	0.15	-	1.41	-	1.84	0.02
6/7/2021	-	-	-	-	0.25	-	-	-	-	-
6/29/2021	-	-	-	-	0.50	0.04	-	-	-	-
7/7/2021	-	-	-	-	-	-	0.64	-	1.90	0.04
7/14/2021	-	-	-	-	-	-	-	-	-	-
7/21/2021	-	-	-	-	-	-	-	-	2.13	-
7/28/2021	-	-	-	-	-	-	-	-	-	-
8/4/2021	-	-	-	-	0.36	-	0.76	0.01	1.38	0.01
8/11/2021	-	-	-	-	-	-	-	-	-	-
8/18/2021	-	-	-	-	-	-	-	-	-	-
8/25/2021	-	-	-	-	-	-	1.14	-	1.30	-
9/8/2021	-	-	-	-	0.85	0.50	0.65	0.02	1.30	0.14
9/15/2021	-	-	-	-	-	-	-	-	-	-
9/22/2021	-	-	-	-	-	-	-	-	-	-
9/30/2021	-	-	-	-	-	-	-	-	-	-
10/4/2021	-	-	-	-	0.60	-	0.00	-	0.39	0.14
10/11/2021	-	-	-	-	-	-	-	-	-	-
10/18/2021	-	-	-	-	-	-	-	-	-	-
10/25/2021	-	-	-	-	-	-	-	-	-	-
11/1/2021	-	-	-	-	0.00	-	0.20	-	0.28	0.36
11/9/2021	-	-	-	-	-	-	-	-	-	-
11/23/2021	-	-	-	-	-	-	1.05	-	0.75	0.08
12/1/2021	-	-	-	-	-	-	-	-	-	-
12/6/2021	-	-	-	-	-	-	0.35	0.78	0.22	0.02
12/20/2021	-	-	-	-	-	-	0.71	0.84	0.68	-
1/12/2022	-	-	-	-	0.01	-	1.51	0.45	1.74	0.01
2/7/2022	-	-	-	-	0.01	-	0.83	0.45	0.74	0.03
3/10/2022	-	-	-	-	-	-	0.74	0.04	0.44	0.05

NOTES:

-- No measurable apparent LNAPL thickness

NA - Not applicable as well not installed at time of measurements



SUMMARY OF APPARENT LNAPL THICKNESS MEASUREMENTS
SOUTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	Apparent LNAPL Thickness in Well (feet)							
	RW-5	S2	S3	S4	S8	S9	SMW12	SMW3
6/6/2019	-	-	-	-	-	-	-	-
12/11/2019	2.99	-	0.53	-	-	-	-	-
1/31/2020	-	-	-	-	-	-	-	-
2/3/2020	3.20	-	-	-	-	-	-	-
2/17/2020	2.02	-	-	-	-	-	-	-
2/24/2020	1.38	-	-	-	-	-	-	-
3/2/2020	1.47	-	-	-	-	-	-	-
3/11/2020	1.30	0.55	-	-	-	2.43	-	-
3/16/2020	0.71	0.53	0.87	-	-	2.32	-	-
3/23/2020	0.85	0.54	0.77	-	-	2.27	-	-
3/30/2020	1.00	-	0.71	-	-	2.45	-	-
4/13/2020	1.46	0.54	0.70	-	-	2.20	-	-
4/27/2020	1.28	0.51	0.67	-	-	2.05	-	-
5/11/2020	1.04	0.51	0.58	-	-	1.67	-	-
5/26/2020	-	-	-	-	-	-	-	-
6/15/2020	0.93	0.51	0.66	-	-	0.36	-	-
6/29/2020	2.97	-	0.63	-	-	0.38	-	-
7/27/2020	0.62	0.17	0.50	-	-	0.00	-	-
8/24/2020	0.14	0.21	0.52	-	-	0.00	-	-
9/21/2020	0.20	-	0.97	-	-	0.00	-	-
10/26/2020	0.03	-	0.00	-	-	0.11	-	-
11/23/2020	0.36	1.45	0.84	-	-	0.08	-	-
12/21/2020	0.73	-	-	-	-	-	-	-
1/25/2021	2.11	-	-	-	-	-	-	-
3/29/2021	1.88	-	-	-	-	0.00	-	-
4/6/2021	0.70	-	-	-	-	-	-	-
5/24/2021	2.09	2.56	1.85	-	-	0.00	-	-
6/1/2021	-	2.37	1.82	-	-	-	-	-
6/4/2021	1.87	0.58	0.61	-	-	-	-	-
6/7/2021	-	0.93	0.77	-	-	-	-	-
6/29/2021	-	1.18	1.07	-	-	-	-	-
7/7/2021	1.92	1.27	0.42	-	-	0.08	-	-
7/14/2021	-	-	-	-	-	-	-	-
7/21/2021	2.28	-	-	-	-	-	-	-
7/28/2021	-	-	-	-	-	-	-	-
8/4/2021	2.16	-	0.81	-	-	-	-	-
8/11/2021	-	-	-	-	-	-	-	-
8/18/2021	-	-	-	-	-	-	-	-
8/25/2021	1.03	-	-	-	-	-	-	-
9/8/2021	1.67	-	1.20	-	-	1.01	-	-
9/15/2021	-	-	-	-	-	-	-	-
9/22/2021	-	-	-	-	-	-	-	-
9/30/2021	-	-	-	-	-	-	-	-
10/4/2021	1.05	1.30	0.81	-	-	0.00	-	-
10/11/2021	-	-	-	-	-	-	-	-
10/18/2021	-	-	-	-	-	-	-	-
10/25/2021	-	-	-	-	-	-	-	-
11/1/2021	1.39	0.03	0.00	-	-	0.17	-	-
11/9/2021	-	-	-	-	-	-	-	-
11/23/2021	-	-	-	-	-	-	-	-
12/1/2021	-	-	-	-	-	-	-	-
12/6/2021	0.69	0.08	-	-	-	-	-	-
12/20/2021	0.72	-	1.04	-	-	-	-	-
1/12/2022	1.41	-	0.58	-	-	0.01	-	-
2/7/2022	0.73	-	0.40	-	-	-	-	-
3/10/2022	1.36	-	0.63	-	-	0.03	-	-

NOTES:
-- No measurable apparent LNAPL thickness
NA - Not applicable as well not installed at time of measurements



SUMMARY OF APPARENT LNAPL THICKNESS MEASUREMENTS
NORTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	Apparent LNAPL Thickness in Well (feet)										
	AMW3	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10
12/11/2019	1.45	-	-	-	-	-	0.01	-	-	-	-
3/10/2022	0.01	-	-	-	-	-	-	-	-	-	-

NOTES:

- - No measurable apparent LNAPL thickness



SUMMARY OF APPARENT LNAPL THICKNESS MEASUREMENTS
NORTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	Apparent LNAPL Thickness in Well (feet)										
	B11	B12	B13	B14	B15	B16	B18	BH3	BMW2	BMW4	BMW5
12/11/2019	-	-	0.05	0.27	-	-	-	-	-	-	1.09
3/10/2022	0.19	-	0.78	-	-	0.14	-	-	-	-	0.15

NOTES:
- - No measurable apparent LNAPL thickness



SUMMARY OF APPARENT LNAPL THICKNESS MEASUREMENTS
NORTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	Apparent LNAPL Thickness in Well (feet)									
	BMW6	BMW7	BMW8	BMW9	BMW12	BMW13	BMW14R	CT4	CT19	GWE-PTW
12/11/2019	-	-	-	-	-	-	-	-	-	-
3/10/2022	-	-	-	-	-	0.25	-	-	-	-

NOTES:
- - No measurable apparent LNAPL thickness



SUMMARY OF APPARENT LNAPL THICKNESS MEASUREMENTS
NORTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	Apparent LNAPL Thickness in Well (feet)									
	HD1	HD3A	HD6	HD7	HD8	MW-201	MW-202	MW-203	MW-204	MW-205
12/11/2019	-	-	-	0.02	-	-	-	-	-	-
3/10/2022	-	-	-	0.01	-	-	-	-	-	-

NOTES:
- - No measurable apparent LNAPL thickness



SUMMARY OF APPARENT LNAPL THICKNESS MEASUREMENTS
NORTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	Apparent LNAPL Thickness in Well (feet)									
	MW-206	MW-207	MW-208	MW-209	MW-210	MW-211	PZ101D	PZ101S	PZ102D	PZ102S
12/11/2019	-	-	-	-	-	-	-	-	-	-
3/10/2022	-	-	-	-	-	-	-	-	-	0.17

NOTES:
- - No measurable apparent LNAPL thickness



SUMMARY OF APPARENT LNAPL THICKNESS MEASUREMENTS
NORTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	Apparent LNAPL Thickness in Well (feet)										
	PZ103D	PZ103S	PZ104S	PZ105D	PZ105S	PZ106S	S5	S13	S18	SMW11	Unk. Well
12/11/2019	-	-	-	-	-	-	-	0.01	-	-	-
3/10/2022	-	-	-	-	-	-	-	0.40	-	-	-

NOTES:
- - No measurable apparent LNAPL thickness



SUMMARY OF WELL GAUGING EVENTS
SOUTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	A10				
	Southern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
6/6/2019	7.96	365.21	11.44	361.73	3.48
12/11/2019	-	-	-	-	-
1/31/2020	-	-	-	-	-
2/3/2020	-	-	-	-	-
2/17/2020	8.35	364.82	10.44	362.73	2.09
2/24/2020	8.31	364.86	10.35	362.82	2.04
3/2/2020	7.94	365.23	10.10	363.07	2.16
3/11/2020	7.78	365.39	9.99	363.18	2.21
3/16/2020	8.00	365.17	10.14	363.03	2.14
3/23/2020	8.57	364.60	10.55	362.62	1.98
3/30/2020	8.36	364.81	10.30	362.87	1.94
4/13/2020	8.73	364.44	10.82	362.35	2.09
4/27/2020	8.85	364.32	10.87	362.30	2.02
5/11/2020	7.87	365.30	9.97	363.20	2.10
5/26/2020	-	-	-	-	-
6/15/2020	9.19	363.98	11.23	361.94	2.04
6/29/2020	9.39	363.78	11.53	361.64	2.14
7/27/2020	9.43	363.74	11.80	361.37	2.37
8/24/2020	9.66	363.51	12.21	360.96	2.55
9/21/2020	9.90	363.27	12.53	360.64	2.63
10/26/2020	9.72	363.45	12.06	361.11	2.34
11/23/2020	9.65	363.52	12.06	361.11	2.41
12/21/2020	9.64	363.53	12.02	361.15	2.38
1/25/2021	9.58	363.59	12.12	361.05	2.54
3/29/2021	9.28	363.89	11.64	361.53	2.36
4/6/2021	9.58	363.59	12.21	360.96	2.63
5/24/2021	9.69	363.48	10.81	362.36	1.12
6/1/2021	-	-	-	-	-
6/4/2021	-	-	9.81	363.36	-
6/7/2021	-	-	-	-	-
6/29/2021	-	-	-	-	-
7/7/2021	10.00	363.17	10.01	363.16	0.01
7/14/2021	-	-	-	-	-
7/21/2021	-	-	-	-	-
7/28/2021	-	-	-	-	-
8/4/2021	9.83	363.34	10.37	362.80	0.54
8/11/2021	-	-	-	-	-
8/18/2021	-	-	-	-	-
8/25/2021	-	-	-	-	-
9/8/2021	9.59	363.58	10.33	362.84	0.74
9/15/2021	-	-	-	-	-
9/22/2021	-	-	-	-	-
9/30/2021	-	-	-	-	-
10/4/2021	9.79	363.38	10.50	362.67	0.71
10/11/2021	-	-	-	-	-
10/18/2021	-	-	-	-	-
10/25/2021	-	-	-	-	-
11/1/2021	7.23	365.94	7.52	365.65	0.29
11/9/2021	-	-	-	-	-
11/23/2021	8.60	364.57	9.20	363.97	0.60
12/1/2021	-	-	-	-	-
12/6/2021	-	-	-	-	-
12/20/2021	8.66	364.51	8.68	364.49	0.02
1/12/2022	8.83	364.34	9.12	364.05	0.29
2/7/2022	9.50	363.67	9.80	363.37	0.30
3/10/2022	7.95	365.22	8.51	364.66	0.56

Notes:
-- No gauging occurred or no measurable apparent LNAPL thickness
bmp - Below measuring point (top of casing)
amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
SOUTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	AMW5				
	Southern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
6/6/2019	11.44	364.21	14.77	360.88	3.33
12/11/2019	-	-	-	-	-
1/31/2020	-	-	-	-	-
2/3/2020	-	-	-	-	-
2/17/2020	11.27	364.38	14.18	361.47	2.91
2/24/2020	11.30	364.35	14.29	361.36	2.99
3/2/2020	10.95	364.70	13.68	361.97	2.73
3/11/2020	10.83	364.82	13.65	362.00	2.82
3/16/2020	11.15	364.50	13.93	361.72	2.78
3/23/2020	11.68	363.97	14.53	361.12	2.85
3/30/2020	11.19	364.46	14.20	361.45	3.01
4/13/2020	11.79	363.86	14.77	360.88	2.98
4/27/2020	11.73	363.92	14.50	361.15	2.77
5/11/2020	10.92	364.73	13.78	361.87	2.86
5/26/2020	-	-	-	-	-
6/15/2020	12.40	363.25	14.88	360.77	2.48
6/29/2020	12.38	363.27	14.82	360.83	2.44
7/27/2020	12.57	363.08	12.60	363.05	0.03
8/24/2020	12.70	362.95	15.01	360.64	2.31
9/21/2020	12.86	362.79	15.07	360.58	2.21
10/26/2020	12.37	363.28	12.57	363.08	0.20
11/23/2020	12.36	363.29	14.60	361.05	2.24
12/21/2020	12.39	363.26	14.80	360.85	2.41
1/25/2021	12.37	363.28	14.66	360.99	2.29
3/29/2021	11.80	363.85	14.22	361.43	2.42
4/6/2021	12.41	363.24	14.65	361.00	2.24
5/24/2021	12.64	363.01	13.41	362.24	0.77
6/1/2021	-	-	-	-	-
6/4/2021	12.30	363.35	12.32	363.33	0.02
6/7/2021	-	-	-	-	-
6/29/2021	-	-	-	-	-
7/7/2021	12.70	362.95	12.71	362.94	0.01
7/14/2021	-	-	-	-	-
7/21/2021	-	-	-	-	-
7/28/2021	-	-	-	-	-
8/4/2021	12.68	362.97	12.69	362.96	0.01
8/11/2021	-	-	-	-	-
8/18/2021	-	-	-	-	-
8/25/2021	-	-	-	-	-
9/8/2021	-	-	12.56	363.09	-
9/15/2021	-	-	-	-	-
9/22/2021	-	-	-	-	-
9/30/2021	-	-	-	-	-
10/4/2021	-	-	12.55	363.10	-
10/11/2021	-	-	-	-	-
10/18/2021	-	-	-	-	-
10/25/2021	-	-	-	-	-
11/1/2021	-	-	9.63	366.02	-
11/9/2021	-	-	-	-	-
11/23/2021	-	-	-	-	-
12/1/2021	-	-	-	-	-
12/6/2021	11.76	363.89	11.77	363.88	0.01
12/20/2021	11.42	364.23	11.45	364.20	0.03
1/12/2022	11.80	363.85	11.84	363.81	0.04
2/7/2022	12.50	363.15	12.53	363.12	0.03
3/10/2022	-	-	11.02	364.63	-

Notes:
-- No gauging occurred or no measurable apparent LNAPL thickness
bmp - Below measuring point (top of casing)
amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
SOUTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	RW-1				
	Southern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
6/6/2019	-	-	-	-	-
12/11/2019	-	-	-	-	-
1/31/2020	8.37	365.00	11.65	361.72	3.28
2/3/2020	8.92	364.45	10.09	363.28	1.17
2/17/2020	8.87	364.50	11.02	362.35	2.15
2/24/2020	9.00	364.37	10.43	362.94	1.43
3/2/2020	8.71	364.66	10.04	363.33	1.33
3/11/2020	8.55	364.82	9.57	363.80	1.02
3/16/2020	8.83	364.54	9.68	363.69	0.85
3/23/2020	9.37	364.00	10.38	362.99	1.01
3/30/2020	9.16	364.21	10.11	363.26	0.95
4/13/2020	9.47	363.90	10.77	362.60	1.30
4/27/2020	9.60	363.77	10.70	362.67	1.10
5/11/2020	8.60	364.77	9.50	363.87	0.90
5/26/2020	-	-	-	-	-
6/15/2020	9.91	363.46	10.89	362.48	0.98
6/29/2020	9.95	363.42	11.04	362.33	1.09
7/27/2020	10.22	363.15	10.88	362.49	0.66
8/24/2020	10.56	362.81	10.76	362.61	0.20
9/21/2020	10.99	362.38	11.15	362.22	0.16
10/26/2020	10.47	362.90	10.65	362.72	0.18
11/23/2020	-	-	-	-	-
12/21/2020	10.24	363.13	11.35	362.02	1.11
1/25/2021	9.96	363.41	12.50	360.87	2.54
3/29/2021	9.82	363.55	11.80	361.57	1.98
4/6/2021	10.42	362.95	10.98	362.39	0.56
5/24/2021	9.88	363.49	12.00	361.37	2.12
6/1/2021	-	-	-	-	-
6/4/2021	9.82	363.55	11.23	362.14	1.41
6/7/2021	-	-	-	-	-
6/29/2021	-	-	-	-	-
7/7/2021	10.17	363.20	10.81	362.56	0.64
7/14/2021	-	-	-	-	-
7/21/2021	-	-	-	-	-
7/28/2021	-	-	-	-	-
8/4/2021	10.14	363.23	10.90	362.47	0.76
8/11/2021	-	-	-	-	-
8/18/2021	-	-	-	-	-
8/25/2021	8.81	364.56	9.95	363.42	1.14
9/8/2021	9.93	363.44	10.58	362.79	0.65
9/15/2021	-	-	-	-	-
9/22/2021	-	-	-	-	-
9/30/2021	-	-	-	-	-
10/4/2021	-	-	10.22	363.15	0.00
10/11/2021	-	-	-	-	-
10/18/2021	-	-	-	-	-
10/25/2021	-	-	-	-	-
11/1/2021	7.45	365.92	7.65	365.72	0.20
11/9/2021	-	-	-	-	-
11/23/2021	8.95	364.42	10.00	363.37	1.05
12/1/2021	-	-	-	-	-
12/6/2021	9.30	364.07	9.65	363.72	0.35
12/20/2021	8.97	364.40	9.68	363.69	0.71
1/12/2022	8.99	364.38	10.50	362.87	1.51
2/7/2022	9.75	363.62	10.58	362.79	0.83
3/10/2022	8.41	364.96	9.15	364.22	0.74

Notes:
-- No gauging occurred or no measurable apparent LNAPL thickness
bmp - Below measuring point (top of casing)
amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
SOUTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	MW-1S				
	Southern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
6/6/2019	-	-	-	-	-
12/11/2019	-	-	-	-	-
1/31/2020	-	-	-	-	-
2/3/2020	-	-	-	-	-
2/17/2020	8.92	364.58	11.42	362.08	2.50
2/24/2020	8.94	364.56	11.60	361.90	2.66
3/2/2020	8.69	364.81	10.93	362.57	2.24
3/11/2020	8.58	364.92	10.42	363.08	1.84
3/16/2020	8.80	364.70	10.89	362.61	2.09
3/23/2020	9.25	364.25	11.95	361.55	2.70
3/30/2020	9.13	364.37	11.77	361.73	2.64
4/13/2020	9.50	364.00	12.12	361.38	2.62
4/27/2020	9.55	363.95	12.00	361.50	2.45
5/11/2020	8.79	364.71	9.78	363.72	0.99
5/26/2020	-	-	-	-	-
6/15/2020	9.91	363.59	12.32	361.18	2.41
6/29/2020	9.98	363.52	12.33	361.17	2.35
7/27/2020	10.13	363.37	12.47	361.03	2.34
8/24/2020	10.35	363.15	12.62	360.88	2.27
9/21/2020	10.55	362.95	12.57	360.93	2.02
10/26/2020	10.20	363.30	12.37	361.13	2.17
11/23/2020	10.18	363.32	12.35	361.15	2.17
12/21/2020	10.16	363.34	12.37	361.13	2.21
1/25/2021	10.18	363.32	12.47	361.03	2.29
3/29/2021	9.98	363.52	12.17	361.33	2.19
4/6/2021	10.22	363.28	12.50	361.00	2.28
5/24/2021	10.44	363.06	10.72	362.78	0.28
6/1/2021	-	-	-	-	-
6/4/2021	10.30	363.20	10.31	363.19	0.01
6/7/2021	-	-	-	-	-
6/29/2021	-	-	-	-	-
7/7/2021	-	-	10.47	363.03	-
7/14/2021	-	-	-	-	-
7/21/2021	-	-	-	-	-
7/28/2021	-	-	-	-	-
8/4/2021	-	-	10.51	362.99	-
8/11/2021	-	-	-	-	-
8/18/2021	-	-	-	-	-
8/25/2021	-	-	-	-	-
9/8/2021	10.28	363.22	10.29	363.21	0.01
9/15/2021	-	-	-	-	-
9/22/2021	-	-	-	-	-
9/30/2021	-	-	-	-	-
10/4/2021	10.40	363.10	10.47	363.03	0.07
10/11/2021	-	-	-	-	-
10/18/2021	-	-	-	-	-
10/25/2021	-	-	-	-	-
11/1/2021	-	-	7.66	365.84	0.00
11/9/2021	-	-	-	-	-
11/23/2021	-	-	-	-	-
12/1/2021	-	-	-	-	-
12/6/2021	9.47	364.03	9.55	363.95	0.08
12/20/2021	9.20	364.30	9.55	363.95	0.35
1/12/2022	9.41	364.09	9.82	363.68	0.41
2/7/2022	10.10	363.40	10.28	363.22	0.18
3/10/2022	8.74	364.76	8.80	364.70	0.06

Notes:
-- No gauging occurred or no measurable apparent LNAPL thickness
bmp - Below measuring point (top of casing)
amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
SOUTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	RW-3				
	Southern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
6/6/2019	-	-	-	-	-
12/11/2019	-	-	-	-	-
1/31/2020	-	-	-	-	-
2/3/2020	8.20	365.12	11.05	362.27	2.85
2/17/2020	8.52	364.80	10.64	362.68	2.12
2/24/2020	8.62	364.70	10.11	363.21	1.49
3/2/2020	8.38	364.94	9.50	363.82	1.12
3/11/2020	8.21	365.11	9.11	364.21	0.90
3/16/2020	8.42	364.90	9.23	364.09	0.81
3/23/2020	8.91	364.41	10.02	363.30	1.11
3/30/2020	8.74	364.58	9.88	363.44	1.14
4/13/2020	9.06	364.26	10.28	363.04	1.22
4/27/2020	9.31	364.01	9.94	363.38	0.63
5/11/2020	8.28	365.04	8.98	364.34	0.70
5/26/2020	-	-	-	-	-
6/15/2020	9.65	363.67	10.33	362.99	0.68
6/29/2020	9.76	363.56	10.44	362.88	0.68
7/27/2020	10.07	363.25	10.28	363.04	0.21
8/24/2020	10.39	362.93	10.63	362.69	0.24
9/21/2020	10.87	362.45	11.00	362.32	0.13
10/26/2020	10.39	362.93	10.45	362.87	0.06
11/23/2020	10.31	363.01	10.44	362.88	0.13
12/21/2020	10.29	363.03	10.47	362.85	0.18
1/25/2021	10.13	363.19	10.83	362.49	0.70
3/29/2021	9.96	363.36	10.53	362.79	0.57
4/6/2021	10.28	363.04	10.55	362.77	0.27
5/24/2021	9.75	363.57	11.60	361.72	1.85
6/1/2021	-	-	-	-	-
6/4/2021	9.62	363.70	11.46	361.86	1.84
6/7/2021	-	-	-	-	-
6/29/2021	-	-	-	-	-
7/7/2021	9.80	363.52	11.70	361.62	1.90
7/14/2021	-	-	-	-	-
7/21/2021	8.97	364.35	11.10	362.22	2.13
7/28/2021	-	-	-	-	-
8/4/2021	9.85	363.47	11.23	362.09	1.38
8/11/2021	-	-	-	-	-
8/18/2021	-	-	-	-	-
8/25/2021	8.65	364.67	9.95	363.37	1.30
9/8/2021	9.65	363.67	10.95	362.37	1.30
9/15/2021	-	-	-	-	-
9/22/2021	-	-	-	-	-
9/30/2021	-	-	-	-	-
10/4/2021	10.03	363.29	10.42	362.90	0.39
10/11/2021	-	-	-	-	-
10/18/2021	-	-	-	-	-
10/25/2021	-	-	-	-	-
11/1/2021	7.50	365.82	7.78	365.54	0.28
11/9/2021	-	-	-	-	-
11/23/2021	8.85	364.47	9.60	363.72	0.75
12/1/2021	-	-	-	-	-
12/6/2021	9.01	364.31	9.23	364.09	0.22
12/20/2021	8.74	364.58	9.42	363.90	0.68
1/12/2022	8.71	364.61	10.45	362.87	1.74
2/7/2022	9.53	363.79	10.27	363.05	0.74
3/10/2022	8.18	365.14	8.62	364.70	0.44

Notes:
-- No gauging occurred or no measurable apparent LNAPL thickness
bmp - Below measuring point (top of casing)
amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
SOUTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	MW-2S				
	Southern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
6/6/2019	-	-	-	-	-
12/11/2019	-	-	-	-	-
1/31/2020	-	-	-	-	-
2/3/2020	-	-	-	-	-
2/17/2020	9.32	364.90	12.36	361.86	3.04
2/24/2020	9.32	364.90	12.48	361.74	3.16
3/2/2020	9.15	365.07	11.55	362.67	2.40
3/11/2020	8.94	365.28	11.25	362.97	2.31
3/16/2020	9.05	365.17	12.00	362.22	2.95
3/23/2020	9.36	364.86	13.60	360.62	4.24
3/30/2020	9.34	364.88	12.85	361.37	3.51
4/13/2020	9.51	364.71	14.02	360.20	4.51
4/27/2020	9.57	364.65	14.13	360.09	4.56
5/11/2020	9.15	365.07	10.68	363.54	1.53
5/26/2020	-	-	-	-	-
6/15/2020	9.73	364.49	15.40	358.82	5.67
6/29/2020	9.78	364.44	15.56	358.66	5.78
7/27/2020	10.92	363.30	15.85	358.37	4.93
8/24/2020	10.13	364.09	16.14	358.08	6.01
9/21/2020	10.36	363.86	16.26	357.96	5.90
10/26/2020	10.07	364.15	15.87	358.35	5.80
11/23/2020	10.07	364.15	15.82	358.40	5.75
12/21/2020	10.05	364.17	15.80	358.42	5.75
1/25/2021	9.98	364.24	16.10	358.12	6.12
3/29/2021	9.81	364.41	15.86	358.36	6.05
4/6/2021	10.00	364.22	16.30	357.92	6.30
5/24/2021	10.02	364.20	15.53	358.69	5.51
6/1/2021	10.21	364.01	13.82	360.40	3.61
6/4/2021	-	-	-	-	-
6/7/2021	-	-	-	-	-
6/29/2021	-	-	-	-	-
7/7/2021	10.53	363.69	13.37	360.85	2.84
7/14/2021	-	-	-	-	-
7/21/2021	-	-	-	-	-
7/28/2021	-	-	-	-	-
8/4/2021	10.52	363.70	13.35	360.87	2.83
8/11/2021	-	-	-	-	-
8/18/2021	-	-	-	-	-
8/25/2021	9.90	364.32	12.00	362.22	2.10
9/8/2021	9.99	364.23	14.40	359.82	4.41
9/15/2021	-	-	-	-	-
9/22/2021	-	-	-	-	-
9/30/2021	-	-	-	-	-
10/4/2021	10.64	363.58	12.55	361.67	1.91
10/11/2021	-	-	-	-	-
10/18/2021	-	-	-	-	-
10/25/2021	-	-	-	-	-
11/1/2021	8.26	365.96	8.76	365.46	0.50
11/9/2021	-	-	-	-	-
11/23/2021	9.40	364.82	10.55	363.67	1.15
12/1/2021	-	-	-	-	-
12/6/2021	9.48	364.74	9.92	364.30	0.44
12/20/2021	9.72	364.50	10.17	364.05	0.45
1/12/2022	9.60	364.62	11.70	362.52	2.10
2/7/2022	10.14	364.08	12.80	361.42	2.66
3/10/2022	9.22	365.00	9.52	364.70	0.30

Notes:
-- No gauging occurred or no measurable apparent LNAPL thickness
bmp - Below measuring point (top of casing)
amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
SOUTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	A13				
	Southern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
6/6/2019	7.52	367.55	10.03	365.04	2.51
12/11/2019	10.55	364.52	13.21	361.86	2.66
1/31/2020	-	-	-	-	-
2/3/2020	-	-	-	-	-
2/17/2020	10.37	364.70	11.45	363.62	1.08
2/24/2020	10.38	364.69	11.50	363.57	1.12
3/2/2020	10.07	365.00	11.20	363.87	1.13
3/11/2020	9.84	365.23	10.97	364.10	1.13
3/16/2020	10.00	365.07	11.14	363.93	1.14
3/23/2020	10.55	364.52	11.67	363.40	1.12
3/30/2020	10.40	364.67	11.51	363.56	1.11
4/13/2020	10.73	364.34	11.88	363.19	1.15
4/27/2020	10.86	364.21	11.96	363.11	1.10
5/11/2020	9.87	365.20	11.02	364.05	1.15
5/26/2020	-	-	-	-	-
6/15/2020	11.20	363.87	12.45	362.62	1.25
6/29/2020	11.33	363.74	12.62	362.45	1.29
7/27/2020	11.61	363.46	12.97	362.10	1.36
8/24/2020	11.90	363.17	13.34	361.73	1.44
9/21/2020	12.20	362.87	13.90	361.17	1.70
10/26/2020	11.92	363.15	13.40	361.67	1.48
11/23/2020	11.91	363.16	13.40	361.67	1.49
12/21/2020	11.88	363.19	13.23	361.84	1.35
1/25/2021	11.22	363.85	13.18	361.89	1.96
3/29/2021	11.63	363.44	12.96	362.11	1.33
4/6/2021	11.84	363.23	13.30	361.77	1.46
5/24/2021	11.63	363.44	13.08	361.99	1.45
6/1/2021	11.62	363.45	13.10	361.97	1.48
6/4/2021	11.72	363.35	12.07	363.00	0.35
6/7/2021	12.00	363.07	12.33	362.74	0.33
6/29/2021	12.02	363.05	12.35	362.72	0.33
7/7/2021	11.95	363.12	12.25	362.82	0.30
7/14/2021	-	-	-	-	-
7/21/2021	-	-	-	-	-
7/28/2021	-	-	-	-	-
8/4/2021	11.85	363.22	12.25	362.82	0.40
8/11/2021	-	-	-	-	-
8/18/2021	-	-	-	-	-
8/25/2021	-	-	-	-	-
9/8/2021	11.68	363.39	11.90	363.17	0.22
9/15/2021	-	-	-	-	-
9/22/2021	-	-	-	-	-
9/30/2021	-	-	-	-	-
10/4/2021	11.89	363.18	12.02	363.05	0.13
10/11/2021	-	-	-	-	-
10/18/2021	-	-	-	-	-
10/25/2021	-	-	-	-	-
11/1/2021	9.40	365.67	9.52	365.55	0.12
11/9/2021	-	-	-	-	-
11/23/2021	-	-	-	-	-
12/1/2021	-	-	-	-	-
12/6/2021	10.80	364.27	11.00	364.07	0.20
12/20/2021	10.63	364.44	10.72	364.35	0.09
1/12/2022	10.79	364.28	10.85	364.22	0.06
2/7/2022	11.42	363.65	11.52	363.55	0.10
3/10/2022	9.98	365.09	10.07	365.00	0.09

Notes:
-- No gauging occurred or no measurable apparent LNAPL thickness
bmp - Below measuring point (top of casing)
amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
SOUTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	A14				
	Southern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
6/6/2019	9.13	364.87	11.52	362.48	2.39
12/11/2019	-	-	-	-	-
1/31/2020	-	-	-	-	-
2/3/2020	-	-	-	-	-
2/17/2020	9.21	364.79	11.52	362.48	2.31
2/24/2020	9.13	364.87	11.42	362.58	2.29
3/2/2020	8.85	365.15	11.20	362.80	2.35
3/11/2020	8.67	365.33	10.88	363.12	2.21
3/16/2020	8.93	365.07	10.73	363.27	1.80
3/23/2020	9.64	364.36	11.20	362.80	1.56
3/30/2020	9.35	364.65	11.20	362.80	1.85
4/13/2020	9.74	364.26	11.59	362.41	1.85
4/27/2020	9.79	364.21	11.86	362.14	2.07
5/11/2020	8.82	365.18	11.03	362.97	2.21
5/26/2020	-	-	-	-	-
6/15/2020	10.16	363.84	12.50	361.50	2.34
6/29/2020	10.21	363.79	12.78	361.22	2.57
7/27/2020	10.40	363.60	13.46	360.54	3.06
8/24/2020	10.55	363.45	14.28	359.72	3.73
9/21/2020	10.75	363.25	15.20	358.80	4.45
10/26/2020	10.55	363.45	14.25	359.75	3.70
11/23/2020	10.48	363.52	14.29	359.71	3.81
12/21/2020	10.43	363.57	14.44	359.56	4.01
1/25/2021	10.20	363.80	14.16	359.84	3.96
3/29/2021	10.08	363.92	14.56	359.44	4.48
4/6/2021	10.22	363.78	15.35	358.65	5.13
5/24/2021	10.09	363.91	14.82	359.18	4.73
6/1/2021	10.04	363.96	14.70	359.30	4.66
6/4/2021	10.71	363.29	11.53	362.47	0.82
6/7/2021	10.92	363.08	12.06	361.94	1.14
6/29/2021	10.83	363.17	12.46	361.54	1.63
7/7/2021	10.99	363.01	11.43	362.57	0.44
7/14/2021	-	-	-	-	-
7/21/2021	-	-	-	-	-
7/28/2021	-	-	-	-	-
8/4/2021	10.90	363.10	11.58	362.42	0.68
8/11/2021	-	-	-	-	-
8/18/2021	-	-	-	-	-
8/25/2021	-	-	-	-	-
9/8/2021	10.75	363.25	11.14	362.86	0.39
9/15/2021	-	-	-	-	-
9/22/2021	-	-	-	-	-
9/30/2021	-	-	-	-	-
10/4/2021	10.90	363.10	11.19	362.81	0.29
10/11/2021	-	-	-	-	-
10/18/2021	-	-	-	-	-
10/25/2021	-	-	-	-	-
11/1/2021	-	-	8.45	365.55	0.00
11/9/2021	-	-	-	-	-
11/23/2021	-	-	-	-	-
12/1/2021	-	-	-	-	-
12/6/2021	-	-	9.98	364.02	-
12/20/2021	-	-	9.68	364.32	-
1/12/2022	9.91	364.09	9.92	364.08	0.01
2/7/2022	10.30	363.70	11.45	362.55	1.15
3/10/2022	8.94	365.06	9.55	364.45	0.61

Notes:
-- No gauging occurred or no measurable apparent LNAPL thickness
bmp - Below measuring point (top of casing)
amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
SOUTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	RW-4				
	Southern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
6/6/2019	-	-	-	-	-
12/11/2019	-	-	-	-	-
1/31/2020	-	-	-	-	-
2/3/2020	7.54	365.00	7.59	364.95	0.05
2/17/2020	7.61	364.93	7.66	364.88	0.05
2/24/2020	7.56	364.98	7.61	364.93	0.05
3/2/2020	7.24	365.30	7.30	365.24	0.06
3/11/2020	7.06	365.48	7.10	365.44	0.04
3/16/2020	7.30	365.24	7.36	365.18	0.06
3/23/2020	7.78	364.76	7.83	364.71	0.05
3/30/2020	7.48	365.06	7.55	364.99	0.07
4/13/2020	7.83	364.71	7.90	364.64	0.07
4/27/2020	8.02	364.52	8.11	364.43	0.09
5/11/2020	7.20	365.34	7.28	365.26	0.08
5/26/2020	-	-	-	-	-
6/15/2020	8.87	363.67	9.04	363.50	0.17
6/29/2020	8.80	363.74	9.17	363.37	0.37
7/27/2020	8.92	363.62	9.88	362.66	0.96
8/24/2020	9.23	363.31	10.89	361.65	1.66
9/21/2020	9.75	362.79	11.55	360.99	1.80
10/26/2020	9.08	363.46	10.18	362.36	1.10
11/23/2020	9.28	363.26	9.40	363.14	0.12
12/21/2020	9.31	363.23	9.41	363.13	0.10
1/25/2021	8.74	363.80	8.84	363.70	0.10
3/29/2021	8.53	364.01	8.63	363.91	0.10
4/6/2021	8.92	363.62	9.03	363.51	0.11
5/24/2021	9.01	363.53	9.13	363.41	0.12
6/1/2021	-	-	-	-	-
6/4/2021	8.57	363.97	8.59	363.95	0.02
6/7/2021	-	-	-	-	-
6/29/2021	-	-	-	-	-
7/7/2021	9.08	363.46	9.12	363.42	0.04
7/14/2021	-	-	-	-	-
7/21/2021	-	-	-	-	-
7/28/2021	-	-	-	-	-
8/4/2021	9.04	363.50	9.05	363.49	0.01
8/11/2021	-	-	-	-	-
8/18/2021	-	-	-	-	-
8/25/2021	-	-	-	-	-
9/8/2021	8.94	363.60	9.08	363.46	0.14
9/15/2021	-	-	-	-	-
9/22/2021	-	-	-	-	-
9/30/2021	-	-	-	-	-
10/4/2021	8.75	363.79	8.89	363.65	0.14
10/11/2021	-	-	-	-	-
10/18/2021	-	-	-	-	-
10/25/2021	-	-	-	-	-
11/1/2021	6.26	366.28	6.62	365.92	0.36
11/9/2021	-	-	-	-	-
11/23/2021	7.52	365.02	7.60	364.94	0.08
12/1/2021	-	-	-	-	-
12/6/2021	7.75	364.79	7.77	364.77	0.02
12/20/2021	-	-	7.59	364.95	-
1/12/2022	7.75	364.79	7.76	364.78	0.01
2/7/2022	8.57	363.97	8.60	363.94	0.03
3/10/2022	7.00	365.54	7.05	365.49	0.05

Notes:
-- No gauging occurred or no measurable apparent LNAPL thickness
bmp - Below measuring point (top of casing)
amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
SOUTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	MW-5SR				
	Southern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
6/6/2019	NA	NA	NA	NA	NA
12/11/2019	NA	NA	NA	NA	NA
1/31/2020	NA	NA	NA	NA	NA
2/3/2020	NA	NA	NA	NA	NA
2/17/2020	NA	NA	NA	NA	NA
2/24/2020	NA	NA	NA	NA	NA
3/2/2020	NA	NA	NA	NA	NA
3/11/2020	NA	NA	NA	NA	NA
3/16/2020	NA	NA	NA	NA	NA
3/23/2020	NA	NA	NA	NA	NA
3/30/2020	NA	NA	NA	NA	NA
4/13/2020	NA	NA	NA	NA	NA
4/27/2020	NA	NA	NA	NA	NA
5/11/2020	NA	NA	NA	NA	NA
5/26/2020	NA	NA	NA	NA	NA
6/15/2020	9.01	-9.01	10.30	-10.30	1.29
6/29/2020	9.23	-9.23	10.53	-10.53	1.30
7/27/2020	9.30	-9.30	10.84	-10.84	1.54
8/24/2020	9.62	-9.62	11.14	-11.14	1.52
9/21/2020	-	-	9.88	-9.88	0.00
10/26/2020	-	-	9.55	-9.55	0.00
11/23/2020	9.48	-9.48	11.06	-11.06	1.58
12/21/2020	9.26	-9.26	12.03	-12.03	2.77
1/25/2021	8.86	-8.86	12.72	-12.72	3.86
3/29/2021	8.55	-8.55	12.81	-12.81	4.26
4/6/2021	8.75	-8.75	13.30	-13.30	4.55
5/24/2021	8.65	-8.65	12.83	-12.83	4.18
6/1/2021	-	-	-	-	-
6/4/2021	8.79	-8.79	11.59	-11.59	2.80
6/7/2021	-	-	-	-	-
6/29/2021	-	-	-	-	-
7/7/2021	9.06	-9.06	11.79	-11.79	2.73
7/14/2021	-	-	-	-	-
7/21/2021	-	-	-	-	-
7/28/2021	-	-	-	-	-
8/4/2021	8.18	-8.18	12.17	-12.17	3.99
8/11/2021	-	-	-	-	-
8/18/2021	-	-	-	-	-
8/25/2021	-	-	-	-	-
9/8/2021	8.53	-8.53	12.47	-12.47	3.94
9/15/2021	-	-	-	-	-
9/22/2021	-	-	-	-	-
9/30/2021	-	-	-	-	-
10/4/2021	8.97	-8.97	11.60	-11.60	2.63
10/11/2021	-	-	-	-	-
10/18/2021	-	-	-	-	-
10/25/2021	-	-	-	-	-
11/1/2021	6.31	-6.31	9.40	-9.40	3.09
11/9/2021	-	-	-	-	-
11/23/2021	-	-	-	-	-
12/1/2021	-	-	-	-	-
12/6/2021	8.28	-8.28	9.28	-9.28	1.00
12/20/2021	8.01	-8.01	9.20	-9.20	1.19
1/12/2022	7.84	-7.84	10.65	-10.65	2.81
2/7/2022	8.69	-8.69	10.63	-10.63	1.94
3/10/2022	6.74	-6.74	10.98	-10.98	4.24

Notes:
-- No gauging occurred or no measurable apparent LNAPL thickness
bmp - Below measuring point (top of casing)
amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
SOUTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	RW-5				
	Southern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
6/6/2019	-	-	-	-	-
12/11/2019	7.54	364.95	10.53	361.96	2.99
1/31/2020	-	-	-	-	-
2/3/2020	7.24	365.25	10.44	362.05	3.20
2/17/2020	7.55	364.94	9.57	362.92	2.02
2/24/2020	7.60	364.89	8.98	363.51	1.38
3/2/2020	7.30	365.19	8.77	363.72	1.47
3/11/2020	7.14	365.35	8.44	364.05	1.30
3/16/2020	7.48	365.01	8.19	364.30	0.71
3/23/2020	8.00	364.49	8.85	363.64	0.85
3/30/2020	7.68	364.81	8.68	363.81	1.00
4/13/2020	8.00	364.49	9.46	363.03	1.46
4/27/2020	8.15	364.34	9.43	363.06	1.28
5/11/2020	7.26	365.23	8.30	364.19	1.04
5/26/2020	-	-	-	-	-
6/15/2020	8.72	363.77	9.65	362.84	0.93
6/29/2020	6.80	365.69	9.77	362.72	2.97
7/27/2020	9.10	363.39	9.72	362.77	0.62
8/24/2020	9.56	362.93	9.70	362.79	0.14
9/21/2020	10.03	362.46	10.23	362.26	0.20
10/26/2020	9.48	363.01	9.51	362.98	0.03
11/23/2020	9.34	363.15	9.70	362.79	0.36
12/21/2020	9.27	363.22	10.00	362.49	0.73
1/25/2021	8.88	363.61	10.99	361.50	2.11
3/29/2021	8.67	363.82	10.55	361.94	1.88
4/6/2021	9.22	363.27	9.92	362.57	0.70
5/24/2021	8.74	363.75	10.83	361.66	2.09
6/1/2021	-	-	-	-	-
6/4/2021	8.66	363.83	10.53	361.96	1.87
6/7/2021	-	-	-	-	-
6/29/2021	-	-	-	-	-
7/7/2021	8.87	363.62	10.79	361.70	1.92
7/14/2021	-	-	-	-	-
7/21/2021	7.92	364.57	10.20	362.29	2.28
7/28/2021	-	-	-	-	-
8/4/2021	8.74	363.75	10.90	361.59	2.16
8/11/2021	-	-	-	-	-
8/18/2021	-	-	-	-	-
8/25/2021	8.57	363.92	9.60	362.89	1.03
9/8/2021	8.68	363.81	10.35	362.14	1.67
9/15/2021	-	-	-	-	-
9/22/2021	-	-	-	-	-
9/30/2021	-	-	-	-	-
10/4/2021	8.95	363.54	10.00	362.49	1.05
10/11/2021	-	-	-	-	-
10/18/2021	-	-	-	-	-
10/25/2021	-	-	-	-	-
11/1/2021	6.26	366.23	7.65	364.84	1.39
11/9/2021	-	-	-	-	-
11/23/2021	-	-	-	-	-
12/1/2021	-	-	-	-	-
12/6/2021	7.90	364.59	8.59	363.90	0.69
12/20/2021	7.70	364.79	8.42	364.07	0.72
1/12/2022	7.79	364.70	9.20	363.29	1.41
2/7/2022	8.61	363.88	9.34	363.15	0.73
3/10/2022	6.97	365.52	8.33	364.16	1.36

Notes:
-- No gauging occurred or no measurable apparent LNAPL thickness
bmp - Below measuring point (top of casing)
amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
SOUTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	MW-7S				
	Southern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
6/6/2019	-	-	-	-	-
12/11/2019	-	-	-	-	-
1/31/2020	-	-	-	-	-
2/3/2020	-	-	-	-	-
2/17/2020	-	-	7.54	364.39	-
2/24/2020	-	-	7.50	364.43	-
3/2/2020	-	-	7.20	364.73	-
3/11/2020	-	-	7.01	364.92	-
3/16/2020	-	-	7.26	364.67	-
3/23/2020	-	-	7.84	364.09	-
3/30/2020	-	-	7.66	364.27	-
4/13/2020	-	-	8.06	363.87	-
4/27/2020	-	-	8.10	363.83	-
5/11/2020	-	-	7.17	364.76	-
5/26/2020	-	-	-	-	-
6/15/2020	-	-	8.60	363.33	-
6/29/2020	-	-	8.77	363.16	-
7/27/2020	-	-	8.84	363.09	-
8/24/2020	8.64	363.29	11.21	360.72	2.57
9/21/2020	8.57	363.36	11.72	360.21	3.15
10/26/2020	-	-	8.19	363.74	0.00
11/23/2020	8.00	363.93	13.05	358.88	5.05
12/21/2020	7.73	364.20	13.90	358.03	6.17
1/25/2021	7.53	364.40	14.37	357.56	6.84
3/29/2021	7.24	364.69	13.95	357.98	6.71
4/6/2021	7.57	364.36	14.00	357.93	6.43
5/24/2021	8.43	363.50	10.08	361.85	1.65
6/1/2021	-	-	-	-	-
6/4/2021	8.49	363.44	9.07	362.86	0.58
6/7/2021	-	-	-	-	-
6/29/2021	-	-	-	-	-
7/7/2021	8.79	363.14	8.99	362.94	0.20
7/14/2021	-	-	-	-	-
7/21/2021	-	-	-	-	-
7/28/2021	-	-	-	-	-
8/4/2021	8.69	363.24	9.02	362.91	0.33
8/11/2021	-	-	-	-	-
8/18/2021	-	-	-	-	-
8/25/2021	-	-	-	-	-
9/8/2021	8.58	363.35	8.59	363.34	0.01
9/15/2021	-	-	-	-	-
9/22/2021	-	-	-	-	-
9/30/2021	-	-	-	-	-
10/4/2021	8.38	363.55	9.62	362.31	1.24
10/11/2021	-	-	-	-	-
10/18/2021	-	-	-	-	-
10/25/2021	-	-	-	-	-
11/1/2021	5.99	365.94	6.76	365.17	0.77
11/9/2021	-	-	-	-	-
11/23/2021	7.55	364.38	7.56	364.37	0.01
12/1/2021	-	-	-	-	-
12/6/2021	7.66	364.27	7.68	364.25	0.02
12/20/2021	7.47	364.46	7.48	364.45	0.01
1/12/2022	7.65	364.28	7.74	364.19	0.09
2/7/2022	8.25	363.68	8.38	363.55	0.13
3/10/2022	6.96	364.97	6.98	364.95	0.02

Notes:
-- No gauging occurred or no measurable apparent LNAPL thickness
bmp - Below measuring point (top of casing)
amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
SOUTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	A12				
	Southern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
6/6/2019	-	-	-	-	-
12/11/2019	-	-	-	-	-
1/31/2020	-	-	-	-	-
2/3/2020	-	-	-	-	-
2/17/2020	8.68	364.95	11.00	362.63	2.32
2/24/2020	8.73	364.90	10.96	362.67	2.23
3/2/2020	8.30	365.33	10.45	363.18	2.15
3/11/2020	8.08	365.55	9.93	363.70	1.85
3/16/2020	8.30	365.33	9.36	364.27	1.06
3/23/2020	8.95	364.68	10.73	362.90	1.78
3/30/2020	8.80	364.83	10.59	363.04	1.79
4/13/2020	9.10	364.53	10.87	362.76	1.77
4/27/2020	9.27	364.36	11.09	362.54	1.82
5/11/2020	8.24	365.39	10.10	363.53	1.86
5/26/2020	-	-	-	-	-
6/15/2020	9.57	364.06	11.60	362.03	2.03
6/29/2020	9.70	363.93	11.78	361.85	2.08
7/27/2020	9.94	363.69	11.98	361.65	2.04
8/24/2020	10.26	363.37	12.43	361.20	2.17
9/21/2020	10.51	363.12	12.90	360.73	2.39
10/26/2020	9.95	363.68	9.95	363.68	0.00
11/23/2020	10.01	363.62	11.17	362.46	1.16
12/21/2020	10.20	363.43	12.08	361.55	1.88
1/25/2021	10.06	363.57	11.78	361.85	1.72
3/29/2021	9.65	363.98	10.55	363.08	0.90
4/6/2021	-	-	-	-	-
5/24/2021	10.00	363.63	12.15	361.48	2.15
6/1/2021	9.96	363.67	12.22	361.41	2.26
6/4/2021	10.09	363.54	11.24	362.39	1.15
6/7/2021	10.33	363.30	11.71	361.92	1.38
6/29/2021	10.40	363.23	11.73	361.90	1.33
7/7/2021	10.32	363.31	10.91	362.72	0.59
7/14/2021	-	-	-	-	-
7/21/2021	-	-	-	-	-
7/28/2021	-	-	-	-	-
8/4/2021	10.22	363.41	10.77	362.86	0.55
8/11/2021	-	-	-	-	-
8/18/2021	-	-	-	-	-
8/25/2021	-	-	-	-	-
9/8/2021	10.12	363.51	10.82	362.81	0.70
9/15/2021	-	-	-	-	-
9/22/2021	-	-	-	-	-
9/30/2021	-	-	-	-	-
10/4/2021	10.34	363.29	10.73	362.90	0.39
10/11/2021	-	-	-	-	-
10/18/2021	-	-	-	-	-
10/25/2021	-	-	-	-	-
11/1/2021	8.00	365.63	8.04	365.59	0.04
11/9/2021	-	-	-	-	-
11/23/2021	-	-	-	-	-
12/1/2021	-	-	-	-	-
12/6/2021	9.22	364.41	9.68	363.95	0.46
12/20/2021	9.08	364.55	9.40	364.23	0.32
1/12/2022	-	-	9.20	364.43	-
2/7/2022	9.75	363.88	9.85	363.78	0.10
3/10/2022	-	-	8.26	365.37	-

Notes:
-- No gauging occurred or no measurable apparent LNAPL thickness
bmp - Below measuring point (top of casing)
amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
SOUTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	A18				
	Southern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
6/6/2019	-	-	-	-	-
12/11/2019	-	-	-	-	-
1/31/2020	-	-	-	-	-
2/3/2020	-	-	-	-	-
2/17/2020	9.45	364.35	9.73	364.07	0.28
2/24/2020	9.40	364.40	9.68	364.12	0.28
3/2/2020	9.10	364.70	9.35	364.45	0.25
3/11/2020	8.92	364.88	9.15	364.65	0.23
3/16/2020	9.12	364.68	9.40	364.40	0.28
3/23/2020	9.71	364.09	9.97	363.83	0.26
3/30/2020	9.48	364.32	9.75	364.05	0.27
4/13/2020	9.86	363.94	10.11	363.69	0.25
4/27/2020	9.95	363.85	10.22	363.58	0.27
5/11/2020	8.98	364.82	9.23	364.57	0.25
5/26/2020	-	-	-	-	-
6/15/2020	10.35	363.45	10.67	363.13	0.32
6/29/2020	-	-	10.42	363.38	0.00
7/27/2020	10.64	363.16	10.92	362.88	0.28
8/24/2020	10.90	362.90	11.18	362.62	0.28
9/21/2020	11.20	362.60	11.50	362.30	0.30
10/26/2020	10.83	362.97	11.12	362.68	0.29
11/23/2020	10.80	363.00	11.05	362.75	0.25
12/21/2020	10.76	363.04	11.04	362.76	0.28
1/25/2021	10.73	363.07	11.03	362.77	0.30
3/29/2021	10.48	363.32	10.74	363.06	0.26
4/6/2021	-	-	10.64	363.16	-
5/24/2021	10.60	363.20	10.86	362.94	0.26
6/1/2021	10.63	363.17	10.85	362.95	0.22
6/4/2021	10.50	363.30	10.50	363.30	-
6/7/2021	10.78	363.02	10.79	363.01	0.01
6/29/2021	10.79	363.01	10.80	363.00	0.01
7/7/2021	-	-	10.68	363.12	-
7/14/2021	-	-	-	-	-
7/21/2021	-	-	-	-	-
7/28/2021	-	-	-	-	-
8/4/2021	-	-	10.66	363.14	-
8/11/2021	-	-	-	-	-
8/18/2021	-	-	-	-	-
8/25/2021	-	-	-	-	-
9/8/2021	-	-	10.44	363.36	-
9/15/2021	-	-	-	-	-
9/22/2021	-	-	-	-	-
9/30/2021	-	-	-	-	-
10/4/2021	-	-	10.60	363.20	-
10/11/2021	-	-	-	-	-
10/18/2021	-	-	-	-	-
10/25/2021	-	-	-	-	-
11/1/2021	-	-	7.95	365.85	-
11/9/2021	-	-	-	-	-
11/23/2021	-	-	-	-	-
12/1/2021	-	-	-	-	-
12/6/2021	-	-	9.58	364.22	-
12/20/2021	-	-	9.36	364.44	-
1/12/2022	-	-	9.58	364.22	-
2/7/2022	-	-	10.21	363.59	-
3/10/2022	-	-	8.78	365.02	-

Notes:
-- No gauging occurred or no measurable apparent LNAPL thickness
bmp - Below measuring point (top of casing)
amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
SOUTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	MW-6D				
	Southern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
6/6/2019	-	-	-	-	-
12/11/2019	-	-	-	-	-
1/31/2020	-	-	-	-	-
2/3/2020	-	-	-	-	-
2/17/2020	-	-	7.67	364.40	-
2/24/2020	-	-	7.66	364.41	-
3/2/2020	-	-	7.34	364.73	-
3/11/2020	-	-	7.17	364.90	-
3/16/2020	-	-	7.36	364.71	-
3/23/2020	-	-	7.95	364.12	-
3/30/2020	-	-	7.75	364.32	-
4/13/2020	-	-	8.13	363.94	-
4/27/2020	-	-	8.15	363.92	-
5/11/2020	-	-	7.22	364.85	-
5/26/2020	-	-	-	-	-
6/15/2020	-	-	8.64	363.43	-
6/29/2020	-	-	8.83	363.24	-
7/27/2020	-	-	8.92	363.15	-
8/24/2020	-	-	9.18	362.89	-
9/21/2020	-	-	9.37	362.70	-
10/26/2020	-	-	9.03	363.04	-
11/23/2020	-	-	9.02	363.05	-
12/21/2020	-	-	8.98	363.09	-
1/25/2021	8.87	363.20	9.22	362.85	0.35
3/29/2021	8.52	363.55	9.37	362.70	0.85
4/6/2021	-	-	-	-	-
5/24/2021	8.20	363.87	11.09	360.98	2.89
6/1/2021	8.16	363.91	11.08	360.99	2.92
6/4/2021	8.62	363.45	8.63	363.44	0.01
6/7/2021	-	-	-	-	-
6/29/2021	8.92	363.15	8.93	363.14	0.01
7/7/2021	-	-	8.88	363.19	-
7/14/2021	-	-	-	-	-
7/21/2021	-	-	-	-	-
7/28/2021	-	-	-	-	-
8/4/2021	-	-	8.85	363.22	-
8/11/2021	-	-	-	-	-
8/18/2021	-	-	-	-	-
8/25/2021	-	-	-	-	-
9/8/2021	-	-	8.63	363.44	-
9/15/2021	-	-	-	-	-
9/22/2021	-	-	-	-	-
9/30/2021	-	-	-	-	-
10/4/2021	-	-	8.79	363.28	-
10/11/2021	-	-	-	-	-
10/18/2021	-	-	-	-	-
10/25/2021	-	-	-	-	-
11/1/2021	-	-	6.14	365.93	-
11/9/2021	-	-	-	-	-
11/23/2021	-	-	-	-	-
12/1/2021	-	-	-	-	-
12/6/2021	-	-	7.76	364.31	-
12/20/2021	-	-	7.56	364.51	-
1/12/2022	-	-	7.75	364.32	-
2/7/2022	-	-	8.35	363.72	-
3/10/2022	-	-	7.01	365.06	-

Notes:
-- No gauging occurred or no measurable apparent LNAPL thickness
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amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
SOUTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11131712

Date	MW-6S				
	Southern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
6/6/2019	-	-	-	-	-
12/11/2019	-	-	-	-	-
1/31/2020	-	-	-	-	-
2/3/2020	-	-	-	-	-
2/17/2020	-	-	7.48	364.52	-
2/24/2020	-	-	7.46	364.54	-
3/2/2020	-	-	7.14	364.86	-
3/11/2020	-	-	6.98	365.02	-
3/16/2020	-	-	7.17	364.83	-
3/23/2020	-	-	7.73	364.27	-
3/30/2020	-	-	7.55	364.45	-
4/13/2020	-	-	7.90	364.10	-
4/27/2020	7.88	364.12	8.45	363.55	0.57
5/11/2020	6.96	365.04	7.49	364.51	0.53
5/26/2020	-	-	-	-	-
6/15/2020	8.45	363.55	8.88	363.12	0.43
6/29/2020	8.64	363.36	9.03	362.97	0.39
7/27/2020	8.39	363.61	8.88	363.12	0.49
8/24/2020	8.98	363.02	9.43	362.57	0.45
9/21/2020	9.19	362.81	9.66	362.34	0.47
10/26/2020	8.38	363.62	8.38	363.62	0.00
11/23/2020	8.42	363.58	8.77	363.23	0.35
12/21/2020	8.34	363.66	8.73	363.27	0.39
1/25/2021	8.15	363.85	8.58	363.42	0.43
3/29/2021	7.44	364.56	8.50	363.50	1.06
4/6/2021	-	-	-	-	-
5/24/2021	7.42	364.58	8.46	363.54	1.04
6/1/2021	7.60	364.40	8.48	363.52	0.88
6/4/2021	7.47	364.53	7.88	364.12	0.41
6/7/2021	-	-	-	-	-
6/29/2021	8.71	363.29	8.90	363.10	0.19
7/7/2021	7.76	364.24	8.30	363.70	0.54
7/14/2021	-	-	-	-	-
7/21/2021	-	-	-	-	-
7/28/2021	-	-	-	-	-
8/4/2021	8.03	363.97	8.48	363.52	0.45
8/11/2021	-	-	-	-	-
8/18/2021	-	-	-	-	-
8/25/2021	-	-	-	-	-
9/8/2021	8.00	364.00	8.35	363.65	0.35
9/15/2021	-	-	-	-	-
9/22/2021	-	-	-	-	-
9/30/2021	-	-	-	-	-
10/4/2021	8.03	363.97	8.22	363.78	0.19
10/11/2021	-	-	-	-	-
10/18/2021	-	-	-	-	-
10/25/2021	-	-	-	-	-
11/1/2021	5.75	366.25	5.79	366.21	0.04
11/9/2021	-	-	-	-	-
11/23/2021	-	-	-	-	-
12/1/2021	-	-	-	-	-
12/6/2021	6.89	365.11	6.93	365.07	0.04
12/20/2021	6.72	365.28	6.73	365.27	0.01
1/12/2022	6.85	365.15	6.87	365.13	0.02
2/7/2022	7.36	364.64	7.38	364.62	0.02
3/10/2022	6.10	365.90	6.14	365.86	0.04

Notes:
-- No gauging occurred or no measurable apparent LNAPL thickness
bmp - Below measuring point (top of casing)
amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
SOUTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	MWA				
	Southern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
6/6/2019	-	-	-	-	-
12/11/2019	-	-	-	-	-
1/31/2020	-	-	-	-	-
2/3/2020	-	-	-	-	-
2/17/2020	-	-	-	-	-
2/24/2020	-	-	-	-	-
3/2/2020	-	-	-	-	-
3/11/2020	11.11	365.46	11.19	365.38	0.08
3/16/2020	11.27	365.30	11.36	365.21	0.09
3/23/2020	11.71	364.86	11.98	364.59	0.27
3/30/2020	-	-	10.96	365.61	-
4/13/2020	12.00	364.57	12.04	364.53	0.04
4/27/2020	-	-	11.75	364.82	-
5/11/2020	-	-	11.22	365.35	-
5/26/2020	-	-	-	-	-
6/15/2020	-	-	12.63	363.94	-
6/29/2020	-	-	12.82	363.75	-
7/27/2020	-	-	13.12	363.45	-
8/24/2020	-	-	13.51	363.06	-
9/21/2020	-	-	13.71	362.86	-
10/26/2020	-	-	13.37	363.20	-
11/23/2020	13.04	363.53	14.18	362.39	1.14
12/21/2020	-	-	-	-	-
1/25/2021	-	-	-	-	-
3/29/2021	12.27	364.30	12.27	364.30	-
4/6/2021	-	-	-	-	-
5/24/2021	12.98	363.59	13.68	362.89	0.70
6/1/2021	12.93	363.64	13.60	362.97	0.67
6/4/2021	12.97	363.60	13.12	363.45	0.15
6/7/2021	13.21	363.36	13.46	363.11	0.25
6/29/2021	13.33	363.24	13.83	362.74	0.50
7/7/2021	12.72	363.85	12.72	363.85	-
7/14/2021	-	-	-	-	-
7/21/2021	-	-	-	-	-
7/28/2021	-	-	-	-	-
8/4/2021	13.09	363.48	13.45	363.12	0.36
8/11/2021	-	-	-	-	-
8/18/2021	-	-	-	-	-
8/25/2021	-	-	-	-	-
9/8/2021	12.90	363.67	13.75	362.82	0.85
9/15/2021	-	-	-	-	-
9/22/2021	-	-	-	-	-
9/30/2021	-	-	-	-	-
10/4/2021	12.38	364.19	12.98	363.59	0.60
10/11/2021	-	-	-	-	-
10/18/2021	-	-	-	-	-
10/25/2021	-	-	-	-	-
11/1/2021	-	-	10.83	365.74	0.00
11/9/2021	-	-	-	-	-
11/23/2021	-	-	-	-	-
12/1/2021	-	-	-	-	-
12/6/2021	-	-	-	-	-
12/20/2021	-	-	11.65	364.92	-
1/12/2022	12.00	364.57	12.01	364.56	0.01
2/7/2022	12.70	363.87	12.71	363.86	0.01
3/10/2022	-	-	10.91	365.66	-

Notes:
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SUMMARY OF WELL GAUGING EVENTS
SOUTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	MWB				
	Southern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
6/6/2019	-	-	-	-	-
12/11/2019	-	-	-	-	-
1/31/2020	-	-	-	-	-
2/3/2020	-	-	-	-	-
2/17/2020	-	-	-	-	-
2/24/2020	-	-	-	-	-
3/2/2020	-	-	-	-	-
3/11/2020	-	-	8.03	366.71	-
3/16/2020	9.42	365.32	9.55	365.19	0.13
3/23/2020	-	-	9.98	364.76	-
3/30/2020	-	-	8.24	366.50	-
4/13/2020	-	-	10.08	364.66	-
4/27/2020	-	-	9.99	364.75	-
5/11/2020	9.32	365.42	9.60	365.14	0.28
5/26/2020	-	-	-	-	-
6/15/2020	10.82	363.92	10.84	363.90	0.02
6/29/2020	-	-	11.13	363.61	-
7/27/2020	-	-	11.33	363.41	-
8/24/2020	-	-	11.67	363.07	-
9/21/2020	-	-	11.96	362.78	-
10/26/2020	-	-	10.80	363.94	-
11/23/2020	-	-	11.08	363.66	-
12/21/2020	-	-	-	-	-
1/25/2021	-	-	-	-	-
3/29/2021	-	-	10.53	364.21	-
4/6/2021	-	-	-	-	-
5/24/2021	6.95	367.79	11.34	363.40	4.39
6/1/2021	-	-	10.93	363.81	-
6/4/2021	-	-	9.37	365.37	-
6/7/2021	-	-	11.29	363.45	-
6/29/2021	10.71	364.03	10.74	364.00	0.04
7/7/2021	-	-	11.23	363.51	-
7/14/2021	-	-	-	-	-
7/21/2021	-	-	-	-	-
7/28/2021	-	-	-	-	-
8/4/2021	-	-	11.08	363.66	-
8/11/2021	-	-	-	-	-
8/18/2021	-	-	-	-	-
8/25/2021	-	-	-	-	-
9/8/2021	11.10	363.64	11.60	363.14	0.50
9/15/2021	-	-	-	-	-
9/22/2021	-	-	-	-	-
9/30/2021	-	-	-	-	-
10/4/2021	-	-	9.72	365.02	-
10/11/2021	-	-	-	-	-
10/18/2021	-	-	-	-	-
10/25/2021	-	-	-	-	-
11/1/2021	-	-	8.50	366.24	-
11/9/2021	-	-	-	-	-
11/23/2021	-	-	-	-	-
12/1/2021	-	-	-	-	-
12/6/2021	-	-	-	-	-
12/20/2021	-	-	9.58	365.16	-
1/12/2022	-	-	9.90	364.84	-
2/7/2022	-	-	10.85	363.89	-
3/10/2022	-	-	9.05	365.69	-

Notes:
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SUMMARY OF WELL GAUGING EVENTS
SOUTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	RW-2				
	Southern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
6/6/2019	-	-	-	-	-
12/11/2019	-	-	-	-	-
1/31/2020	-	-	-	-	-
2/3/2020	7.90	364.88	9.75	363.03	1.85
2/17/2020	7.96	364.82	10.21	362.57	2.25
2/24/2020	8.20	364.58	9.22	363.56	1.02
3/2/2020	7.98	364.80	8.68	364.10	0.70
3/11/2020	7.77	365.01	8.18	364.60	0.41
3/16/2020	7.95	364.83	8.40	364.38	0.45
3/23/2020	8.46	364.32	9.30	363.48	0.84
3/30/2020	8.34	364.44	8.91	363.87	0.57
4/13/2020	8.63	364.15	9.33	363.45	0.70
4/27/2020	8.84	363.94	10.17	362.61	1.33
5/11/2020	7.83	364.95	8.07	364.71	0.24
5/26/2020	-	-	-	-	-
6/15/2020	9.12	363.66	9.70	363.08	0.58
6/29/2020	9.22	363.56	9.83	362.95	0.61
7/27/2020	9.54	363.24	9.62	363.16	0.08
8/24/2020	9.86	362.92	9.93	362.85	0.07
9/21/2020	10.33	362.45	10.43	362.35	0.10
10/26/2020	9.81	362.97	9.91	362.87	0.10
11/23/2020	9.80	362.98	9.81	362.97	0.01
12/21/2020	9.77	363.01	9.78	363.00	0.01
1/25/2021	9.74	363.04	9.76	363.02	0.02
3/29/2021	9.53	363.25	9.60	363.18	0.07
4/6/2021	-	-	-	-	-
5/24/2021	-	-	9.57	363.21	-
6/1/2021	-	-	-	-	-
6/4/2021	-	-	-	-	-
6/7/2021	-	-	-	-	-
6/29/2021	-	-	-	-	-
7/7/2021	-	-	9.62	363.16	-
7/14/2021	-	-	-	-	-
7/21/2021	-	-	-	-	-
7/28/2021	-	-	-	-	-
8/4/2021	9.57	363.21	9.58	363.20	0.01
8/11/2021	-	-	-	-	-
8/18/2021	-	-	-	-	-
8/25/2021	-	-	-	-	-
9/8/2021	9.38	363.40	9.40	363.38	0.02
9/15/2021	-	-	-	-	-
9/22/2021	-	-	-	-	-
9/30/2021	-	-	-	-	-
10/4/2021	-	-	-	-	-
10/11/2021	-	-	-	-	-
10/18/2021	-	-	-	-	-
10/25/2021	-	-	-	-	-
11/1/2021	-	-	7.00	365.78	-
11/9/2021	-	-	-	-	-
11/23/2021	-	-	-	-	-
12/1/2021	-	-	-	-	-
12/6/2021	9.22	363.56	10.00	362.78	0.78
12/20/2021	8.20	364.58	9.04	363.74	0.84
1/12/2022	8.25	364.53	8.70	364.08	0.45
2/7/2022	9.10	363.68	9.55	363.23	0.45
3/10/2022	7.74	365.04	7.78	365.00	0.04

Notes:
-- No gauging occurred or no measurable apparent LNAPL thickness
bmp - Below measuring point (top of casing)
amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
SOUTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	S2				
	Southern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
6/6/2019	-	-	-	-	-
12/11/2019	-	-	-	-	-
1/31/2020	-	-	-	-	-
2/3/2020	-	-	-	-	-
2/17/2020	-	-	-	-	-
2/24/2020	-	-	-	-	-
3/2/2020	-	-	-	-	-
3/11/2020	11.27	365.56	11.82	365.01	0.55
3/16/2020	11.45	365.38	11.98	364.85	0.53
3/23/2020	11.98	364.85	12.52	364.31	0.54
3/30/2020	-	-	11.64	365.19	-
4/13/2020	12.15	364.68	12.69	364.14	0.54
4/27/2020	12.12	364.71	12.63	364.20	0.51
5/11/2020	11.38	365.45	11.89	364.94	0.51
5/26/2020	-	-	-	-	-
6/15/2020	12.77	364.06	13.28	363.55	0.51
6/29/2020	-	-	12.99	363.84	-
7/27/2020	13.35	363.48	13.52	363.31	0.17
8/24/2020	13.71	363.12	13.92	362.91	0.21
9/21/2020	-	-	13.96	362.87	-
10/26/2020	13.28	363.55	13.28	363.55	-
11/23/2020	13.44	363.39	14.89	361.94	1.45
12/21/2020	-	-	-	-	-
1/25/2021	-	-	-	-	-
3/29/2021	-	-	10.22	366.61	-
4/6/2021	-	-	-	-	-
5/24/2021	12.94	363.89	15.50	361.33	2.56
6/1/2021	12.93	363.90	15.30	361.53	2.37
6/4/2021	13.04	363.79	13.62	363.21	0.58
6/7/2021	13.38	363.45	14.31	362.52	0.93
6/29/2021	13.17	363.66	14.35	362.48	1.18
7/7/2021	13.33	363.50	14.60	362.23	1.27
7/14/2021	-	-	-	-	-
7/21/2021	-	-	-	-	-
7/28/2021	-	-	-	-	-
8/4/2021	-	-	13.09	363.74	-
8/11/2021	-	-	-	-	-
8/18/2021	-	-	-	-	-
8/25/2021	-	-	-	-	-
9/8/2021	-	-	13.00	363.83	-
9/15/2021	-	-	-	-	-
9/22/2021	-	-	-	-	-
9/30/2021	-	-	-	-	-
10/4/2021	12.75	364.08	14.05	362.78	1.30
10/11/2021	-	-	-	-	-
10/18/2021	-	-	-	-	-
10/25/2021	-	-	-	-	-
11/1/2021	10.90	365.93	10.93	365.90	0.03
11/9/2021	-	-	-	-	-
11/23/2021	-	-	-	-	-
12/1/2021	-	-	-	-	-
12/6/2021	12.06	364.77	12.14	364.69	0.08
12/20/2021	-	-	11.94	364.89	-
1/12/2022	-	-	12.19	364.64	-
2/7/2022	-	-	12.93	363.90	-
3/10/2022	-	-	11.38	365.45	-

Notes:
-- No gauging occurred or no measurable apparent LNAPL thickness
bmp - Below measuring point (top of casing)
amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
SOUTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	S3				
	Southern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
6/6/2019	-	-	-	-	-
12/11/2019	10.80	364.39	11.33	363.86	0.53
1/31/2020	-	-	-	-	-
2/3/2020	-	-	-	-	-
2/17/2020	-	-	-	-	-
2/24/2020	-	-	-	-	-
3/2/2020	-	-	-	-	-
3/11/2020	-	-	9.58	365.61	-
3/16/2020	9.79	365.40	10.66	364.53	0.87
3/23/2020	10.35	364.84	11.12	364.07	0.77
3/30/2020	10.19	365.00	10.90	364.29	0.71
4/13/2020	10.54	364.65	11.24	363.95	0.70
4/27/2020	10.73	364.46	11.40	363.79	0.67
5/11/2020	9.75	365.44	10.33	364.86	0.58
5/26/2020	-	-	-	-	-
6/15/2020	11.18	364.01	11.84	363.35	0.66
6/29/2020	11.46	363.73	12.09	363.10	0.63
7/27/2020	11.70	363.49	12.20	362.99	0.50
8/24/2020	12.05	363.14	12.57	362.62	0.52
9/21/2020	12.23	362.96	13.20	361.99	0.97
10/26/2020	-	-	12.00	363.19	0.00
11/23/2020	11.93	363.26	12.77	362.42	0.84
12/21/2020	-	-	-	-	-
1/25/2021	-	-	-	-	-
3/29/2021	-	-	11.57	363.62	-
4/6/2021	-	-	-	-	-
5/24/2021	11.40	363.79	13.25	361.94	1.85
6/1/2021	11.40	363.79	13.22	361.97	1.82
6/4/2021	11.54	363.65	12.15	363.04	0.61
6/7/2021	11.76	363.43	12.53	362.66	0.77
6/29/2021	11.78	363.41	12.85	362.34	1.07
7/7/2021	11.85	363.34	12.27	362.92	0.42
7/14/2021	-	-	-	-	-
7/21/2021	-	-	-	-	-
7/28/2021	-	-	-	-	-
8/4/2021	11.67	363.52	12.48	362.71	0.81
8/11/2021	-	-	-	-	-
8/18/2021	-	-	-	-	-
8/25/2021	-	-	-	-	-
9/8/2021	11.39	363.80	12.59	362.60	1.20
9/15/2021	-	-	-	-	-
9/22/2021	-	-	-	-	-
9/30/2021	-	-	-	-	-
10/4/2021	11.74	363.45	12.55	362.64	0.81
10/11/2021	-	-	-	-	-
10/18/2021	-	-	-	-	-
10/25/2021	-	-	-	-	-
11/1/2021	-	-	9.12	366.07	0.00
11/9/2021	-	-	-	-	-
11/23/2021	-	-	-	-	-
12/1/2021	-	-	-	-	-
12/6/2021	-	-	-	-	-
12/20/2021	10.26	364.93	11.30	363.89	1.04
1/12/2022	10.42	364.77	11.00	364.19	0.58
2/7/2022	11.15	364.04	11.55	363.64	0.40
3/10/2022	9.65	365.54	10.28	364.91	0.63

Notes:
-- No gauging occurred or no measurable apparent LNAPL thickness
bmp - Below measuring point (top of casing)
amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
SOUTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	S9				
	Southern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
6/6/2019	-	-	-	-	-
12/11/2019	-	-	-	-	-
1/31/2020	-	-	-	-	-
2/3/2020	-	-	-	-	-
2/17/2020	-	-	-	-	-
2/24/2020	-	-	-	-	-
3/2/2020	-	-	-	-	-
3/11/2020	5.90	366.28	8.33	363.85	2.43
3/16/2020	6.28	365.90	8.60	363.58	2.32
3/23/2020	6.85	365.33	9.12	363.06	2.27
3/30/2020	6.00	366.18	8.45	363.73	2.45
4/13/2020	6.84	365.34	9.04	363.14	2.20
4/27/2020	6.54	365.64	8.59	363.59	2.05
5/11/2020	6.56	365.62	8.23	363.95	1.67
5/26/2020	-	-	-	-	-
6/15/2020	8.41	363.77	8.77	363.41	0.36
6/29/2020	8.66	363.52	9.04	363.14	0.38
7/27/2020	-	-	8.84	363.34	0.00
8/24/2020	-	-	9.16	363.02	0.00
9/21/2020	-	-	9.39	362.79	0.00
10/26/2020	8.43	363.75	8.54	363.64	0.11
11/23/2020	8.82	363.36	8.90	363.28	0.08
12/21/2020	-	-	-	-	-
1/25/2021	-	-	-	-	-
3/29/2021	-	-	8.20	363.98	0.00
4/6/2021	-	-	-	-	-
5/24/2021	9.63	362.55	9.67	362.51	0.00
6/1/2021	-	-	-	-	-
6/4/2021	-	-	-	-	-
6/7/2021	-	-	-	-	-
6/29/2021	-	-	-	-	-
7/7/2021	8.84	363.34	8.92	363.26	0.08
7/14/2021	-	-	-	-	-
7/21/2021	-	-	-	-	-
7/28/2021	-	-	-	-	-
8/4/2021	-	-	7.97	364.21	-
8/11/2021	-	-	-	-	-
8/18/2021	-	-	-	-	-
8/25/2021	-	-	-	-	-
9/8/2021	7.89	364.29	8.90	363.28	1.01
9/15/2021	-	-	-	-	-
9/22/2021	-	-	-	-	-
9/30/2021	-	-	-	-	-
10/4/2021	-	-	8.59	363.59	0.00
10/11/2021	-	-	-	-	-
10/18/2021	-	-	-	-	-
10/25/2021	-	-	-	-	-
11/1/2021	5.95	366.23	6.12	366.06	0.17
11/9/2021	-	-	-	-	-
11/23/2021	-	-	-	-	-
12/1/2021	-	-	-	-	-
12/6/2021	-	-	-	-	-
12/20/2021	-	-	6.95	365.23	-
1/12/2022	7.24	364.94	7.25	364.93	0.01
2/7/2022	-	-	8.23	363.95	-
3/10/2022	6.37	365.81	6.40	365.78	0.03

Notes:
-- No gauging occurred or no measurable apparent LNAPL thickness
bmp - Below measuring point (top of casing)
amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
SOUTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	A3				
	Southern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
6/6/2019	-	-	-	-	-
12/11/2019	-	-	-	-	-
1/31/2020	-	-	-	-	-
2/3/2020	-	-	-	-	-
2/17/2020	-	-	-	-	-
2/24/2020	-	-	-	-	-
3/2/2020	-	-	-	-	-
3/11/2020	13.99	365.46	14.45	365.00	0.46
3/16/2020	14.10	365.35	14.61	364.84	0.51
3/23/2020	14.50	364.95	15.10	364.35	0.60
3/30/2020	14.48	364.97	15.08	364.37	0.60
4/13/2020	14.70	364.75	15.15	364.30	0.45
4/27/2020	14.86	364.59	15.15	364.30	0.29
5/11/2020	13.98	365.47	14.54	364.91	0.56
5/26/2020	-	-	-	-	-
6/15/2020	-	-	-	-	-
6/29/2020	-	-	-	-	-
7/27/2020	-	-	-	-	-
8/24/2020	-	-	-	-	-
9/21/2020	-	-	-	-	-
10/26/2020	-	-	15.14	364.31	-
11/23/2020	-	-	-	-	-
12/21/2020	-	-	-	-	-
1/25/2021	-	-	-	-	-
3/29/2021	-	-	-	-	-
4/6/2021	-	-	-	-	-
5/24/2021	-	-	-	-	-
6/1/2021	-	-	-	-	-
6/4/2021	-	-	-	-	-
6/7/2021	-	-	-	-	-
6/29/2021	-	-	-	-	-
7/7/2021	-	-	-	-	-
7/14/2021	-	-	-	-	-
7/21/2021	-	-	-	-	-
7/28/2021	-	-	-	-	-
8/4/2021	-	-	-	-	-
8/11/2021	-	-	-	-	-
8/18/2021	-	-	-	-	-
8/25/2021	-	-	-	-	-
9/8/2021	-	-	15.15	364.30	-
9/15/2021	-	-	-	-	-
9/22/2021	-	-	-	-	-
9/30/2021	-	-	-	-	-
10/4/2021	-	-	-	-	-
10/11/2021	-	-	-	-	-
10/18/2021	-	-	-	-	-
10/25/2021	-	-	-	-	-
11/1/2021	13.98	365.47	14.29	365.16	0.31
11/9/2021	-	-	-	-	-
11/23/2021	-	-	-	-	-
12/1/2021	-	-	-	-	-
12/6/2021	-	-	-	-	-
12/20/2021	14.69	364.76	15.05	364.40	0.36
1/12/2022	14.76	364.69	15.10	364.35	0.34
2/7/2022	-	-	15.08	364.37	-
3/10/2022	14.02	365.43	14.50	364.95	0.48

Notes:
-- No gauging occurred or no measurable apparent LNAPL thickness
bmp - Below measuring point (top of casing)
amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
SOUTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	DEC1				
	Southern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
6/6/2019	-	-	-	-	-
12/11/2019	-	-	-	-	-
1/31/2020	-	-	-	-	-
2/3/2020	-	-	-	-	-
2/17/2020	-	-	5.30	368.67	-
2/24/2020	-	-	5.43	368.54	-
3/2/2020	-	-	-	-	-
3/11/2020	-	-	5.08	368.89	-
3/16/2020	-	-	5.46	368.51	-
3/23/2020	-	-	5.80	368.17	-
3/30/2020	-	-	4.73	369.24	-
4/13/2020	-	-	5.44	368.53	-
4/27/2020	-	-	5.92	368.05	-
5/11/2020	-	-	5.47	368.50	-
5/26/2020	-	-	-	-	-
6/15/2020	-	-	10.12	363.85	-
6/29/2020	-	-	10.19	363.78	-
7/27/2020	-	-	7.32	366.65	-
8/24/2020	-	-	10.87	363.10	-
9/21/2020	-	-	11.40	362.57	-
10/26/2020	-	-	7.68	366.29	-
11/23/2020	-	-	9.55	364.42	-
12/21/2020	-	-	10.12	363.85	-
1/25/2021	-	-	6.92	367.05	-
3/29/2021	-	-	6.72	367.25	-
4/6/2021	-	-	-	-	-
5/24/2021	-	-	6.77	367.20	-
6/1/2021	-	-	-	-	-
6/4/2021	-	-	-	-	-
6/7/2021	-	-	-	-	-
6/29/2021	-	-	-	-	-
7/7/2021	-	-	7.89	366.08	-
7/14/2021	-	-	-	-	-
7/21/2021	-	-	-	-	-
7/28/2021	-	-	-	-	-
8/4/2021	-	-	6.37	367.60	-
8/11/2021	-	-	-	-	-
8/18/2021	-	-	-	-	-
8/25/2021	-	-	-	-	-
9/8/2021	-	-	7.96	366.01	-
9/15/2021	-	-	-	-	-
9/22/2021	-	-	-	-	-
9/30/2021	-	-	-	-	-
10/4/2021	-	-	-	-	-
10/11/2021	-	-	-	-	-
10/18/2021	-	-	-	-	-
10/25/2021	-	-	-	-	-
11/1/2021	-	-	-	-	-
11/9/2021	-	-	-	-	-
11/23/2021	-	-	-	-	-
12/1/2021	-	-	-	-	-
12/6/2021	-	-	-	-	-
12/20/2021	-	-	4.81	369.16	-
1/12/2022	-	-	5.50	368.47	-
2/7/2022	-	-	5.68	368.29	-
3/10/2022	-	-	4.95	369.02	-

Notes:
-- No gauging occurred or no measurable apparent LNAPL thickness
bmp - Below measuring point (top of casing)
amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
SOUTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	DEC2				
	Southern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
6/6/2019	-	-	-	-	-
12/11/2019	-	-	-	-	-
1/31/2020	-	-	-	-	-
2/3/2020	-	-	-	-	-
2/17/2020	-	-	-	-	-
2/24/2020	-	-	-	-	-
3/2/2020	-	-	-	-	-
3/11/2020	-	-	3.24	368.77	-
3/16/2020	-	-	3.81	368.20	-
3/23/2020	-	-	3.85	368.16	-
3/30/2020	-	-	3.02	368.99	-
4/13/2020	-	-	3.25	368.76	-
4/27/2020	-	-	3.18	368.83	-
5/11/2020	-	-	4.15	367.86	-
5/26/2020	-	-	-	-	-
6/15/2020	-	-	8.14	363.87	-
6/29/2020	-	-	7.95	364.06	-
7/27/2020	-	-	8.08	363.93	-
8/24/2020	-	-	8.85	363.16	-
9/21/2020	-	-	9.50	362.51	-
10/26/2020	-	-	3.86	368.15	-
11/23/2020	-	-	7.58	364.43	-
12/21/2020	-	-	8.26	363.75	-
1/25/2021	-	-	7.28	364.73	-
3/29/2021	-	-	3.16	368.85	-
4/6/2021	-	-	-	-	-
5/24/2021	-	-	8.05	363.96	-
6/1/2021	-	-	-	-	-
6/4/2021	-	-	-	-	-
6/7/2021	-	-	-	-	-
6/29/2021	-	-	-	-	-
7/7/2021	-	-	7.28	364.73	-
7/14/2021	-	-	-	-	-
7/21/2021	-	-	-	-	-
7/28/2021	-	-	-	-	-
8/4/2021	-	-	7.27	364.74	-
8/11/2021	-	-	-	-	-
8/18/2021	-	-	-	-	-
8/25/2021	-	-	-	-	-
9/8/2021	-	-	8.12	363.89	-
9/15/2021	-	-	-	-	-
9/22/2021	-	-	-	-	-
9/30/2021	-	-	-	-	-
10/4/2021	-	-	-	-	-
10/11/2021	-	-	-	-	-
10/18/2021	-	-	-	-	-
10/25/2021	-	-	-	-	-
11/1/2021	-	-	-	-	-
11/9/2021	-	-	-	-	-
11/23/2021	-	-	-	-	-
12/1/2021	-	-	-	-	-
12/6/2021	-	-	-	-	-
12/20/2021	-	-	3.14	368.87	-
1/12/2022	-	-	3.56	368.45	-
2/7/2022	-	-	6.85	365.16	-
3/10/2022	-	-	3.10	368.91	-

Notes:
-- No gauging occurred or no measurable apparent LNAPL thickness
bmp - Below measuring point (top of casing)
amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
SOUTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	A1				
	Southern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
6/6/2019	-	-	-	-	-
12/11/2019	-	-	-	-	-
1/31/2020	-	-	-	-	-
2/3/2020	-	-	-	-	-
2/17/2020	-	-	-	-	-
2/24/2020	-	-	-	-	-
3/2/2020	-	-	-	-	-
3/11/2020	-	-	6.76	370.67	-
3/16/2020	-	-	8.15	369.28	-
3/23/2020	-	-	9.35	368.08	-
3/30/2020	-	-	-	-	-
4/13/2020	-	-	8.95	368.48	-
4/27/2020	-	-	-	-	-
5/11/2020	-	-	9.47	367.96	-
5/26/2020	-	-	-	-	-
6/15/2020	-	-	-	-	-
6/29/2020	-	-	-	-	-
7/27/2020	-	-	-	-	-
8/24/2020	-	-	-	-	-
9/21/2020	-	-	-	-	-
10/26/2020	-	-	-	-	-
11/23/2020	-	-	-	-	-
12/21/2020	-	-	-	-	-
1/25/2021	-	-	-	-	-
3/29/2021	-	-	-	-	-
4/6/2021	-	-	-	-	-
5/24/2021	-	-	-	-	-
6/1/2021	-	-	-	-	-
6/4/2021	-	-	-	-	-
6/7/2021	-	-	-	-	-
6/29/2021	-	-	-	-	-
7/7/2021	-	-	-	-	-
7/14/2021	-	-	-	-	-
7/21/2021	-	-	-	-	-
7/28/2021	-	-	-	-	-
8/4/2021	-	-	-	-	-
8/11/2021	-	-	-	-	-
8/18/2021	-	-	-	-	-
8/25/2021	-	-	-	-	-
9/8/2021	-	-	-	-	-
9/15/2021	-	-	-	-	-
9/22/2021	-	-	-	-	-
9/30/2021	-	-	-	-	-
10/4/2021	-	-	-	-	-
10/11/2021	-	-	-	-	-
10/18/2021	-	-	-	-	-
10/25/2021	-	-	-	-	-
11/1/2021	-	-	-	-	-
11/9/2021	-	-	-	-	-
11/23/2021	-	-	-	-	-
12/1/2021	-	-	-	-	-
12/6/2021	-	-	-	-	-
12/20/2021	-	-	9.62	367.81	-
1/12/2022	-	-	10.75	366.68	-
2/7/2022	-	-	-	-	-
3/10/2022	-	-	6.31	371.12	-

Notes:
-- No gauging occurred or no measurable apparent LNAPL thickness
bmp - Below measuring point (top of casing)
amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
SOUTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	A11				
	Southern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
6/6/2019	-	-	-	-	-
12/11/2019	-	-	-	-	-
1/31/2020	-	-	-	-	-
2/3/2020	-	-	-	-	-
2/17/2020	-	-	9.47	364.54	-
2/24/2020	-	-	9.45	364.56	-
3/2/2020	9.11	364.90	9.13	364.88	0.02
3/11/2020	-	-	8.94	365.07	-
3/16/2020	-	-	9.12	364.89	-
3/23/2020	-	-	9.65	364.36	-
3/30/2020	-	-	9.48	364.53	-
4/13/2020	-	-	9.84	364.17	-
4/27/2020	-	-	9.98	364.03	-
5/11/2020	-	-	9.03	364.98	-
5/26/2020	-	-	-	-	-
6/15/2020	-	-	10.33	363.68	-
6/29/2020	-	-	10.45	363.56	-
7/27/2020	-	-	10.71	363.30	-
8/24/2020	-	-	11.04	362.97	-
9/21/2020	-	-	11.30	362.71	-
10/26/2020	-	-	11.04	362.97	-
11/23/2020	-	-	11.02	362.99	-
12/21/2020	-	-	10.97	363.04	-
1/25/2021	-	-	10.91	363.10	-
3/29/2021	-	-	10.68	363.33	-
4/6/2021	-	-	-	-	-
5/24/2021	-	-	10.74	363.27	-
6/1/2021	-	-	-	-	-
6/4/2021	-	-	-	-	-
6/7/2021	-	-	-	-	-
6/29/2021	-	-	-	-	-
7/7/2021	-	-	10.86	363.15	-
7/14/2021	-	-	-	-	-
7/21/2021	-	-	-	-	-
7/28/2021	-	-	-	-	-
8/4/2021	-	-	10.77	363.24	-
8/11/2021	-	-	-	-	-
8/18/2021	-	-	-	-	-
8/25/2021	-	-	-	-	-
9/8/2021	-	-	10.56	363.45	-
9/15/2021	-	-	-	-	-
9/22/2021	-	-	-	-	-
9/30/2021	-	-	-	-	-
10/4/2021	-	-	-	-	-
10/11/2021	-	-	-	-	-
10/18/2021	-	-	-	-	-
10/25/2021	-	-	-	-	-
11/1/2021	-	-	-	-	-
11/9/2021	-	-	-	-	-
11/23/2021	-	-	-	-	-
12/1/2021	-	-	-	-	-
12/6/2021	-	-	-	-	-
12/20/2021	-	-	9.45	364.56	-
1/12/2022	-	-	9.65	364.36	-
2/7/2022	-	-	10.32	363.69	-
3/10/2022	-	-	8.72	365.29	-

Notes:
-- No gauging occurred or no measurable apparent LNAPL thickness
bmp - Below measuring point (top of casing)
amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
SOUTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	A2				
	Southern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
6/6/2019	-	-	-	-	-
12/11/2019	-	-	-	-	-
1/31/2020	-	-	-	-	-
2/3/2020	-	-	-	-	-
2/17/2020	-	-	-	-	-
2/24/2020	-	-	-	-	-
3/2/2020	-	-	-	-	-
3/11/2020	-	-	9.78	369.44	-
3/16/2020	-	-	10.68	368.54	-
3/23/2020	-	-	11.04	368.18	-
3/30/2020	-	-	7.68	371.54	-
4/13/2020	-	-	7.82	371.40	-
4/27/2020	-	-	11.46	367.76	-
5/11/2020	-	-	9.40	369.82	-
5/26/2020	-	-	-	-	-
6/15/2020	-	-	-	-	-
6/29/2020	-	-	-	-	-
7/27/2020	-	-	-	-	-
8/24/2020	-	-	-	-	-
9/21/2020	-	-	-	-	-
10/26/2020	-	-	-	-	-
11/23/2020	-	-	-	-	-
12/21/2020	-	-	-	-	-
1/25/2021	-	-	-	-	-
3/29/2021	-	-	-	-	-
4/6/2021	-	-	-	-	-
5/24/2021	-	-	-	-	-
6/1/2021	-	-	-	-	-
6/4/2021	-	-	-	-	-
6/7/2021	-	-	-	-	-
6/29/2021	-	-	-	-	-
7/7/2021	-	-	-	-	-
7/14/2021	-	-	-	-	-
7/21/2021	-	-	-	-	-
7/28/2021	-	-	-	-	-
8/4/2021	-	-	11.41	367.81	-
8/11/2021	-	-	-	-	-
8/18/2021	-	-	-	-	-
8/25/2021	-	-	-	-	-
9/8/2021	-	-	12.12	367.10	-
9/15/2021	-	-	-	-	-
9/22/2021	-	-	-	-	-
9/30/2021	-	-	-	-	-
10/4/2021	-	-	-	-	-
10/11/2021	-	-	-	-	-
10/18/2021	-	-	-	-	-
10/25/2021	-	-	-	-	-
11/1/2021	-	-	-	-	-
11/9/2021	-	-	-	-	-
11/23/2021	-	-	-	-	-
12/1/2021	-	-	-	-	-
12/6/2021	-	-	-	-	-
12/20/2021	-	-	9.74	369.48	-
1/12/2022	-	-	10.24	368.98	-
2/7/2022	-	-	-	-	-
3/10/2022	-	-	8.25	370.97	-

Notes:
-- No gauging occurred or no measurable apparent LNAPL thickness
bmp - Below measuring point (top of casing)
amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
SOUTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	A21				
	Southern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
6/6/2019	-	-	-	-	-
12/11/2019	-	-	-	-	-
1/31/2020	-	-	-	-	-
2/3/2020	-	-	-	-	-
2/17/2020	-	-	8.90	364.09	-
2/24/2020	-	-	8.90	364.09	-
3/2/2020	-	-	8.42	364.57	-
3/11/2020	-	-	8.38	364.61	-
3/16/2020	-	-	8.78	364.21	-
3/23/2020	-	-	9.29	363.70	-
3/30/2020	-	-	7.90	365.09	-
4/13/2020	-	-	9.33	363.66	-
4/27/2020	-	-	9.12	363.87	-
5/11/2020	-	-	8.58	364.41	-
5/26/2020	-	-	-	-	-
6/15/2020	-	-	10.09	362.90	-
6/29/2020	-	-	10.05	362.94	-
7/27/2020	-	-	10.25	362.74	-
8/24/2020	-	-	10.38	362.61	-
9/21/2020	-	-	10.52	362.47	-
10/26/2020	-	-	9.83	363.16	-
11/23/2020	-	-	9.90	363.09	-
12/21/2020	-	-	9.95	363.04	-
1/25/2021	-	-	9.91	363.08	-
3/29/2021	-	-	8.57	364.42	-
4/6/2021	-	-	-	-	-
5/24/2021	-	-	9.94	363.05	-
6/1/2021	-	-	-	-	-
6/4/2021	-	-	-	-	-
6/7/2021	-	-	-	-	-
6/29/2021	-	-	-	-	-
7/7/2021	-	-	9.81	363.18	-
7/14/2021	-	-	-	-	-
7/21/2021	-	-	-	-	-
7/28/2021	-	-	-	-	-
8/4/2021	-	-	9.82	363.17	-
8/11/2021	-	-	-	-	-
8/18/2021	-	-	-	-	-
8/25/2021	-	-	-	-	-
9/8/2021	-	-	9.77	363.22	-
9/15/2021	-	-	-	-	-
9/22/2021	-	-	-	-	-
9/30/2021	-	-	-	-	-
10/4/2021	-	-	-	-	-
10/11/2021	-	-	-	-	-
10/18/2021	-	-	-	-	-
10/25/2021	-	-	-	-	-
11/1/2021	-	-	-	-	-
11/9/2021	-	-	-	-	-
11/23/2021	-	-	-	-	-
12/1/2021	-	-	-	-	-
12/6/2021	-	-	-	-	-
12/20/2021	-	-	8.27	364.72	-
1/12/2022	-	-	9.07	363.92	-
2/7/2022	-	-	9.80	363.19	-
3/10/2022	-	-	7.94	365.05	-

Notes:
-- No gauging occurred or no measurable apparent LNAPL thickness
bmp - Below measuring point (top of casing)
amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
SOUTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	A23				
	Southern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
6/6/2019	-	-	-	-	-
12/11/2019	-	-	-	-	-
1/31/2020	-	-	-	-	-
2/3/2020	-	-	-	-	-
2/17/2020	-	-	9.65	366.16	-
2/24/2020	-	-	9.91	365.90	-
3/2/2020	-	-	9.62	366.19	-
3/11/2020	-	-	9.33	366.48	-
3/16/2020	-	-	9.84	365.97	-
3/23/2020	-	-	10.58	365.23	-
3/30/2020	-	-	10.07	365.74	-
4/13/2020	-	-	10.33	365.48	-
4/27/2020	-	-	10.62	365.19	-
5/11/2020	-	-	10.13	365.68	-
5/26/2020	-	-	-	-	-
6/15/2020	-	-	12.93	362.88	-
6/29/2020	-	-	13.04	362.77	-
7/27/2020	-	-	13.25	362.56	-
8/24/2020	-	-	13.47	362.34	-
9/21/2020	-	-	13.52	362.29	-
10/26/2020	-	-	10.96	364.85	-
11/23/2020	-	-	12.44	363.37	-
12/21/2020	-	-	12.03	363.78	-
1/25/2021	-	-	10.44	365.37	-
3/29/2021	-	-	10.01	365.80	-
4/6/2021	-	-	-	-	-
5/24/2021	-	-	12.80	363.01	-
6/1/2021	-	-	-	-	-
6/4/2021	-	-	-	-	-
6/7/2021	-	-	-	-	-
6/29/2021	-	-	-	-	-
7/7/2021	-	-	12.80	363.01	-
7/14/2021	-	-	-	-	-
7/21/2021	-	-	-	-	-
7/28/2021	-	-	-	-	-
8/4/2021	-	-	12.65	363.16	-
8/11/2021	-	-	-	-	-
8/18/2021	-	-	-	-	-
8/25/2021	-	-	-	-	-
9/8/2021	-	-	12.75	363.06	-
9/15/2021	-	-	-	-	-
9/22/2021	-	-	-	-	-
9/30/2021	-	-	-	-	-
10/4/2021	-	-	-	-	-
10/11/2021	-	-	-	-	-
10/18/2021	-	-	-	-	-
10/25/2021	-	-	-	-	-
11/1/2021	-	-	-	-	-
11/9/2021	-	-	-	-	-
11/23/2021	-	-	-	-	-
12/1/2021	-	-	-	-	-
12/6/2021	-	-	-	-	-
12/20/2021	-	-	9.25	366.56	-
1/12/2022	-	-	10.25	365.56	-
2/7/2022	-	-	12.46	363.35	-
3/10/2022	-	-	9.18	366.63	-

Notes:
-- No gauging occurred or no measurable apparent LNAPL thickness
bmp - Below measuring point (top of casing)
amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
SOUTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	A24				
	Southern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
6/6/2019	-	-	-	-	-
12/11/2019	-	-	-	-	-
1/31/2020	-	-	-	-	-
2/3/2020	-	-	-	-	-
2/17/2020	7.51	365.92	7.52	365.91	0.01
2/24/2020	-	-	7.54	365.89	-
3/2/2020	-	-	7.05	366.38	-
3/11/2020	-	-	7.10	366.33	-
3/16/2020	-	-	7.45	365.98	-
3/23/2020	-	-	8.01	365.42	-
3/30/2020	-	-	7.52	365.91	-
4/13/2020	-	-	7.95	365.48	-
4/27/2020	-	-	8.24	365.19	-
5/11/2020	-	-	7.40	366.03	-
5/26/2020	-	-	-	-	-
6/15/2020	-	-	9.98	363.45	-
6/29/2020	-	-	10.25	363.18	-
7/27/2020	-	-	10.37	363.06	-
8/24/2020	10.68	362.75	10.78	362.65	0.10
9/21/2020	10.84	362.59	11.00	362.43	0.16
10/26/2020	10.44	362.99	10.45	362.98	0.01
11/23/2020	-	-	10.16	363.27	-
12/21/2020	-	-	9.89	363.54	-
1/25/2021	-	-	9.33	364.10	-
3/29/2021	-	-	8.67	364.76	-
4/6/2021	-	-	-	-	-
5/24/2021	-	-	9.75	363.68	-
6/1/2021	-	-	-	-	-
6/4/2021	-	-	-	-	-
6/7/2021	-	-	-	-	-
6/29/2021	-	-	-	-	-
7/7/2021	-	-	10.24	363.19	-
7/14/2021	-	-	-	-	-
7/21/2021	-	-	-	-	-
7/28/2021	-	-	-	-	-
8/4/2021	-	-	10.14	363.29	-
8/11/2021	-	-	-	-	-
8/18/2021	-	-	-	-	-
8/25/2021	-	-	-	-	-
9/8/2021	-	-	10.07	363.36	-
9/15/2021	-	-	-	-	-
9/22/2021	-	-	-	-	-
9/30/2021	-	-	-	-	-
10/4/2021	-	-	-	-	-
10/11/2021	-	-	-	-	-
10/18/2021	-	-	-	-	-
10/25/2021	-	-	-	-	-
11/1/2021	-	-	-	-	-
11/9/2021	-	-	-	-	-
11/23/2021	-	-	-	-	-
12/1/2021	-	-	-	-	-
12/6/2021	-	-	-	-	-
12/20/2021	-	-	7.33	366.10	-
1/12/2022	-	-	7.89	365.54	-
2/7/2022	-	-	9.23	364.20	-
3/10/2022	-	-	6.43	367.00	-

Notes:
-- No gauging occurred or no measurable apparent LNAPL thickness
bmp - Below measuring point (top of casing)
amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
SOUTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	A25				
	Southern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
6/6/2019	-	-	-	-	-
12/11/2019	-	-	-	-	-
1/31/2020	-	-	-	-	-
2/3/2020	-	-	-	-	-
2/17/2020	7.95	365.71	8.09	365.57	0.14
2/24/2020	8.02	365.64	8.16	365.50	0.14
3/2/2020	7.30	366.36	7.37	366.29	0.07
3/11/2020	7.40	366.26	7.48	366.18	0.08
3/16/2020	7.75	365.91	7.90	365.76	0.15
3/23/2020	8.44	365.22	8.55	365.11	0.11
3/30/2020	-	-	7.94	365.72	-
4/13/2020	8.50	365.16	8.60	365.06	0.10
4/27/2020	9.03	364.63	9.12	364.54	0.09
5/11/2020	7.70	365.96	7.74	365.92	0.04
5/26/2020	-	-	-	-	-
6/15/2020	10.57	363.09	10.63	363.03	0.06
6/29/2020	-	-	10.63	363.03	-
7/27/2020	10.81	362.85	10.95	362.71	0.14
8/24/2020	11.00	362.66	11.32	362.34	0.32
9/21/2020	11.15	362.51	11.50	362.16	0.35
10/26/2020	10.73	362.93	10.90	362.76	0.17
11/23/2020	10.52	363.14	10.64	363.02	0.12
12/21/2020	10.38	363.28	10.43	363.23	0.05
1/25/2021	-	-	9.93	363.73	-
3/29/2021	-	-	9.27	364.39	-
4/6/2021	-	-	-	-	-
5/24/2021	-	-	10.28	363.38	-
6/1/2021	-	-	-	-	-
6/4/2021	-	-	-	-	-
6/7/2021	-	-	-	-	-
6/29/2021	-	-	-	-	-
7/7/2021	10.69	362.97	10.72	362.94	-
7/14/2021	-	-	-	-	-
7/21/2021	-	-	-	-	-
7/28/2021	-	-	-	-	-
8/4/2021	-	-	10.56	363.10	-
8/11/2021	-	-	-	-	-
8/18/2021	-	-	-	-	-
8/25/2021	-	-	-	-	-
9/8/2021	-	-	10.35	363.31	-
9/15/2021	-	-	-	-	-
9/22/2021	-	-	-	-	-
9/30/2021	-	-	-	-	-
10/4/2021	-	-	-	-	-
10/11/2021	-	-	-	-	-
10/18/2021	-	-	-	-	-
10/25/2021	-	-	-	-	-
11/1/2021	-	-	-	-	-
11/9/2021	-	-	-	-	-
11/23/2021	-	-	-	-	-
12/1/2021	-	-	-	-	-
12/6/2021	-	-	-	-	-
12/20/2021	-	-	7.48	366.18	-
1/12/2022	-	-	8.16	365.50	-
2/7/2022	-	-	9.98	363.68	-
3/10/2022	-	-	6.47	367.19	-

Notes:
-- No gauging occurred or no measurable apparent LNAPL thickness
bmp - Below measuring point (top of casing)
amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
SOUTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	A26				
	Southern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
6/6/2019	-	-	-	-	-
12/11/2019	-	-	-	-	-
1/31/2020	-	-	-	-	-
2/3/2020	-	-	-	-	-
2/17/2020	-	-	-	-	-
2/24/2020	-	-	-	-	-
3/2/2020	-	-	-	-	-
3/11/2020	-	-	6.63	371.65	-
3/16/2020	-	-	6.63	371.65	-
3/23/2020	-	-	6.64	371.64	-
3/30/2020	-	-	6.64	371.64	-
4/13/2020	-	-	-	-	-
4/27/2020	-	-	6.64	371.64	-
5/11/2020	-	-	6.65	371.63	-
5/26/2020	-	-	-	-	-
6/15/2020	-	-	6.63	371.65	-
6/29/2020	-	-	6.62	371.66	-
7/27/2020	-	-	6.64	371.64	-
8/24/2020	-	-	6.66	371.62	-
9/21/2020	-	-	6.66	371.62	-
10/26/2020	-	-	6.62	371.66	-
11/23/2020	-	-	6.65	371.63	-
12/21/2020	-	-	-	-	-
1/25/2021	-	-	-	-	-
3/29/2021	-	-	6.66	371.62	-
4/6/2021	-	-	-	-	-
5/24/2021	-	-	6.67	371.61	-
6/1/2021	-	-	-	-	-
6/4/2021	-	-	-	-	-
6/7/2021	-	-	-	-	-
6/29/2021	-	-	-	-	-
7/7/2021	-	-	6.58	371.70	-
7/14/2021	-	-	-	-	-
7/21/2021	-	-	-	-	-
7/28/2021	-	-	-	-	-
8/4/2021	-	-	6.61	371.67	-
8/11/2021	-	-	-	-	-
8/18/2021	-	-	-	-	-
8/25/2021	-	-	-	-	-
9/8/2021	-	-	6.61	371.67	-
9/15/2021	-	-	-	-	-
9/22/2021	-	-	-	-	-
9/30/2021	-	-	-	-	-
10/4/2021	-	-	-	-	-
10/11/2021	-	-	-	-	-
10/18/2021	-	-	-	-	-
10/25/2021	-	-	-	-	-
11/1/2021	-	-	-	-	-
11/9/2021	-	-	-	-	-
11/23/2021	-	-	-	-	-
12/1/2021	-	-	-	-	-
12/6/2021	-	-	-	-	-
12/20/2021	-	-	-	-	-
1/12/2022	-	-	-	-	-
2/7/2022	-	-	6.62	371.66	-
3/10/2022	-	-	6.65	371.63	-

Notes:
-- No gauging occurred or no measurable apparent LNAPL thickness
bmp - Below measuring point (top of casing)
amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
SOUTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	A4				
	Southern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
6/6/2019	-	-	-	-	-
12/11/2019	-	-	-	-	-
1/31/2020	-	-	-	-	-
2/3/2020	-	-	-	-	-
2/17/2020	-	-	-	-	-
2/24/2020	-	-	-	-	-
3/2/2020	-	-	-	-	-
3/11/2020	-	-	-	-	-
3/16/2020	-	-	-	-	-
3/23/2020	-	-	-	-	-
3/30/2020	-	-	-	-	-
4/13/2020	-	-	-	-	-
4/27/2020	-	-	-	-	-
5/11/2020	-	-	-	-	-
5/26/2020	-	-	-	-	-
6/15/2020	-	-	-	-	-
6/29/2020	-	-	-	-	-
7/27/2020	-	-	-	-	-
8/24/2020	-	-	-	-	-
9/21/2020	-	-	-	-	-
10/26/2020	-	-	-	-	-
11/23/2020	-	-	-	-	-
12/21/2020	-	-	-	-	-
1/25/2021	-	-	-	-	-
3/29/2021	-	-	-	-	-
4/6/2021	-	-	-	-	-
5/24/2021	-	-	-	-	-
6/1/2021	-	-	-	-	-
6/4/2021	-	-	-	-	-
6/7/2021	-	-	-	-	-
6/29/2021	-	-	-	-	-
7/7/2021	-	-	-	-	-
7/14/2021	-	-	-	-	-
7/21/2021	-	-	-	-	-
7/28/2021	-	-	-	-	-
8/4/2021	-	-	-	-	-
8/11/2021	-	-	-	-	-
8/18/2021	-	-	-	-	-
8/25/2021	-	-	-	-	-
9/8/2021	-	-	-	-	-
9/15/2021	-	-	-	-	-
9/22/2021	-	-	-	-	-
9/30/2021	-	-	-	-	-
10/4/2021	-	-	-	-	-
10/11/2021	-	-	-	-	-
10/18/2021	-	-	-	-	-
10/25/2021	-	-	-	-	-
11/1/2021	-	-	-	-	-
11/9/2021	-	-	-	-	-
11/23/2021	-	-	-	-	-
12/1/2021	-	-	-	-	-
12/6/2021	-	-	-	-	-
12/20/2021	-	-	-	-	-
1/12/2022	-	-	-	-	-
2/7/2022	-	-	-	-	-
3/10/2022	-	-	-	-	-

Notes:
-- No gauging occurred or no measurable apparent LNAPL thickness
bmp - Below measuring point (top of casing)
amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
SOUTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	A5				
	Southern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
6/6/2019	-	-	-	-	-
12/11/2019	-	-	-	-	-
1/31/2020	-	-	-	-	-
2/3/2020	-	-	-	-	-
2/17/2020	-	-	-	-	-
2/24/2020	-	-	-	-	-
3/2/2020	-	-	-	-	-
3/11/2020	-	-	12.76	365.61	-
3/16/2020	-	-	13.06	365.31	-
3/23/2020	-	-	13.58	364.79	-
3/30/2020	-	-	12.99	365.38	-
4/13/2020	-	-	13.75	364.62	-
4/27/2020	-	-	13.97	364.40	-
5/11/2020	-	-	12.97	365.40	-
5/26/2020	-	-	-	-	-
6/15/2020	-	-	14.34	364.03	-
6/29/2020	-	-	14.51	363.86	-
7/27/2020	-	-	14.86	363.51	-
8/24/2020	-	-	15.26	363.11	-
9/21/2020	-	-	15.58	362.79	-
10/26/2020	-	-	15.37	363.00	-
11/23/2020	-	-	15.30	363.07	-
12/21/2020	-	-	-	-	-
1/25/2021	-	-	-	-	-
3/29/2021	-	-	14.60	363.77	-
4/6/2021	-	-	-	-	-
5/24/2021	-	-	15.00	363.37	-
6/1/2021	-	-	-	-	-
6/4/2021	-	-	-	-	-
6/7/2021	-	-	-	-	-
6/29/2021	-	-	-	-	-
7/7/2021	-	-	15.15	363.22	-
7/14/2021	-	-	-	-	-
7/21/2021	-	-	-	-	-
7/28/2021	-	-	-	-	-
8/4/2021	-	-	15.01	363.36	-
8/11/2021	-	-	-	-	-
8/18/2021	-	-	-	-	-
8/25/2021	-	-	-	-	-
9/8/2021	-	-	14.82	363.55	-
9/15/2021	-	-	-	-	-
9/22/2021	-	-	-	-	-
9/30/2021	-	-	-	-	-
10/4/2021	-	-	-	-	-
10/11/2021	-	-	-	-	-
10/18/2021	-	-	-	-	-
10/25/2021	-	-	-	-	-
11/1/2021	-	-	-	-	-
11/9/2021	-	-	-	-	-
11/23/2021	-	-	-	-	-
12/1/2021	-	-	-	-	-
12/6/2021	-	-	-	-	-
12/20/2021	-	-	13.34	365.03	-
1/12/2022	-	-	13.70	364.67	-
2/7/2022	-	-	14.44	363.93	-
3/10/2022	-	-	12.35	366.02	-

Notes:
-- No gauging occurred or no measurable apparent LNAPL thickness
bmp - Below measuring point (top of casing)
amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
SOUTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	A6				
	Southern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
6/6/2019	-	-	-	-	-
12/11/2019	-	-	-	-	-
1/31/2020	-	-	-	-	-
2/3/2020	-	-	-	-	-
2/17/2020	-	-	-	-	-
2/24/2020	-	-	-	-	-
3/2/2020	-	-	-	-	-
3/11/2020	-	-	11.95	366.21	-
3/16/2020	-	-	11.97	366.19	-
3/23/2020	-	-	11.99	366.17	-
3/30/2020	-	-	11.99	366.17	-
4/13/2020	-	-	11.97	366.19	-
4/27/2020	-	-	11.97	366.19	-
5/11/2020	-	-	11.98	366.18	-
5/26/2020	-	-	-	-	-
6/15/2020	-	-	12.00	366.16	-
6/29/2020	-	-	-	-	-
7/27/2020	-	-	12.00	366.16	-
8/24/2020	-	-	12.01	366.15	-
9/21/2020	-	-	12.06	366.10	-
10/26/2020	-	-	12.03	366.13	-
11/23/2020	-	-	12.00	366.16	-
12/21/2020	-	-	-	-	-
1/25/2021	-	-	-	-	-
3/29/2021	-	-	12.00	366.16	-
4/6/2021	-	-	-	-	-
5/24/2021	-	-	-	-	-
6/1/2021	-	-	-	-	-
6/4/2021	-	-	-	-	-
6/7/2021	-	-	-	-	-
6/29/2021	-	-	-	-	-
7/7/2021	-	-	-	-	-
7/14/2021	-	-	-	-	-
7/21/2021	-	-	-	-	-
7/28/2021	-	-	-	-	-
8/4/2021	-	-	12.00	366.16	-
8/11/2021	-	-	-	-	-
8/18/2021	-	-	-	-	-
8/25/2021	-	-	-	-	-
9/8/2021	-	-	11.93	366.23	-
9/15/2021	-	-	-	-	-
9/22/2021	-	-	-	-	-
9/30/2021	-	-	-	-	-
10/4/2021	-	-	-	-	-
10/11/2021	-	-	-	-	-
10/18/2021	-	-	-	-	-
10/25/2021	-	-	-	-	-
11/1/2021	-	-	-	-	-
11/9/2021	-	-	-	-	-
11/23/2021	-	-	-	-	-
12/1/2021	-	-	-	-	-
12/6/2021	-	-	-	-	-
12/20/2021	-	-	11.99	366.17	-
1/12/2022	-	-	12.00	366.16	-
2/7/2022	-	-	11.70	366.46	-
3/10/2022	-	-	11.79	366.37	-

Notes:
-- No gauging occurred or no measurable apparent LNAPL thickness
bmp - Below measuring point (top of casing)
amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
SOUTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	A7				
	Southern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
6/6/2019	-	-	-	-	-
12/11/2019	-	-	-	-	-
1/31/2020	-	-	-	-	-
2/3/2020	-	-	-	-	-
2/17/2020	-	-	-	-	-
2/24/2020	-	-	-	-	-
3/2/2020	-	-	-	-	-
3/11/2020	-	-	11.58	366.41	-
3/16/2020	-	-	11.58	366.41	-
3/23/2020	-	-	11.60	366.39	-
3/30/2020	-	-	11.59	366.40	-
4/13/2020	-	-	11.59	366.40	-
4/27/2020	-	-	11.59	366.40	-
5/11/2020	-	-	11.60	366.39	-
5/26/2020	-	-	-	-	-
6/15/2020	-	-	11.60	366.39	-
6/29/2020	-	-	-	-	-
7/27/2020	-	-	11.60	366.39	-
8/24/2020	-	-	11.60	366.39	-
9/21/2020	-	-	11.62	366.37	-
10/26/2020	-	-	11.63	366.36	-
11/23/2020	-	-	11.62	366.37	-
12/21/2020	-	-	-	-	-
1/25/2021	-	-	-	-	-
3/29/2021	-	-	11.62	366.37	-
4/6/2021	-	-	-	-	-
5/24/2021	-	-	11.61	366.38	-
6/1/2021	-	-	-	-	-
6/4/2021	-	-	-	-	-
6/7/2021	-	-	-	-	-
6/29/2021	-	-	-	-	-
7/7/2021	-	-	-	-	-
7/14/2021	-	-	-	-	-
7/21/2021	-	-	-	-	-
7/28/2021	-	-	-	-	-
8/4/2021	-	-	11.65	366.34	-
8/11/2021	-	-	-	-	-
8/18/2021	-	-	-	-	-
8/25/2021	-	-	-	-	-
9/8/2021	-	-	11.61	366.38	-
9/15/2021	-	-	-	-	-
9/22/2021	-	-	-	-	-
9/30/2021	-	-	-	-	-
10/4/2021	-	-	-	-	-
10/11/2021	-	-	-	-	-
10/18/2021	-	-	-	-	-
10/25/2021	-	-	-	-	-
11/1/2021	-	-	-	-	-
11/9/2021	-	-	-	-	-
11/23/2021	-	-	-	-	-
12/1/2021	-	-	-	-	-
12/6/2021	-	-	-	-	-
12/20/2021	-	-	11.66	366.33	-
1/12/2022	-	-	11.40	366.59	-
2/7/2022	-	-	-	-	-
3/10/2022	-	-	11.65	366.34	-

Notes:
-- No gauging occurred or no measurable apparent LNAPL thickness
bmp - Below measuring point (top of casing)
amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
SOUTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	A9				
	Southern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
6/6/2019	-	-	-	-	-
12/11/2019	-	-	-	-	-
1/31/2020	-	-	-	-	-
2/3/2020	-	-	-	-	-
2/17/2020	-	-	-	-	-
2/24/2020	-	-	-	-	-
3/2/2020	-	-	-	-	-
3/11/2020	-	-	11.15	365.52	-
3/16/2020	-	-	11.32	365.35	-
3/23/2020	-	-	11.85	364.82	-
3/30/2020	-	-	11.27	365.40	-
4/13/2020	-	-	12.00	364.67	-
4/27/2020	-	-	12.09	364.58	-
5/11/2020	-	-	11.25	365.42	-
5/26/2020	-	-	-	-	-
6/15/2020	-	-	12.63	364.04	-
6/29/2020	-	-	12.83	363.84	-
7/27/2020	-	-	13.16	363.51	-
8/24/2020	-	-	13.57	363.10	-
9/21/2020	-	-	13.85	362.82	-
10/26/2020	-	-	13.64	363.03	-
11/23/2020	-	-	13.59	363.08	-
12/21/2020	-	-	-	-	-
1/25/2021	-	-	-	-	-
3/29/2021	-	-	13.08	363.59	-
4/6/2021	-	-	-	-	-
5/24/2021	-	-	13.22	363.45	-
6/1/2021	-	-	-	-	-
6/4/2021	-	-	-	-	-
6/7/2021	-	-	-	-	-
6/29/2021	-	-	-	-	-
7/7/2021	-	-	13.44	363.23	-
7/14/2021	-	-	-	-	-
7/21/2021	-	-	-	-	-
7/28/2021	-	-	-	-	-
8/4/2021	-	-	13.28	363.39	-
8/11/2021	-	-	-	-	-
8/18/2021	-	-	-	-	-
8/25/2021	-	-	-	-	-
9/8/2021	-	-	13.06	363.61	-
9/15/2021	-	-	-	-	-
9/22/2021	-	-	-	-	-
9/30/2021	-	-	-	-	-
10/4/2021	-	-	-	-	-
10/11/2021	-	-	-	-	-
10/18/2021	-	-	-	-	-
10/25/2021	-	-	-	-	-
11/1/2021	-	-	-	-	-
11/9/2021	-	-	-	-	-
11/23/2021	-	-	-	-	-
12/1/2021	-	-	-	-	-
12/6/2021	-	-	-	-	-
12/20/2021	-	-	11.78	364.89	-
1/12/2022	-	-	12.03	364.64	-
2/7/2022	-	-	-	-	-
3/10/2022	-	-	11.15	365.52	-

Notes:
-- No gauging occurred or no measurable apparent LNAPL thickness
bmp - Below measuring point (top of casing)
amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
SOUTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	AMW1				
	Southern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
6/6/2019	-	-	-	-	-
12/11/2019	-	-	-	-	-
1/31/2020	-	-	-	-	-
2/3/2020	-	-	-	-	-
2/17/2020	-	-	-	-	-
2/24/2020	-	-	-	-	-
3/2/2020	-	-	-	-	-
3/11/2020	-	-	11.71	365.59	-
3/16/2020	-	-	11.87	365.43	-
3/23/2020	-	-	12.40	364.90	-
3/30/2020	-	-	11.32	365.98	-
4/13/2020	-	-	12.58	364.72	-
4/27/2020	-	-	12.81	364.49	-
5/11/2020	-	-	5.43	371.87	-
5/26/2020	-	-	-	-	-
6/15/2020	-	-	13.23	364.07	-
6/29/2020	-	-	13.44	363.86	-
7/27/2020	-	-	13.77	363.53	-
8/24/2020	-	-	14.15	363.15	-
9/21/2020	-	-	14.45	362.85	-
10/26/2020	-	-	14.26	363.04	-
11/23/2020	-	-	14.20	363.10	-
12/21/2020	-	-	-	-	-
1/25/2021	-	-	-	-	-
3/29/2021	-	-	13.65	363.65	-
4/6/2021	-	-	-	-	-
5/24/2021	-	-	10.67	366.63	-
6/1/2021	-	-	-	-	-
6/4/2021	-	-	-	-	-
6/7/2021	-	-	-	-	-
6/29/2021	-	-	-	-	-
7/7/2021	-	-	14.03	363.27	-
7/14/2021	-	-	-	-	-
7/21/2021	-	-	-	-	-
7/28/2021	-	-	-	-	-
8/4/2021	-	-	13.82	363.48	-
8/11/2021	-	-	-	-	-
8/18/2021	-	-	-	-	-
8/25/2021	-	-	-	-	-
9/8/2021	-	-	13.70	363.60	-
9/15/2021	-	-	-	-	-
9/22/2021	-	-	-	-	-
9/30/2021	-	-	-	-	-
10/4/2021	-	-	-	-	-
10/11/2021	-	-	-	-	-
10/18/2021	-	-	-	-	-
10/25/2021	-	-	-	-	-
11/1/2021	-	-	-	-	-
11/9/2021	-	-	-	-	-
11/23/2021	-	-	-	-	-
12/1/2021	-	-	-	-	-
12/6/2021	-	-	-	-	-
12/20/2021	-	-	12.53	364.77	-
1/12/2022	-	-	11.92	365.38	-
2/7/2022	-	-	13.38	363.92	-
3/10/2022	-	-	11.63	365.67	-

Notes:
-- No gauging occurred or no measurable apparent LNAPL thickness
bmp - Below measuring point (top of casing)
amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
SOUTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	AMW4				
	Southern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
6/6/2019	-	-	-	-	-
12/11/2019	-	-	-	-	-
1/31/2020	-	-	-	-	-
2/3/2020	-	-	-	-	-
2/17/2020	-	-	-	-	-
2/24/2020	-	-	-	-	-
3/2/2020	-	-	-	-	-
3/11/2020	-	-	10.48	367.95	-
3/16/2020	-	-	10.77	367.66	-
3/23/2020	-	-	11.20	367.23	-
3/30/2020	-	-	10.65	367.78	-
4/13/2020	-	-	11.08	367.35	-
4/27/2020	-	-	11.57	366.86	-
5/11/2020	-	-	10.69	367.74	-
5/26/2020	-	-	-	-	-
6/15/2020	-	-	11.91	366.52	-
6/29/2020	-	-	12.24	366.19	-
7/27/2020	-	-	12.82	365.61	-
8/24/2020	-	-	13.42	365.01	-
9/21/2020	-	-	-	-	-
10/26/2020	-	-	-	-	-
11/23/2020	-	-	-	-	-
12/21/2020	-	-	-	-	-
1/25/2021	-	-	-	-	-
3/29/2021	-	-	-	-	-
4/6/2021	-	-	-	-	-
5/24/2021	-	-	13.57	364.86	-
6/1/2021	-	-	-	-	-
6/4/2021	-	-	-	-	-
6/7/2021	-	-	-	-	-
6/29/2021	-	-	-	-	-
7/7/2021	-	-	13.90	364.53	-
7/14/2021	-	-	-	-	-
7/21/2021	-	-	-	-	-
7/28/2021	-	-	-	-	-
8/4/2021	-	-	13.51	364.92	-
8/11/2021	-	-	-	-	-
8/18/2021	-	-	-	-	-
8/25/2021	-	-	-	-	-
9/8/2021	-	-	13.08	365.35	-
9/15/2021	-	-	-	-	-
9/22/2021	-	-	-	-	-
9/30/2021	-	-	-	-	-
10/4/2021	-	-	-	-	-
10/11/2021	-	-	-	-	-
10/18/2021	-	-	-	-	-
10/25/2021	-	-	-	-	-
11/1/2021	-	-	-	-	-
11/9/2021	-	-	-	-	-
11/23/2021	-	-	-	-	-
12/1/2021	-	-	-	-	-
12/6/2021	-	-	-	-	-
12/20/2021	-	-	11.67	366.76	-
1/12/2022	-	-	11.83	366.60	-
2/7/2022	-	-	-	-	-
3/10/2022	-	-	10.47	367.96	-

Notes:
-- No gauging occurred or no measurable apparent LNAPL thickness
bmp - Below measuring point (top of casing)
amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
SOUTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	AMW7				
	Southern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
6/6/2019	-	-	-	-	-
12/11/2019	-	-	-	-	-
1/31/2020	-	-	-	-	-
2/3/2020	-	-	-	-	-
2/17/2020	-	-	10.65	364.66	-
2/24/2020	-	-	10.60	364.71	-
3/2/2020	-	-	10.23	365.08	-
3/11/2020	-	-	10.10	365.21	-
3/16/2020	-	-	10.42	364.89	-
3/23/2020	-	-	11.23	364.08	-
3/30/2020	-	-	10.84	364.47	-
4/13/2020	-	-	11.27	364.04	-
4/27/2020	-	-	11.40	363.91	-
5/11/2020	-	-	10.46	364.85	-
5/26/2020	-	-	-	-	-
6/15/2020	-	-	12.42	362.89	-
6/29/2020	-	-	12.52	362.79	-
7/27/2020	-	-	12.70	362.61	-
8/24/2020	-	-	12.88	362.43	-
9/21/2020	-	-	12.98	362.33	-
10/26/2020	-	-	11.79	363.52	-
11/23/2020	-	-	12.35	362.96	-
12/21/2020	-	-	12.17	363.14	-
1/25/2021	-	-	11.71	363.60	-
3/29/2021	-	-	11.50	363.81	-
4/6/2021	-	-	-	-	-
5/24/2021	-	-	12.32	362.99	-
6/1/2021	-	-	-	-	-
6/4/2021	-	-	-	-	-
6/7/2021	-	-	-	-	-
6/29/2021	-	-	-	-	-
7/7/2021	-	-	12.54	362.77	-
7/14/2021	-	-	-	-	-
7/21/2021	-	-	-	-	-
7/28/2021	-	-	-	-	-
8/4/2021	-	-	12.46	362.85	-
8/11/2021	-	-	-	-	-
8/18/2021	-	-	-	-	-
8/25/2021	-	-	-	-	-
9/8/2021	-	-	12.24	363.07	-
9/15/2021	-	-	-	-	-
9/22/2021	-	-	-	-	-
9/30/2021	-	-	-	-	-
10/4/2021	-	-	-	-	-
10/11/2021	-	-	-	-	-
10/18/2021	-	-	-	-	-
10/25/2021	-	-	-	-	-
11/1/2021	-	-	-	-	-
11/9/2021	-	-	-	-	-
11/23/2021	-	-	-	-	-
12/1/2021	-	-	-	-	-
12/6/2021	-	-	-	-	-
12/20/2021	-	-	10.14	365.17	-
1/12/2022	-	-	10.88	364.43	-
2/7/2022	-	-	-	-	-
3/10/2022	9.64	365.67	9.65	365.66	0.01

Notes:
-- No gauging occurred or no measurable apparent LNAPL thickness
bmp - Below measuring point (top of casing)
amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
SOUTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	AMW8				
	Southern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
6/6/2019	-	-	-	-	-
12/11/2019	-	-	-	-	-
1/31/2020	-	-	-	-	-
2/3/2020	-	-	-	-	-
2/17/2020	-	-	-	-	-
2/24/2020	-	-	-	-	-
3/2/2020	-	-	-	-	-
3/11/2020	-	-	11.22	367.30	-
3/16/2020	-	-	11.99	366.53	-
3/23/2020	-	-	13.27	365.25	-
3/30/2020	-	-	11.87	366.65	-
4/13/2020	-	-	12.68	365.84	-
4/27/2020	-	-	14.15	364.37	-
5/11/2020	-	-	12.90	365.62	-
5/26/2020	-	-	-	-	-
6/15/2020	-	-	14.52	364.00	-
6/29/2020	-	-	14.69	363.83	-
7/27/2020	-	-	14.98	363.54	-
8/24/2020	-	-	15.35	363.17	-
9/21/2020	-	-	15.65	362.87	-
10/26/2020	-	-	15.46	363.06	-
11/23/2020	-	-	15.37	363.15	-
12/21/2020	-	-	-	-	-
1/25/2021	-	-	-	-	-
3/29/2021	-	-	14.37	364.15	-
4/6/2021	-	-	-	-	-
5/24/2021	-	-	15.06	363.46	-
6/1/2021	-	-	-	-	-
6/4/2021	-	-	-	-	-
6/7/2021	-	-	-	-	-
6/29/2021	-	-	-	-	-
7/7/2021	-	-	15.26	363.26	-
7/14/2021	-	-	-	-	-
7/21/2021	-	-	-	-	-
7/28/2021	-	-	-	-	-
8/4/2021	-	-	15.06	363.46	-
8/11/2021	-	-	-	-	-
8/18/2021	-	-	-	-	-
8/25/2021	-	-	-	-	-
9/8/2021	-	-	14.89	363.63	-
9/15/2021	-	-	-	-	-
9/22/2021	-	-	-	-	-
9/30/2021	-	-	-	-	-
10/4/2021	-	-	-	-	-
10/11/2021	-	-	-	-	-
10/18/2021	-	-	-	-	-
10/25/2021	-	-	-	-	-
11/1/2021	-	-	-	-	-
11/9/2021	-	-	-	-	-
11/23/2021	-	-	-	-	-
12/1/2021	-	-	-	-	-
12/6/2021	-	-	-	-	-
12/20/2021	-	-	12.44	366.08	-
1/12/2022	-	-	13.65	364.87	-
2/7/2022	-	-	-	-	-
3/10/2022	-	-	10.92	367.60	-

Notes:
-- No gauging occurred or no measurable apparent LNAPL thickness
bmp - Below measuring point (top of casing)
amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
SOUTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	MW-10D				
	Southern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
6/6/2019	-	-	-	-	-
12/11/2019	-	-	-	-	-
1/31/2020	-	-	-	-	-
2/3/2020	-	-	-	-	-
2/17/2020	-	-	6.66	364.31	-
2/24/2020	-	-	6.76	364.21	-
3/2/2020	-	-	6.45	364.52	-
3/11/2020	-	-	6.30	364.67	-
3/16/2020	-	-	6.52	364.45	-
3/23/2020	-	-	7.03	363.94	-
3/30/2020	-	-	6.90	364.07	-
4/13/2020	-	-	7.40	363.57	-
4/27/2020	-	-	7.28	363.69	-
5/11/2020	-	-	6.26	364.71	-
5/26/2020	-	-	-	-	-
6/15/2020	-	-	7.71	363.26	-
6/29/2020	-	-	7.84	363.13	-
7/27/2020	-	-	7.92	363.05	-
8/24/2020	-	-	8.12	362.85	-
9/21/2020	-	-	8.27	362.70	-
10/26/2020	-	-	7.98	362.99	-
11/23/2020	-	-	7.92	363.05	-
12/21/2020	-	-	7.88	363.09	-
1/25/2021	-	-	7.85	363.12	-
3/29/2021	-	-	7.61	363.36	-
4/6/2021	-	-	-	-	-
5/24/2021	-	-	7.77	363.20	-
6/1/2021	-	-	-	-	-
6/4/2021	-	-	-	-	-
6/7/2021	-	-	-	-	-
6/29/2021	-	-	-	-	-
7/7/2021	-	-	7.80	363.17	-
7/14/2021	-	-	-	-	-
7/21/2021	-	-	-	-	-
7/28/2021	-	-	-	-	-
8/4/2021	-	-	7.79	363.18	-
8/11/2021	-	-	-	-	-
8/18/2021	-	-	-	-	-
8/25/2021	-	-	-	-	-
9/8/2021	-	-	7.56	363.41	-
9/15/2021	-	-	-	-	-
9/22/2021	-	-	-	-	-
9/30/2021	-	-	-	-	-
10/4/2021	-	-	-	-	-
10/11/2021	-	-	-	-	-
10/18/2021	-	-	-	-	-
10/25/2021	-	-	-	-	-
11/1/2021	-	-	-	-	-
11/9/2021	-	-	-	-	-
11/23/2021	-	-	-	-	-
12/1/2021	-	-	-	-	-
12/6/2021	-	-	-	-	-
12/20/2021	-	-	6.63	364.34	-
1/12/2022	-	-	6.81	364.16	-
2/7/2022	-	-	7.36	363.61	-
3/10/2022	-	-	6.12	364.85	-

Notes:
-- No gauging occurred or no measurable apparent LNAPL thickness
bmp - Below measuring point (top of casing)
amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
SOUTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	MW-101				
	Southern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
6/6/2019	-	-	-	-	-
12/11/2019	-	-	-	-	-
1/31/2020	-	-	-	-	-
2/3/2020	-	-	-	-	-
2/17/2020	-	-	6.73	364.18	-
2/24/2020	-	-	6.72	364.19	-
3/2/2020	-	-	6.41	364.50	-
3/11/2020	-	-	6.26	364.65	-
3/16/2020	-	-	6.57	364.34	-
3/23/2020	-	-	7.06	363.85	-
3/30/2020	-	-	6.86	364.05	-
4/13/2020	-	-	7.25	363.66	-
4/27/2020	-	-	7.23	363.68	-
5/11/2020	-	-	6.30	364.61	-
5/26/2020	-	-	-	-	-
6/15/2020	-	-	7.67	363.24	-
6/29/2020	-	-	7.80	363.11	-
7/27/2020	-	-	7.87	363.04	-
8/24/2020	-	-	8.08	362.83	-
9/21/2020	-	-	8.23	362.68	-
10/26/2020	-	-	7.95	362.96	-
11/23/2020	-	-	7.87	363.04	-
12/21/2020	-	-	7.83	363.08	-
1/25/2021	-	-	7.82	363.09	-
3/29/2021	-	-	7.56	363.35	-
4/6/2021	-	-	-	-	-
5/24/2021	-	-	7.67	363.24	-
6/1/2021	-	-	-	-	-
6/4/2021	-	-	-	-	-
6/7/2021	-	-	-	-	-
6/29/2021	-	-	-	-	-
7/7/2021	-	-	7.75	363.16	-
7/14/2021	-	-	-	-	-
7/21/2021	-	-	-	-	-
7/28/2021	-	-	-	-	-
8/4/2021	-	-	7.74	363.17	-
8/11/2021	-	-	-	-	-
8/18/2021	-	-	-	-	-
8/25/2021	-	-	-	-	-
9/8/2021	-	-	7.51	363.40	-
9/15/2021	-	-	-	-	-
9/22/2021	-	-	-	-	-
9/30/2021	-	-	-	-	-
10/4/2021	-	-	-	-	-
10/11/2021	-	-	-	-	-
10/18/2021	-	-	-	-	-
10/25/2021	-	-	-	-	-
11/1/2021	-	-	-	-	-
11/9/2021	-	-	-	-	-
11/23/2021	-	-	-	-	-
12/1/2021	-	-	-	-	-
12/6/2021	-	-	-	-	-
12/20/2021	-	-	6.58	364.33	-
1/12/2022	-	-	6.77	364.14	-
2/7/2022	-	-	7.33	363.58	-
3/10/2022	-	-	6.08	364.83	-

Notes:
-- No gauging occurred or no measurable apparent LNAPL thickness
bmp - Below measuring point (top of casing)
amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
SOUTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	MW-10S				
	Southern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
6/6/2019	-	-	-	-	-
12/11/2019	-	-	-	-	-
1/31/2020	-	-	-	-	-
2/3/2020	-	-	-	-	-
2/17/2020	-	-	7.07	364.60	-
2/24/2020	-	-	7.05	364.62	-
3/2/2020	-	-	6.77	364.90	-
3/11/2020	-	-	6.67	365.00	-
3/16/2020	-	-	6.87	364.80	-
3/23/2020	-	-	7.37	364.30	-
3/30/2020	-	-	7.13	364.54	-
4/13/2020	-	-	7.48	364.19	-
4/27/2020	-	-	7.60	364.07	-
5/11/2020	-	-	6.78	364.89	-
5/26/2020	-	-	-	-	-
6/15/2020	-	-	8.24	363.43	-
6/29/2020	-	-	8.48	363.19	-
7/27/2020	-	-	8.61	363.06	-
8/24/2020	-	-	8.87	362.80	-
9/21/2020	-	-	9.03	362.64	-
10/26/2020	-	-	8.67	363.00	-
11/23/2020	-	-	8.47	363.20	-
12/21/2020	-	-	8.83	362.84	-
1/25/2021	-	-	8.08	363.59	-
3/29/2021	-	-	7.42	364.25	-
4/6/2021	-	-	-	-	-
5/24/2021	-	-	8.11	363.56	-
6/1/2021	-	-	-	-	-
6/4/2021	-	-	-	-	-
6/7/2021	-	-	-	-	-
6/29/2021	-	-	-	-	-
7/7/2021	-	-	8.49	363.18	-
7/14/2021	-	-	-	-	-
7/21/2021	-	-	-	-	-
7/28/2021	-	-	-	-	-
8/4/2021	-	-	8.31	363.36	-
8/11/2021	-	-	-	-	-
8/18/2021	-	-	-	-	-
8/25/2021	-	-	-	-	-
9/8/2021	-	-	7.64	364.03	-
9/15/2021	-	-	-	-	-
9/22/2021	-	-	-	-	-
9/30/2021	-	-	-	-	-
10/4/2021	-	-	-	-	-
10/11/2021	-	-	-	-	-
10/18/2021	-	-	-	-	-
10/25/2021	-	-	-	-	-
11/1/2021	-	-	-	-	-
11/9/2021	-	-	-	-	-
11/23/2021	-	-	-	-	-
12/1/2021	-	-	-	-	-
12/6/2021	-	-	-	-	-
12/20/2021	-	-	6.05	365.62	-
1/12/2022	-	-	6.51	365.16	-
2/7/2022	-	-	7.65	364.02	-
3/10/2022	-	-	5.57	366.10	-

Notes:
-- No gauging occurred or no measurable apparent LNAPL thickness
bmp - Below measuring point (top of casing)
amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
SOUTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	MW-11D				
	Southern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
6/6/2019	NA	NA	NA	NA	NA
12/11/2019	NA	NA	NA	NA	NA
1/31/2020	NA	NA	NA	NA	NA
2/3/2020	NA	NA	NA	NA	NA
2/17/2020	NA	NA	NA	NA	NA
2/24/2020	NA	NA	NA	NA	NA
3/2/2020	NA	NA	NA	NA	NA
3/11/2020	NA	NA	NA	NA	NA
3/16/2020	NA	NA	NA	NA	NA
3/23/2020	NA	NA	NA	NA	NA
3/30/2020	NA	NA	NA	NA	NA
4/13/2020	NA	NA	NA	NA	NA
4/27/2020	NA	NA	NA	NA	NA
5/11/2020	NA	NA	NA	NA	NA
5/26/2020	NA	NA	NA	NA	NA
6/15/2020	-	-	11.70	-11.70	-
6/29/2020	-	-	11.63	-11.63	-
7/27/2020	-	-	11.78	-11.78	-
8/24/2020	-	-	11.83	-11.83	-
9/21/2020	-	-	11.94	-11.94	-
10/26/2020	-	-	11.66	-11.66	-
11/23/2020	-	-	11.62	-11.62	-
12/21/2020	-	-	11.66	-11.66	-
1/25/2021	-	-	11.77	-11.77	-
3/29/2021	-	-	11.48	-11.48	-
4/6/2021	-	-	-	-	-
5/24/2021	-	-	11.58	-11.58	-
6/1/2021	-	-	-	-	-
6/4/2021	-	-	-	-	-
6/7/2021	-	-	-	-	-
6/29/2021	-	-	-	-	-
7/7/2021	-	-	11.54	-11.54	-
7/14/2021	-	-	-	-	-
7/21/2021	-	-	-	-	-
7/28/2021	-	-	-	-	-
8/4/2021	-	-	11.63	-11.63	-
8/11/2021	-	-	-	-	-
8/18/2021	-	-	-	-	-
8/25/2021	-	-	-	-	-
9/8/2021	-	-	11.35	-11.35	-
9/15/2021	-	-	-	-	-
9/22/2021	-	-	-	-	-
9/30/2021	-	-	-	-	-
10/4/2021	-	-	-	-	-
10/11/2021	-	-	-	-	-
10/18/2021	-	-	-	-	-
10/25/2021	-	-	-	-	-
11/1/2021	-	-	-	-	-
11/9/2021	-	-	-	-	-
11/23/2021	-	-	-	-	-
12/1/2021	-	-	-	-	-
12/6/2021	-	-	-	-	-
12/20/2021	-	-	10.50	-10.50	-
1/12/2022	-	-	10.76	-10.76	-
2/7/2022	-	-	11.33	-11.33	-
3/10/2022	-	-	9.71	-9.71	-

Notes:
-- No gauging occurred or no measurable apparent LNAPL thickness
bmp - Below measuring point (top of casing)
amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
SOUTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	MW-11S				
	Southern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
6/6/2019	NA	NA	NA	NA	NA
12/11/2019	NA	NA	NA	NA	NA
1/31/2020	NA	NA	NA	NA	NA
2/3/2020	NA	NA	NA	NA	NA
2/17/2020	NA	NA	NA	NA	NA
2/24/2020	NA	NA	NA	NA	NA
3/2/2020	NA	NA	NA	NA	NA
3/11/2020	NA	NA	NA	NA	NA
3/16/2020	NA	NA	NA	NA	NA
3/23/2020	NA	NA	NA	NA	NA
3/30/2020	NA	NA	NA	NA	NA
4/13/2020	NA	NA	NA	NA	NA
4/27/2020	NA	NA	NA	NA	NA
5/11/2020	NA	NA	NA	NA	NA
5/26/2020	NA	NA	NA	NA	NA
6/15/2020	-	-	11.42	-11.42	-
6/29/2020	-	-	11.33	-11.33	-
7/27/2020	-	-	11.61	-11.61	-
8/24/2020	-	-	11.75	-11.75	-
9/21/2020	-	-	11.92	-11.92	-
10/26/2020	-	-	10.86	-10.86	-
11/23/2020	-	-	10.97	-10.97	-
12/21/2020	-	-	11.47	-11.47	-
1/25/2021	-	-	10.99	-10.99	-
3/29/2021	-	-	7.23	-7.23	-
4/6/2021	-	-	-	-	-
5/24/2021	-	-	11.38	-11.38	-
6/1/2021	-	-	-	-	-
6/4/2021	-	-	-	-	-
6/7/2021	-	-	-	-	-
6/29/2021	-	-	-	-	-
7/7/2021	-	-	10.83	-10.83	-
7/14/2021	-	-	-	-	-
7/21/2021	-	-	-	-	-
7/28/2021	-	-	-	-	-
8/4/2021	-	-	11.16	-11.16	-
8/11/2021	-	-	-	-	-
8/18/2021	-	-	-	-	-
8/25/2021	-	-	-	-	-
9/8/2021	-	-	11.22	-11.22	-
9/15/2021	-	-	-	-	-
9/22/2021	-	-	-	-	-
9/30/2021	-	-	-	-	-
10/4/2021	-	-	-	-	-
10/11/2021	-	-	-	-	-
10/18/2021	-	-	-	-	-
10/25/2021	-	-	-	-	-
11/1/2021	-	-	-	-	-
11/9/2021	-	-	-	-	-
11/23/2021	-	-	-	-	-
12/1/2021	-	-	-	-	-
12/6/2021	-	-	-	-	-
12/20/2021	-	-	9.12	-9.12	-
1/12/2022	-	-	10.26	-10.26	-
2/7/2022	-	-	11.17	-11.17	-
3/10/2022	-	-	7.89	-7.89	-

Notes:
-- No gauging occurred or no measurable apparent LNAPL thickness
bmp - Below measuring point (top of casing)
amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
SOUTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	MW-11SR				
	Southern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
6/6/2019	NA	NA	NA	NA	NA
12/11/2019	NA	NA	NA	NA	NA
1/31/2020	NA	NA	NA	NA	NA
2/3/2020	NA	NA	NA	NA	NA
2/17/2020	NA	NA	NA	NA	NA
2/24/2020	NA	NA	NA	NA	NA
3/2/2020	NA	NA	NA	NA	NA
3/11/2020	NA	NA	NA	NA	NA
3/16/2020	NA	NA	NA	NA	NA
3/23/2020	NA	NA	NA	NA	NA
3/30/2020	NA	NA	NA	NA	NA
4/13/2020	NA	NA	NA	NA	NA
4/27/2020	NA	NA	NA	NA	NA
5/11/2020	NA	NA	NA	NA	NA
5/26/2020	NA	NA	NA	NA	NA
6/15/2020	-	-	11.64	-11.64	-
6/29/2020	-	-	11.50	-11.50	-
7/27/2020	-	-	11.77	-11.77	-
8/24/2020	-	-	11.92	-11.92	-
9/21/2020	-	-	12.08	-12.08	-
10/26/2020	-	-	10.85	-10.85	-
11/23/2020	-	-	11.07	-11.07	-
12/21/2020	-	-	11.58	-11.58	-
1/25/2021	-	-	11.11	-11.11	-
3/29/2021	-	-	8.57	-8.57	-
4/6/2021	-	-	-	-	-
5/24/2021	-	-	11.53	-11.53	-
6/1/2021	-	-	-	-	-
6/4/2021	-	-	-	-	-
6/7/2021	-	-	-	-	-
6/29/2021	-	-	-	-	-
7/7/2021	-	-	10.68	-10.68	-
7/14/2021	-	-	-	-	-
7/21/2021	-	-	-	-	-
7/28/2021	-	-	-	-	-
8/4/2021	-	-	11.25	-11.25	-
8/11/2021	-	-	-	-	-
8/18/2021	-	-	-	-	-
8/25/2021	-	-	-	-	-
9/8/2021	-	-	11.37	-11.37	-
9/15/2021	-	-	-	-	-
9/22/2021	-	-	-	-	-
9/30/2021	-	-	-	-	-
10/4/2021	-	-	-	-	-
10/11/2021	-	-	-	-	-
10/18/2021	-	-	-	-	-
10/25/2021	-	-	-	-	-
11/1/2021	-	-	-	-	-
11/9/2021	-	-	-	-	-
11/23/2021	-	-	-	-	-
12/1/2021	-	-	-	-	-
12/6/2021	-	-	-	-	-
12/20/2021	-	-	9.26	-9.26	-
1/12/2022	-	-	10.33	-10.33	-
2/7/2022	-	-	11.26	-11.26	-
3/10/2022	-	-	8.60	-8.60	-

Notes:
-- No gauging occurred or no measurable apparent LNAPL thickness
bmp - Below measuring point (top of casing)
amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
SOUTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	MW-12D				
	Southern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
6/6/2019	NA	NA	NA	NA	NA
12/11/2019	NA	NA	NA	NA	NA
1/31/2020	NA	NA	NA	NA	NA
2/3/2020	NA	NA	NA	NA	NA
2/17/2020	NA	NA	NA	NA	NA
2/24/2020	NA	NA	NA	NA	NA
3/2/2020	NA	NA	NA	NA	NA
3/11/2020	NA	NA	NA	NA	NA
3/16/2020	NA	NA	NA	NA	NA
3/23/2020	NA	NA	NA	NA	NA
3/30/2020	NA	NA	NA	NA	NA
4/13/2020	NA	NA	NA	NA	NA
4/27/2020	NA	NA	NA	NA	NA
5/11/2020	NA	NA	NA	NA	NA
5/26/2020	NA	NA	NA	NA	NA
6/15/2020	-	-	16.49	-16.49	-
6/29/2020	-	-	16.64	-16.64	-
7/27/2020	-	-	16.94	-16.94	-
8/24/2020	-	-	17.27	-17.27	-
9/21/2020	-	-	17.55	-17.55	-
10/26/2020	-	-	17.36	-17.36	-
11/23/2020	-	-	17.33	-17.33	-
12/21/2020	-	-	17.32	-17.32	-
1/25/2021	-	-	17.25	-17.25	-
3/29/2021	-	-	17.06	-17.06	-
4/6/2021	-	-	-	-	-
5/24/2021	-	-	17.07	-17.07	-
6/1/2021	-	-	-	-	-
6/4/2021	-	-	-	-	-
6/7/2021	-	-	-	-	-
6/29/2021	-	-	-	-	-
7/7/2021	-	-	17.18	-17.18	-
7/14/2021	-	-	-	-	-
7/21/2021	-	-	-	-	-
7/28/2021	-	-	-	-	-
8/4/2021	-	-	17.08	-17.08	-
8/11/2021	-	-	-	-	-
8/18/2021	-	-	-	-	-
8/25/2021	-	-	-	-	-
9/8/2021	-	-	16.86	-16.86	-
9/15/2021	-	-	-	-	-
9/22/2021	-	-	-	-	-
9/30/2021	-	-	-	-	-
10/4/2021	-	-	-	-	-
10/11/2021	-	-	-	-	-
10/18/2021	-	-	-	-	-
10/25/2021	-	-	-	-	-
11/1/2021	-	-	-	-	-
11/9/2021	-	-	-	-	-
11/23/2021	-	-	-	-	-
12/1/2021	-	-	-	-	-
12/6/2021	-	-	-	-	-
12/20/2021	-	-	15.79	-15.79	-
1/12/2022	-	-	15.95	-15.95	-
2/7/2022	-	-	16.60	-16.60	-
3/10/2022	-	-	15.12	-15.12	-

Notes:
-- No gauging occurred or no measurable apparent LNAPL thickness
bmp - Below measuring point (top of casing)
amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
SOUTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	MW-12S				
	Southern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
6/6/2019	NA	NA	NA	NA	NA
12/11/2019	NA	NA	NA	NA	NA
1/31/2020	NA	NA	NA	NA	NA
2/3/2020	NA	NA	NA	NA	NA
2/17/2020	NA	NA	NA	NA	NA
2/24/2020	NA	NA	NA	NA	NA
3/2/2020	NA	NA	NA	NA	NA
3/11/2020	NA	NA	NA	NA	NA
3/16/2020	NA	NA	NA	NA	NA
3/23/2020	NA	NA	NA	NA	NA
3/30/2020	NA	NA	NA	NA	NA
4/13/2020	NA	NA	NA	NA	NA
4/27/2020	NA	NA	NA	NA	NA
5/11/2020	NA	NA	NA	NA	NA
5/26/2020	NA	NA	NA	NA	NA
6/15/2020	-	-	16.54	-16.54	-
6/29/2020	-	-	16.69	-16.69	-
7/27/2020	-	-	16.98	-16.98	-
8/24/2020	-	-	17.32	-17.32	-
9/21/2020	-	-	17.61	-17.61	-
10/26/2020	-	-	17.38	-17.38	-
11/23/2020	-	-	17.35	-17.35	-
12/21/2020	-	-	17.32	-17.32	-
1/25/2021	-	-	17.23	-17.23	-
3/29/2021	-	-	17.03	-17.03	-
4/6/2021	-	-	-	-	-
5/24/2021	-	-	17.05	-17.05	-
6/1/2021	-	-	-	-	-
6/4/2021	-	-	-	-	-
6/7/2021	-	-	-	-	-
6/29/2021	-	-	-	-	-
7/7/2021	-	-	17.21	-17.21	-
7/14/2021	-	-	-	-	-
7/21/2021	-	-	-	-	-
7/28/2021	-	-	-	-	-
8/4/2021	-	-	17.05	-17.05	-
8/11/2021	-	-	-	-	-
8/18/2021	-	-	-	-	-
8/25/2021	-	-	-	-	-
9/8/2021	-	-	16.86	-16.86	-
9/15/2021	-	-	-	-	-
9/22/2021	-	-	-	-	-
9/30/2021	-	-	-	-	-
10/4/2021	-	-	-	-	-
10/11/2021	-	-	-	-	-
10/18/2021	-	-	-	-	-
10/25/2021	-	-	-	-	-
11/1/2021	-	-	-	-	-
11/9/2021	-	-	-	-	-
11/23/2021	-	-	-	-	-
12/1/2021	-	-	-	-	-
12/6/2021	-	-	-	-	-
12/20/2021	-	-	15.68	-15.68	-
1/12/2022	-	-	15.88	-15.88	-
2/7/2022	-	-	16.68	-16.68	-
3/10/2022	-	-	14.55	-14.55	-

Notes:
-- No gauging occurred or no measurable apparent LNAPL thickness
bmp - Below measuring point (top of casing)
amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
SOUTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	MW-13D				
	Southern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
6/6/2019	NA	NA	NA	NA	NA
12/11/2019	NA	NA	NA	NA	NA
1/31/2020	NA	NA	NA	NA	NA
2/3/2020	NA	NA	NA	NA	NA
2/17/2020	NA	NA	NA	NA	NA
2/24/2020	NA	NA	NA	NA	NA
3/2/2020	NA	NA	NA	NA	NA
3/11/2020	NA	NA	NA	NA	NA
3/16/2020	NA	NA	NA	NA	NA
3/23/2020	NA	NA	NA	NA	NA
3/30/2020	NA	NA	NA	NA	NA
4/13/2020	NA	NA	NA	NA	NA
4/27/2020	NA	NA	NA	NA	NA
5/11/2020	NA	NA	NA	NA	NA
5/26/2020	NA	NA	NA	NA	NA
6/15/2020	-	-	17.62	-17.62	-
6/29/2020	-	-	17.82	-17.82	-
7/27/2020	-	-	18.16	-18.16	-
8/24/2020	-	-	18.58	-18.58	-
9/21/2020	-	-	18.90	-18.90	-
10/26/2020	-	-	18.75	-18.75	-
11/23/2020	-	-	18.75	-18.75	-
12/21/2020	-	-	18.72	-18.72	-
1/25/2021	-	-	18.62	-18.62	-
3/29/2021	-	-	18.48	-18.48	-
4/6/2021	-	-	-	-	-
5/24/2021	-	-	18.43	-18.43	-
6/1/2021	-	-	-	-	-
6/4/2021	-	-	-	-	-
6/7/2021	-	-	-	-	-
6/29/2021	-	-	-	-	-
7/7/2021	-	-	18.59	-18.59	-
7/14/2021	-	-	-	-	-
7/21/2021	-	-	-	-	-
7/28/2021	-	-	-	-	-
8/4/2021	-	-	18.46	-18.46	-
8/11/2021	-	-	-	-	-
8/18/2021	-	-	-	-	-
8/25/2021	-	-	-	-	-
9/8/2021	-	-	18.22	-18.22	-
9/15/2021	-	-	-	-	-
9/22/2021	-	-	-	-	-
9/30/2021	-	-	-	-	-
10/4/2021	-	-	-	-	-
10/11/2021	-	-	-	-	-
10/18/2021	-	-	-	-	-
10/25/2021	-	-	-	-	-
11/1/2021	-	-	-	-	-
11/9/2021	-	-	-	-	-
11/23/2021	-	-	-	-	-
12/1/2021	-	-	-	-	-
12/6/2021	-	-	-	-	-
12/20/2021	-	-	17.15	-17.15	-
1/12/2022	-	-	17.25	-17.25	-
2/7/2022	-	-	17.91	-17.91	-
3/10/2022	-	-	16.26	-16.26	-

Notes:
-- No gauging occurred or no measurable apparent LNAPL thickness
bmp - Below measuring point (top of casing)
amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
SOUTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	MW-13S				
	Southern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
6/6/2019	NA	NA	NA	NA	NA
12/11/2019	NA	NA	NA	NA	NA
1/31/2020	NA	NA	NA	NA	NA
2/3/2020	NA	NA	NA	NA	NA
2/17/2020	NA	NA	NA	NA	NA
2/24/2020	NA	NA	NA	NA	NA
3/2/2020	NA	NA	NA	NA	NA
3/11/2020	NA	NA	NA	NA	NA
3/16/2020	NA	NA	NA	NA	NA
3/23/2020	NA	NA	NA	NA	NA
3/30/2020	NA	NA	NA	NA	NA
4/13/2020	NA	NA	NA	NA	NA
4/27/2020	NA	NA	NA	NA	NA
5/11/2020	NA	NA	NA	NA	NA
5/26/2020	NA	NA	NA	NA	NA
6/15/2020	-	-	17.79	-17.79	-
6/29/2020	-	-	17.74	-17.74	-
7/27/2020	-	-	17.77	-17.77	-
8/24/2020	-	-	16.10	-16.10	-
9/21/2020	-	-	17.23	-17.23	-
10/26/2020	-	-	16.70	-16.70	-
11/23/2020	-	-	17.05	-17.05	-
12/21/2020	-	-	16.18	-16.18	-
1/25/2021	-	-	16.09	-16.09	-
3/29/2021	-	-	12.10	-12.10	-
4/6/2021	-	-	-	-	-
5/24/2021	-	-	15.34	-15.34	-
6/1/2021	-	-	-	-	-
6/4/2021	-	-	-	-	-
6/7/2021	-	-	-	-	-
6/29/2021	-	-	-	-	-
7/7/2021	-	-	15.15	-15.15	-
7/14/2021	-	-	-	-	-
7/21/2021	-	-	-	-	-
7/28/2021	-	-	-	-	-
8/4/2021	-	-	15.37	-15.37	-
8/11/2021	-	-	-	-	-
8/18/2021	-	-	-	-	-
8/25/2021	-	-	-	-	-
9/8/2021	-	-	15.32	-15.32	-
9/15/2021	-	-	-	-	-
9/22/2021	-	-	-	-	-
9/30/2021	-	-	-	-	-
10/4/2021	-	-	-	-	-
10/11/2021	-	-	-	-	-
10/18/2021	-	-	-	-	-
10/25/2021	-	-	-	-	-
11/1/2021	-	-	-	-	-
11/9/2021	-	-	-	-	-
11/23/2021	-	-	-	-	-
12/1/2021	-	-	-	-	-
12/6/2021	-	-	-	-	-
12/20/2021	-	-	13.76	-13.76	-
1/12/2022	-	-	14.83	-14.83	-
2/7/2022	-	-	15.58	-15.58	-
3/10/2022	-	-	12.03	-12.03	-

Notes:
-- No gauging occurred or no measurable apparent LNAPL thickness
bmp - Below measuring point (top of casing)
amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
SOUTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	MW-14				
	Southern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
6/6/2019	NA	NA	NA	NA	NA
12/11/2019	NA	NA	NA	NA	NA
1/31/2020	NA	NA	NA	NA	NA
2/3/2020	NA	NA	NA	NA	NA
2/17/2020	NA	NA	NA	NA	NA
2/24/2020	NA	NA	NA	NA	NA
3/2/2020	NA	NA	NA	NA	NA
3/11/2020	NA	NA	NA	NA	NA
3/16/2020	NA	NA	NA	NA	NA
3/23/2020	NA	NA	NA	NA	NA
3/30/2020	NA	NA	NA	NA	NA
4/13/2020	NA	NA	NA	NA	NA
4/27/2020	NA	NA	NA	NA	NA
5/11/2020	NA	NA	NA	NA	NA
5/26/2020	NA	NA	NA	NA	NA
6/15/2020	-	-	16.42	-16.42	-
6/29/2020	-	-	16.51	-16.51	-
7/27/2020	-	-	16.75	-16.75	-
8/24/2020	-	-	17.01	-17.01	-
9/21/2020	-	-	17.27	-17.27	-
10/26/2020	-	-	17.03	-17.03	-
11/23/2020	-	-	17.02	-17.02	-
12/21/2020	-	-	17.02	-17.02	-
1/25/2021	-	-	16.96	-16.96	-
3/29/2021	-	-	-	-	-
4/6/2021	-	-	-	-	-
5/24/2021	-	-	16.77	-16.77	-
6/1/2021	-	-	-	-	-
6/4/2021	-	-	-	-	-
6/7/2021	-	-	-	-	-
6/29/2021	-	-	-	-	-
7/7/2021	-	-	16.87	-16.87	-
7/14/2021	-	-	-	-	-
7/21/2021	-	-	-	-	-
7/28/2021	-	-	-	-	-
8/4/2021	-	-	16.76	-16.76	-
8/11/2021	-	-	-	-	-
8/18/2021	-	-	-	-	-
8/25/2021	-	-	-	-	-
9/8/2021	-	-	16.53	-16.53	-
9/15/2021	-	-	-	-	-
9/22/2021	-	-	-	-	-
9/30/2021	-	-	-	-	-
10/4/2021	-	-	-	-	-
10/11/2021	-	-	-	-	-
10/18/2021	-	-	-	-	-
10/25/2021	-	-	-	-	-
11/1/2021	-	-	-	-	-
11/9/2021	-	-	-	-	-
11/23/2021	-	-	-	-	-
12/1/2021	-	-	-	-	-
12/6/2021	-	-	-	-	-
12/20/2021	-	-	15.45	-15.45	-
1/12/2022	-	-	15.89	-15.89	-
2/7/2022	-	-	16.43	-16.43	-
3/10/2022	-	-	14.82	-14.82	-

Notes:
-- No gauging occurred or no measurable apparent LNAPL thickness
bmp - Below measuring point (top of casing)
amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
SOUTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	MW-15				
	Southern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
6/6/2019	NA	NA	NA	NA	NA
12/11/2019	NA	NA	NA	NA	NA
1/31/2020	NA	NA	NA	NA	NA
2/3/2020	NA	NA	NA	NA	NA
2/17/2020	NA	NA	NA	NA	NA
2/24/2020	NA	NA	NA	NA	NA
3/2/2020	NA	NA	NA	NA	NA
3/11/2020	NA	NA	NA	NA	NA
3/16/2020	NA	NA	NA	NA	NA
3/23/2020	NA	NA	NA	NA	NA
3/30/2020	NA	NA	NA	NA	NA
4/13/2020	NA	NA	NA	NA	NA
4/27/2020	NA	NA	NA	NA	NA
5/11/2020	NA	NA	NA	NA	NA
5/26/2020	NA	NA	NA	NA	NA
6/15/2020	-	-	16.25	-16.25	-
6/29/2020	-	-	16.49	-16.49	-
7/27/2020	-	-	16.87	-16.87	-
8/24/2020	-	-	17.35	-17.35	-
9/21/2020	-	-	17.76	-17.76	-
10/26/2020	-	-	17.68	-17.68	-
11/23/2020	-	-	17.69	-17.69	-
12/21/2020	-	-	-	-	-
1/25/2021	-	-	-	-	-
3/29/2021	-	-	-	-	-
4/6/2021	-	-	-	-	-
5/24/2021	-	-	17.87	-17.87	-
6/1/2021	-	-	-	-	-
6/4/2021	-	-	-	-	-
6/7/2021	-	-	-	-	-
6/29/2021	-	-	-	-	-
7/7/2021	-	-	18.11	-18.11	-
7/14/2021	-	-	-	-	-
7/21/2021	-	-	-	-	-
7/28/2021	-	-	-	-	-
8/4/2021	-	-	17.84	-17.84	-
8/11/2021	-	-	-	-	-
8/18/2021	-	-	-	-	-
8/25/2021	-	-	-	-	-
9/8/2021	-	-	17.63	-17.63	-
9/15/2021	-	-	-	-	-
9/22/2021	-	-	-	-	-
9/30/2021	-	-	-	-	-
10/4/2021	-	-	-	-	-
10/11/2021	-	-	-	-	-
10/18/2021	-	-	-	-	-
10/25/2021	-	-	-	-	-
11/1/2021	-	-	-	-	-
11/9/2021	-	-	-	-	-
11/23/2021	-	-	-	-	-
12/1/2021	-	-	-	-	-
12/6/2021	-	-	-	-	-
12/20/2021	-	-	16.33	-16.33	-
1/12/2022	-	-	16.54	-16.54	-
2/7/2022	-	-	17.38	-17.38	-
3/10/2022	-	-	12.25	-12.25	-

Notes:
-- No gauging occurred or no measurable apparent LNAPL thickness
bmp - Below measuring point (top of casing)
amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
SOUTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	MW-1D				
	Southern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
6/6/2019	-	-	-	-	-
12/11/2019	-	-	-	-	-
1/31/2020	-	-	-	-	-
2/3/2020	-	-	-	-	-
2/17/2020	-	-	9.42	364.02	-
2/24/2020	-	-	9.42	364.02	-
3/2/2020	-	-	9.10	364.34	-
3/11/2020	-	-	8.92	364.52	-
3/16/2020	-	-	9.14	364.30	-
3/23/2020	-	-	9.75	363.69	-
3/30/2020	-	-	9.58	363.86	-
4/13/2020	-	-	9.95	363.49	-
4/27/2020	-	-	9.97	363.47	-
5/11/2020	-	-	8.94	364.50	-
5/26/2020	-	-	-	-	-
6/15/2020	-	-	10.28	363.16	-
6/29/2020	-	-	10.32	363.12	-
7/27/2020	-	-	10.49	362.95	-
8/24/2020	-	-	10.67	362.77	-
9/21/2020	-	-	10.85	362.59	-
10/26/2020	-	-	10.60	362.84	-
11/23/2020	-	-	10.57	362.87	-
12/21/2020	-	-	10.57	362.87	-
1/25/2021	-	-	10.59	362.85	-
3/29/2021	-	-	10.36	363.08	-
4/6/2021	-	-	-	-	-
5/24/2021	-	-	10.41	363.03	-
6/1/2021	-	-	-	-	-
6/4/2021	-	-	-	-	-
6/7/2021	-	-	-	-	-
6/29/2021	-	-	-	-	-
7/7/2021	-	-	10.42	363.02	-
7/14/2021	-	-	-	-	-
7/21/2021	-	-	-	-	-
7/28/2021	-	-	-	-	-
8/4/2021	-	-	10.46	362.98	-
8/11/2021	-	-	-	-	-
8/18/2021	-	-	-	-	-
8/25/2021	-	-	-	-	-
9/8/2021	-	-	10.20	363.24	-
9/15/2021	-	-	-	-	-
9/22/2021	-	-	-	-	-
9/30/2021	-	-	-	-	-
10/4/2021	-	-	-	-	-
10/11/2021	-	-	-	-	-
10/18/2021	-	-	-	-	-
10/25/2021	-	-	-	-	-
11/1/2021	-	-	-	-	-
11/9/2021	-	-	-	-	-
11/23/2021	-	-	-	-	-
12/1/2021	-	-	-	-	-
12/6/2021	-	-	-	-	-
12/20/2021	-	-	9.26	364.18	-
1/12/2022	-	-	9.49	363.95	-
2/7/2022	-	-	10.06	363.38	-
3/10/2022	-	-	8.75	364.69	-

Notes:
-- No gauging occurred or no measurable apparent LNAPL thickness
bmp - Below measuring point (top of casing)
amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
SOUTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	MW-2D				
	Southern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
6/6/2019	-	-	-	-	-
12/11/2019	-	-	-	-	-
1/31/2020	-	-	-	-	-
2/3/2020	-	-	-	-	-
2/17/2020	-	-	10.17	364.21	-
2/24/2020	-	-	10.18	364.20	-
3/2/2020	-	-	9.83	364.55	-
3/11/2020	-	-	9.61	364.77	-
3/16/2020	-	-	9.83	364.55	-
3/23/2020	-	-	10.42	363.96	-
3/30/2020	-	-	10.25	364.13	-
4/13/2020	-	-	10.60	363.78	-
4/27/2020	-	-	10.65	363.73	-
5/11/2020	-	-	9.66	364.72	-
5/26/2020	-	-	-	-	-
6/15/2020	-	-	11.00	363.38	-
6/29/2020	-	-	11.08	363.30	-
7/27/2020	-	-	11.30	363.08	-
8/24/2020	-	-	11.51	362.87	-
9/21/2020	-	-	11.73	362.65	-
10/26/2020	-	-	11.46	362.92	-
11/23/2020	-	-	11.45	362.93	-
12/21/2020	-	-	11.42	362.96	-
1/25/2021	-	-	11.42	362.96	-
3/29/2021	-	-	11.21	363.17	-
4/6/2021	-	-	-	-	-
5/24/2021	-	-	11.27	363.11	-
6/1/2021	-	-	-	-	-
6/4/2021	-	-	-	-	-
6/7/2021	-	-	-	-	-
6/29/2021	-	-	-	-	-
7/7/2021	-	-	11.28	363.10	-
7/14/2021	-	-	-	-	-
7/21/2021	-	-	-	-	-
7/28/2021	-	-	-	-	-
8/4/2021	-	-	11.30	363.08	-
8/11/2021	-	-	-	-	-
8/18/2021	-	-	-	-	-
8/25/2021	-	-	-	-	-
9/8/2021	-	-	11.06	363.32	-
9/15/2021	-	-	-	-	-
9/22/2021	-	-	-	-	-
9/30/2021	-	-	-	-	-
10/4/2021	-	-	-	-	-
10/11/2021	-	-	-	-	-
10/18/2021	-	-	-	-	-
10/25/2021	-	-	-	-	-
11/1/2021	-	-	-	-	-
11/9/2021	-	-	-	-	-
11/23/2021	-	-	-	-	-
12/1/2021	-	-	-	-	-
12/6/2021	-	-	-	-	-
12/20/2021	-	-	10.05	364.33	-
1/12/2022	-	-	10.26	364.12	-
2/7/2022	-	-	10.85	363.53	-
3/10/2022	-	-	9.50	364.88	-

Notes:
-- No gauging occurred or no measurable apparent LNAPL thickness
bmp - Below measuring point (top of casing)
amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
SOUTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	MW-3D				
	Southern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
6/6/2019	-	-	-	-	-
12/11/2019	-	-	-	-	-
1/31/2020	-	-	-	-	-
2/3/2020	-	-	-	-	-
2/17/2020	-	-	9.58	364.15	-
2/24/2020	-	-	9.56	364.17	-
3/2/2020	-	-	9.24	364.49	-
3/11/2020	-	-	9.04	364.69	-
3/16/2020	-	-	9.25	364.48	-
3/23/2020	-	-	9.86	363.87	-
3/30/2020	-	-	9.67	364.06	-
4/13/2020	-	-	10.06	363.67	-
4/27/2020	-	-	10.09	363.64	-
5/11/2020	-	-	9.08	364.65	-
5/26/2020	-	-	-	-	-
6/15/2020	-	-	10.45	363.28	-
6/29/2020	-	-	10.50	363.23	-
7/27/2020	-	-	10.71	363.02	-
8/24/2020	-	-	10.91	362.82	-
9/21/2020	-	-	11.10	362.63	-
10/26/2020	-	-	10.82	362.91	-
11/23/2020	-	-	10.82	362.91	-
12/21/2020	-	-	10.80	362.93	-
1/25/2021	-	-	10.80	362.93	-
3/29/2021	-	-	10.57	363.16	-
4/6/2021	-	-	-	-	-
5/24/2021	-	-	10.64	363.09	-
6/1/2021	-	-	-	-	-
6/4/2021	-	-	-	-	-
6/7/2021	-	-	-	-	-
6/29/2021	-	-	-	-	-
7/7/2021	-	-	10.66	363.07	-
7/14/2021	-	-	-	-	-
7/21/2021	-	-	-	-	-
7/28/2021	-	-	-	-	-
8/4/2021	-	-	10.70	363.03	-
8/11/2021	-	-	-	-	-
8/18/2021	-	-	-	-	-
8/25/2021	-	-	-	-	-
9/8/2021	-	-	10.45	363.28	-
9/15/2021	-	-	-	-	-
9/22/2021	-	-	-	-	-
9/30/2021	-	-	-	-	-
10/4/2021	-	-	-	-	-
10/11/2021	-	-	-	-	-
10/18/2021	-	-	-	-	-
10/25/2021	-	-	-	-	-
11/1/2021	-	-	-	-	-
11/9/2021	-	-	-	-	-
11/23/2021	-	-	-	-	-
12/1/2021	-	-	-	-	-
12/6/2021	-	-	-	-	-
12/20/2021	-	-	9.47	364.26	-
1/12/2022	-	-	9.66	364.07	-
2/7/2022	-	-	10.25	363.48	-
3/10/2022	-	-	8.91	364.82	-

Notes:
-- No gauging occurred or no measurable apparent LNAPL thickness
bmp - Below measuring point (top of casing)
amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
SOUTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	MW-3S				
	Southern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
6/6/2019	-	-	-	-	-
12/11/2019	-	-	-	-	-
1/31/2020	-	-	-	-	-
2/3/2020	-	-	-	-	-
2/17/2020	-	-	9.15	364.61	-
2/24/2020	-	-	9.12	364.64	-
3/2/2020	-	-	8.79	364.97	-
3/11/2020	-	-	8.69	365.07	-
3/16/2020	-	-	8.95	364.81	-
3/23/2020	-	-	9.53	364.23	-
3/30/2020	-	-	9.20	364.56	-
4/13/2020	-	-	9.66	364.10	-
4/27/2020	-	-	9.78	363.98	-
5/11/2020	-	-	8.86	364.90	-
5/26/2020	-	-	-	-	-
6/15/2020	-	-	10.47	363.29	-
6/29/2020	-	-	10.53	363.23	-
7/27/2020	-	-	10.72	363.04	-
8/24/2020	-	-	10.96	362.80	-
9/21/2020	-	-	11.15	362.61	-
10/26/2020	-	-	10.75	363.01	-
11/23/2020	-	-	10.69	363.07	-
12/21/2020	-	-	10.58	363.18	-
1/25/2021	-	-	10.47	363.29	-
3/29/2021	-	-	10.14	363.62	-
4/6/2021	-	-	-	-	-
5/24/2021	-	-	10.54	363.22	-
6/1/2021	-	-	-	-	-
6/4/2021	-	-	-	-	-
6/7/2021	-	-	-	-	-
6/29/2021	-	-	-	-	-
7/7/2021	-	-	10.61	363.15	-
7/14/2021	-	-	-	-	-
7/21/2021	-	-	-	-	-
7/28/2021	-	-	-	-	-
8/4/2021	-	-	10.59	363.17	-
8/11/2021	-	-	-	-	-
8/18/2021	-	-	-	-	-
8/25/2021	-	-	-	-	-
9/8/2021	-	-	10.44	363.32	-
9/15/2021	-	-	-	-	-
9/22/2021	-	-	-	-	-
9/30/2021	-	-	-	-	-
10/4/2021	-	-	-	-	-
10/11/2021	-	-	-	-	-
10/18/2021	-	-	-	-	-
10/25/2021	-	-	-	-	-
11/1/2021	-	-	-	-	-
11/9/2021	-	-	-	-	-
11/23/2021	-	-	-	-	-
12/1/2021	-	-	-	-	-
12/6/2021	-	-	-	-	-
12/20/2021	-	-	8.92	364.84	-
1/12/2022	-	-	9.23	364.53	-
2/7/2022	-	-	10.04	363.72	-
3/10/2022	-	-	8.44	365.32	-

Notes:
-- No gauging occurred or no measurable apparent LNAPL thickness
bmp - Below measuring point (top of casing)
amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
SOUTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	MW-4D				
	Southern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
6/6/2019	-	-	-	-	-
12/11/2019	-	-	-	-	-
1/31/2020	-	-	-	-	-
2/3/2020	-	-	-	-	-
2/17/2020	-	-	13.63	364.69	-
2/24/2020	-	-	13.60	364.72	-
3/2/2020	-	-	13.29	365.03	-
3/11/2020	-	-	13.03	365.29	-
3/16/2020	-	-	13.21	365.11	-
3/23/2020	-	-	13.78	364.54	-
3/30/2020	-	-	13.63	364.69	-
4/13/2020	-	-	13.97	364.35	-
4/27/2020	-	-	14.09	364.23	-
5/11/2020	-	-	13.11	365.21	-
5/26/2020	-	-	-	-	-
6/15/2020	-	-	14.50	363.82	-
6/29/2020	-	-	14.66	363.66	-
7/27/2020	-	-	14.96	363.36	-
8/24/2020	-	-	15.33	362.99	-
9/21/2020	-	-	15.55	362.77	-
10/26/2020	-	-	15.30	363.02	-
11/23/2020	-	-	15.28	363.04	-
12/21/2020	-	-	15.25	363.07	-
1/25/2021	-	-	15.17	363.15	-
3/29/2021	-	-	14.97	363.35	-
4/6/2021	-	-	-	-	-
5/24/2021	-	-	15.00	363.32	-
6/1/2021	-	-	-	-	-
6/4/2021	-	-	-	-	-
6/7/2021	-	-	-	-	-
6/29/2021	-	-	-	-	-
7/7/2021	-	-	15.13	363.19	-
7/14/2021	-	-	-	-	-
7/21/2021	-	-	-	-	-
7/28/2021	-	-	-	-	-
8/4/2021	-	-	15.05	363.27	-
8/11/2021	-	-	-	-	-
8/18/2021	-	-	-	-	-
8/25/2021	-	-	-	-	-
9/8/2021	-	-	14.84	363.48	-
9/15/2021	-	-	-	-	-
9/22/2021	-	-	-	-	-
9/30/2021	-	-	-	-	-
10/4/2021	-	-	-	-	-
10/11/2021	-	-	-	-	-
10/18/2021	-	-	-	-	-
10/25/2021	-	-	-	-	-
11/1/2021	-	-	-	-	-
11/9/2021	-	-	-	-	-
11/23/2021	-	-	-	-	-
12/1/2021	-	-	-	-	-
12/6/2021	-	-	-	-	-
12/20/2021	-	-	13.72	364.60	-
1/12/2022	-	-	13.85	364.47	-
2/7/2022	-	-	14.48	363.84	-
3/10/2022	-	-	13.00	365.32	-

Notes:
-- No gauging occurred or no measurable apparent LNAPL thickness
bmp - Below measuring point (top of casing)
amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
SOUTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	MW-4S				
	Southern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
6/6/2019	-	-	-	-	-
12/11/2019	-	-	-	-	-
1/31/2020	-	-	-	-	-
2/3/2020	-	-	-	-	-
2/17/2020	-	-	13.28	365.04	-
2/24/2020	-	-	13.17	365.15	-
3/2/2020	-	-	12.85	365.47	-
3/11/2020	-	-	12.66	365.66	-
3/16/2020	-	-	12.93	365.39	-
3/23/2020	-	-	13.45	364.87	-
3/30/2020	-	-	13.04	365.28	-
4/13/2020	-	-	13.61	364.71	-
4/27/2020	-	-	13.76	364.56	-
5/11/2020	-	-	12.87	365.45	-
5/26/2020	-	-	-	-	-
6/15/2020	-	-	14.41	363.91	-
6/29/2020	-	-	14.50	363.82	-
7/27/2020	-	-	14.85	363.47	-
8/24/2020	-	-	15.27	363.05	-
9/21/2020	-	-	15.53	362.79	-
10/26/2020	-	-	15.07	363.25	-
11/23/2020	-	-	15.15	363.17	-
12/21/2020	-	-	15.18	363.14	-
1/25/2021	-	-	15.01	363.31	-
3/29/2021	-	-	14.69	363.63	-
4/6/2021	-	-	-	-	-
5/24/2021	-	-	14.90	363.42	-
6/1/2021	-	-	-	-	-
6/4/2021	-	-	-	-	-
6/7/2021	-	-	-	-	-
6/29/2021	-	-	-	-	-
7/7/2021	-	-	14.95	363.37	-
7/14/2021	-	-	-	-	-
7/21/2021	-	-	-	-	-
7/28/2021	-	-	-	-	-
8/4/2021	-	-	14.82	363.50	-
8/11/2021	-	-	-	-	-
8/18/2021	-	-	-	-	-
8/25/2021	-	-	-	-	-
9/8/2021	-	-	14.79	363.53	-
9/15/2021	-	-	-	-	-
9/22/2021	-	-	-	-	-
9/30/2021	-	-	-	-	-
10/4/2021	-	-	-	-	-
10/11/2021	-	-	-	-	-
10/18/2021	-	-	-	-	-
10/25/2021	-	-	-	-	-
11/1/2021	-	-	-	-	-
11/9/2021	-	-	-	-	-
11/23/2021	-	-	-	-	-
12/1/2021	-	-	-	-	-
12/6/2021	-	-	-	-	-
12/20/2021	-	-	13.31	365.01	-
1/12/2022	13.56	364.76	13.57	364.75	0.01
2/7/2022	14.40	363.92	14.41	363.91	0.01
3/10/2022	-	-	12.55	365.77	-

Notes:
-- No gauging occurred or no measurable apparent LNAPL thickness
bmp - Below measuring point (top of casing)
amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
SOUTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	MW-5DR				
	Southern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
6/6/2019	NA	NA	NA	NA	NA
12/11/2019	NA	NA	NA	NA	NA
1/31/2020	NA	NA	NA	NA	NA
2/3/2020	NA	NA	NA	NA	NA
2/17/2020	NA	NA	NA	NA	NA
2/24/2020	NA	NA	NA	NA	NA
3/2/2020	NA	NA	NA	NA	NA
3/11/2020	NA	NA	NA	NA	NA
3/16/2020	NA	NA	NA	NA	NA
3/23/2020	NA	NA	NA	NA	NA
3/30/2020	NA	NA	NA	NA	NA
4/13/2020	NA	NA	NA	NA	NA
4/27/2020	NA	NA	NA	NA	NA
5/11/2020	NA	NA	NA	NA	NA
5/26/2020	NA	NA	NA	NA	NA
6/15/2020	-	-	8.94	-8.94	-
6/29/2020	-	-	9.18	-9.18	-
7/27/2020	-	-	9.33	-9.33	-
8/24/2020	-	-	9.62	-9.62	-
9/21/2020	-	-	9.83	-9.83	-
10/26/2020	-	-	9.52	-9.52	-
11/23/2020	-	-	9.51	-9.51	-
12/21/2020	-	-	9.48	-9.48	-
1/25/2021	-	-	9.40	-9.40	-
3/29/2021	-	-	9.18	-9.18	-
4/6/2021	-	-	-	-	-
5/24/2021	-	-	9.25	-9.25	-
6/1/2021	-	-	-	-	-
6/4/2021	-	-	-	-	-
6/7/2021	-	-	-	-	-
6/29/2021	-	-	-	-	-
7/7/2021	-	-	9.36	-9.36	-
7/14/2021	-	-	-	-	-
7/21/2021	-	-	-	-	-
7/28/2021	-	-	-	-	-
8/4/2021	-	-	9.31	-9.31	-
8/11/2021	-	-	-	-	-
8/18/2021	-	-	-	-	-
8/25/2021	-	-	-	-	-
9/8/2021	-	-	9.10	-9.10	-
9/15/2021	-	-	-	-	-
9/22/2021	-	-	-	-	-
9/30/2021	-	-	-	-	-
10/4/2021	-	-	-	-	-
10/11/2021	-	-	-	-	-
10/18/2021	-	-	-	-	-
10/25/2021	-	-	-	-	-
11/1/2021	-	-	-	-	-
11/9/2021	-	-	-	-	-
11/23/2021	-	-	-	-	-
12/1/2021	-	-	-	-	-
12/6/2021	-	-	-	-	-
12/20/2021	-	-	7.97	-7.97	-
1/12/2022	-	-	8.15	-8.15	-
2/7/2022	-	-	8.76	-8.76	-
3/10/2022	-	-	7.36	-7.36	-

Notes:
-- No gauging occurred or no measurable apparent LNAPL thickness
bmp - Below measuring point (top of casing)
amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
SOUTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	MW-7D				
	Southern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
6/6/2019	-	-	-	-	-
12/11/2019	-	-	-	-	-
1/31/2020	-	-	-	-	-
2/3/2020	-	-	-	-	-
2/17/2020	-	-	7.78	364.19	-
2/24/2020	-	-	7.76	364.21	-
3/2/2020	-	-	7.45	364.52	-
3/11/2020	-	-	7.26	364.71	-
3/16/2020	-	-	7.45	364.52	-
3/23/2020	-	-	8.07	363.90	-
3/30/2020	-	-	7.89	364.08	-
4/13/2020	-	-	8.27	363.70	-
4/27/2020	-	-	8.28	363.69	-
5/11/2020	-	-	7.30	364.67	-
5/26/2020	-	-	-	-	-
6/15/2020	-	-	8.67	363.30	-
6/29/2020	-	-	8.83	363.14	-
7/27/2020	-	-	8.92	363.05	-
8/24/2020	-	-	9.15	362.82	-
9/21/2020	-	-	9.32	362.65	-
10/26/2020	-	-	9.03	362.94	-
11/23/2020	-	-	9.04	362.93	-
12/21/2020	-	-	9.01	362.96	-
1/25/2021	-	-	9.00	362.97	-
3/29/2021	-	-	8.78	363.19	-
4/6/2021	-	-	-	-	-
5/24/2021	-	-	8.85	363.12	-
6/1/2021	-	-	-	-	-
6/4/2021	-	-	-	-	-
6/7/2021	-	-	-	-	-
6/29/2021	-	-	-	-	-
7/7/2021	-	-	8.90	363.07	-
7/14/2021	-	-	-	-	-
7/21/2021	-	-	-	-	-
7/28/2021	-	-	-	-	-
8/4/2021	-	-	8.90	363.07	-
8/11/2021	-	-	-	-	-
8/18/2021	-	-	-	-	-
8/25/2021	-	-	-	-	-
9/8/2021	-	-	8.67	363.30	-
9/15/2021	-	-	-	-	-
9/22/2021	-	-	-	-	-
9/30/2021	-	-	-	-	-
10/4/2021	-	-	-	-	-
10/11/2021	-	-	-	-	-
10/18/2021	-	-	-	-	-
10/25/2021	-	-	-	-	-
11/1/2021	-	-	-	-	-
11/9/2021	-	-	-	-	-
11/23/2021	-	-	-	-	-
12/1/2021	-	-	-	-	-
12/6/2021	-	-	-	-	-
12/20/2021	-	-	7.66	364.31	-
1/12/2022	-	-	7.86	364.11	-
2/7/2022	-	-	8.45	363.52	-
3/10/2022	-	-	7.10	364.87	-

Notes:
-- No gauging occurred or no measurable apparent LNAPL thickness
bmp - Below measuring point (top of casing)
amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
SOUTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	MW-8D				
	Southern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
6/6/2019	NA	NA	NA	NA	NA
12/11/2019	NA	NA	NA	NA	NA
1/31/2020	NA	NA	NA	NA	NA
2/3/2020	NA	NA	NA	NA	NA
2/17/2020	NA	NA	NA	NA	NA
2/24/2020	NA	NA	NA	NA	NA
3/2/2020	NA	NA	NA	NA	NA
3/11/2020	NA	NA	NA	NA	NA
3/16/2020	NA	NA	NA	NA	NA
3/23/2020	NA	NA	NA	NA	NA
3/30/2020	NA	NA	NA	NA	NA
4/13/2020	NA	NA	NA	NA	NA
4/27/2020	NA	NA	NA	NA	NA
5/11/2020	NA	NA	NA	NA	NA
5/26/2020	NA	NA	NA	NA	NA
6/15/2020	-	-	8.45	-8.45	-
6/29/2020	-	-	8.62	-8.62	-
7/27/2020	-	-	8.71	-8.71	-
8/24/2020	-	-	8.91	-8.91	-
9/21/2020	-	-	9.08	-9.08	-
10/26/2020	-	-	8.77	-8.77	-
11/23/2020	-	-	8.77	-8.77	-
12/21/2020	-	-	8.73	-8.73	-
1/25/2021	-	-	8.71	-8.71	-
3/29/2021	-	-	8.48	-8.48	-
4/6/2021	-	-	-	-	-
5/24/2021	-	-	8.57	-8.57	-
6/1/2021	-	-	-	-	-
6/4/2021	-	-	-	-	-
6/7/2021	-	-	-	-	-
6/29/2021	-	-	-	-	-
7/7/2021	-	-	8.64	-8.64	-
7/14/2021	-	-	-	-	-
7/21/2021	-	-	-	-	-
7/28/2021	-	-	-	-	-
8/4/2021	-	-	8.62	-8.62	-
8/11/2021	-	-	-	-	-
8/18/2021	-	-	-	-	-
8/25/2021	-	-	-	-	-
9/8/2021	-	-	8.39	-8.39	-
9/15/2021	-	-	-	-	-
9/22/2021	-	-	-	-	-
9/30/2021	-	-	-	-	-
10/4/2021	-	-	-	-	-
10/11/2021	-	-	-	-	-
10/18/2021	-	-	-	-	-
10/25/2021	-	-	-	-	-
11/1/2021	-	-	-	-	-
11/9/2021	-	-	-	-	-
11/23/2021	-	-	-	-	-
12/1/2021	-	-	-	-	-
12/6/2021	-	-	-	-	-
12/20/2021	-	-	7.39	-7.39	-
1/12/2022	-	-	7.60	-7.60	-
2/7/2022	-	-	8.18	-8.18	-
3/10/2022	-	-	6.85	-6.85	-

Notes:
-- No gauging occurred or no measurable apparent LNAPL thickness
bmp - Below measuring point (top of casing)
amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
SOUTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	MW-8S				
	Southern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
6/6/2019	NA	NA	NA	NA	NA
12/11/2019	NA	NA	NA	NA	NA
1/31/2020	NA	NA	NA	NA	NA
2/3/2020	NA	NA	NA	NA	NA
2/17/2020	NA	NA	NA	NA	NA
2/24/2020	NA	NA	NA	NA	NA
3/2/2020	NA	NA	NA	NA	NA
3/11/2020	NA	NA	NA	NA	NA
3/16/2020	NA	NA	NA	NA	NA
3/23/2020	NA	NA	NA	NA	NA
3/30/2020	NA	NA	NA	NA	NA
4/13/2020	NA	NA	NA	NA	NA
4/27/2020	NA	NA	NA	NA	NA
5/11/2020	NA	NA	NA	NA	NA
5/26/2020	NA	NA	NA	NA	NA
6/15/2020	-	-	8.42	-8.42	-
6/29/2020	-	-	8.57	-8.57	-
7/27/2020	-	-	8.64	-8.64	-
8/24/2020	-	-	8.87	-8.87	-
9/21/2020	-	-	9.04	-9.04	-
10/26/2020	-	-	8.70	-8.70	-
11/23/2020	-	-	8.70	-8.70	-
12/21/2020	-	-	8.65	-8.65	-
1/25/2021	-	-	8.63	-8.63	-
3/29/2021	-	-	8.37	-8.37	-
4/6/2021	-	-	-	-	-
5/24/2021	-	-	8.50	-8.50	-
6/1/2021	-	-	-	-	-
6/4/2021	-	-	-	-	-
6/7/2021	-	-	-	-	-
6/29/2021	-	-	-	-	-
7/7/2021	-	-	8.53	-8.53	-
7/14/2021	-	-	-	-	-
7/21/2021	-	-	-	-	-
7/28/2021	-	-	-	-	-
8/4/2021	-	-	8.49	-8.49	-
8/11/2021	-	-	-	-	-
8/18/2021	-	-	-	-	-
8/25/2021	-	-	-	-	-
9/8/2021	-	-	8.34	-8.34	-
9/15/2021	-	-	-	-	-
9/22/2021	-	-	-	-	-
9/30/2021	-	-	-	-	-
10/4/2021	-	-	-	-	-
10/11/2021	-	-	-	-	-
10/18/2021	-	-	-	-	-
10/25/2021	-	-	-	-	-
11/1/2021	-	-	-	-	-
11/9/2021	-	-	-	-	-
11/23/2021	-	-	-	-	-
12/1/2021	-	-	-	-	-
12/6/2021	-	-	-	-	-
12/20/2021	-	-	7.30	-7.30	-
1/12/2022	-	-	7.50	-7.50	-
2/7/2022	-	-	8.12	-8.12	-
3/10/2022	-	-	6.79	-6.79	-

Notes:
-- No gauging occurred or no measurable apparent LNAPL thickness
bmp - Below measuring point (top of casing)
amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
SOUTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	MW-9D				
	Southern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
6/6/2019	-	-	-	-	-
12/11/2019	-	-	-	-	-
1/31/2020	-	-	-	-	-
2/3/2020	-	-	-	-	-
2/17/2020	-	-	7.66	364.22	-
2/24/2020	-	-	7.64	364.24	-
3/2/2020	-	-	7.33	364.55	-
3/11/2020	-	-	7.18	364.70	-
3/16/2020	-	-	7.38	364.50	-
3/23/2020	-	-	7.98	363.90	-
3/30/2020	-	-	7.79	364.09	-
4/13/2020	-	-	8.16	363.72	-
4/27/2020	-	-	8.16	363.72	-
5/11/2020	-	-	7.22	364.66	-
5/26/2020	-	-	-	-	-
6/15/2020	-	-	8.60	363.28	-
6/29/2020	-	-	8.75	363.13	-
7/27/2020	-	-	8.83	363.05	-
8/24/2020	-	-	9.04	362.84	-
9/21/2020	-	-	9.21	362.67	-
10/26/2020	-	-	8.88	363.00	-
11/23/2020	-	-	8.85	363.03	-
12/21/2020	-	-	8.82	363.06	-
1/25/2021	-	-	8.78	363.10	-
3/29/2021	-	-	8.53	363.35	-
4/6/2021	-	-	-	-	-
5/24/2021	-	-	8.64	363.24	-
6/1/2021	-	-	-	-	-
6/4/2021	-	-	-	-	-
6/7/2021	-	-	-	-	-
6/29/2021	-	-	-	-	-
7/7/2021	-	-	8.72	363.16	-
7/14/2021	-	-	-	-	-
7/21/2021	-	-	-	-	-
7/28/2021	-	-	-	-	-
8/4/2021	-	-	8.72	363.16	-
8/11/2021	-	-	-	-	-
8/18/2021	-	-	-	-	-
8/25/2021	-	-	-	-	-
9/8/2021	-	-	8.48	363.40	-
9/15/2021	-	-	-	-	-
9/22/2021	-	-	-	-	-
9/30/2021	-	-	-	-	-
10/4/2021	-	-	-	-	-
10/11/2021	-	-	-	-	-
10/18/2021	-	-	-	-	-
10/25/2021	-	-	-	-	-
11/1/2021	-	-	-	-	-
11/9/2021	-	-	-	-	-
11/23/2021	-	-	-	-	-
12/1/2021	-	-	-	-	-
12/6/2021	-	-	-	-	-
12/20/2021	-	-	7.49	364.39	-
1/12/2022	-	-	7.71	364.17	-
2/7/2022	-	-	8.26	363.62	-
3/10/2022	-	-	7.01	364.87	-

Notes:
-- No gauging occurred or no measurable apparent LNAPL thickness
bmp - Below measuring point (top of casing)
amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
SOUTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	MW-9S				
	Southern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
6/6/2019	-	-	-	-	-
12/11/2019	-	-	-	-	-
1/31/2020	-	-	-	-	-
2/3/2020	-	-	-	-	-
2/17/2020	-	-	7.50	364.40	-
2/24/2020	-	-	7.44	364.46	-
3/2/2020	-	-	7.13	364.77	-
3/11/2020	-	-	7.02	364.88	-
3/16/2020	-	-	7.23	364.67	-
3/23/2020	-	-	7.77	364.13	-
3/30/2020	-	-	7.55	364.35	-
4/13/2020	-	-	7.85	364.05	-
4/27/2020	-	-	8.01	363.89	-
5/11/2020	-	-	7.12	364.78	-
5/26/2020	-	-	-	-	-
6/15/2020	-	-	8.65	363.25	-
6/29/2020	-	-	8.77	363.13	-
7/27/2020	-	-	8.79	363.11	-
8/24/2020	-	-	9.04	362.86	-
9/21/2020	-	-	9.23	362.67	-
10/26/2020	8.98	362.92	9.02	362.88	0.04
11/23/2020	8.89	363.01	9.00	362.90	0.11
12/21/2020	8.77	363.13	8.80	363.10	0.03
1/25/2021	8.64	363.26	8.68	363.22	0.04
3/29/2021	8.48	363.42	8.50	363.40	0.02
4/6/2021	-	-	-	-	-
5/24/2021	8.44	363.46	8.47	363.43	-
6/1/2021	-	-	-	-	-
6/4/2021	-	-	-	-	-
6/7/2021	-	-	-	-	-
6/29/2021	-	-	-	-	-
7/7/2021	8.66	363.24	8.67	363.23	0.01
7/14/2021	-	-	-	-	-
7/21/2021	-	-	-	-	-
7/28/2021	-	-	-	-	-
8/4/2021	8.95	362.95	8.97	362.93	0.02
8/11/2021	-	-	-	-	-
8/18/2021	-	-	-	-	-
8/25/2021	-	-	-	-	-
9/8/2021	8.43	363.47	8.52	363.38	0.09
9/15/2021	-	-	-	-	-
9/22/2021	-	-	-	-	-
9/30/2021	-	-	-	-	-
10/4/2021	-	-	-	-	-
10/11/2021	-	-	-	-	-
10/18/2021	-	-	-	-	-
10/25/2021	-	-	-	-	-
11/1/2021	-	-	-	-	-
11/9/2021	-	-	-	-	-
11/23/2021	-	-	-	-	-
12/1/2021	-	-	-	-	-
12/6/2021	-	-	-	-	-
12/20/2021	7.33	364.57	7.34	364.56	0.01
1/12/2022	7.50	364.40	7.52	364.38	0.02
2/7/2022	-	-	8.13	363.77	-
3/10/2022	6.80	365.10	6.83	365.07	0.03

Notes:
-- No gauging occurred or no measurable apparent LNAPL thickness
bmp - Below measuring point (top of casing)
amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
SOUTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	S4				
	Southern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
6/6/2019	-	-	-	-	-
12/11/2019	-	-	-	-	-
1/31/2020	-	-	-	-	-
2/3/2020	-	-	-	-	-
2/17/2020	-	-	-	-	-
2/24/2020	-	-	-	-	-
3/2/2020	-	-	-	-	-
3/11/2020	-	-	-	-	-
3/16/2020	-	-	8.23	365.99	-
3/23/2020	-	-	8.61	365.61	-
3/30/2020	-	-	5.74	368.48	-
4/13/2020	-	-	8.50	365.72	-
4/27/2020	-	-	7.68	366.54	-
5/11/2020	-	-	8.22	366.00	-
5/26/2020	-	-	-	-	-
6/15/2020	-	-	10.24	363.98	-
6/29/2020	-	-	10.26	363.96	-
7/27/2020	-	-	10.73	363.49	-
8/24/2020	-	-	11.13	363.09	-
9/21/2020	-	-	11.40	362.82	-
10/26/2020	-	-	9.98	364.24	-
11/23/2020	-	-	10.19	364.03	-
12/21/2020	-	-	-	-	-
1/25/2021	-	-	-	-	-
3/29/2021	-	-	8.05	366.17	-
4/6/2021	-	-	-	-	-
5/24/2021	-	-	10.45	363.77	-
6/1/2021	-	-	-	-	-
6/4/2021	-	-	-	-	-
6/7/2021	-	-	-	-	-
6/29/2021	-	-	-	-	-
7/7/2021	-	-	9.45	364.77	-
7/14/2021	-	-	-	-	-
7/21/2021	-	-	-	-	-
7/28/2021	-	-	-	-	-
8/4/2021	-	-	10.45	363.77	-
8/11/2021	-	-	-	-	-
8/18/2021	-	-	-	-	-
8/25/2021	-	-	-	-	-
9/8/2021	-	-	10.52	363.70	-
9/15/2021	-	-	-	-	-
9/22/2021	-	-	-	-	-
9/30/2021	-	-	-	-	-
10/4/2021	-	-	-	-	-
10/11/2021	-	-	-	-	-
10/18/2021	-	-	-	-	-
10/25/2021	-	-	-	-	-
11/1/2021	-	-	-	-	-
11/9/2021	-	-	-	-	-
11/23/2021	-	-	-	-	-
12/1/2021	-	-	-	-	-
12/6/2021	-	-	-	-	-
12/20/2021	-	-	8.60	365.62	-
1/12/2022	-	-	9.02	365.20	-
2/7/2022	-	-	10.15	364.07	-
3/10/2022	-	-	9.70	364.52	-

Notes:
-- No gauging occurred or no measurable apparent LNAPL thickness
bmp - Below measuring point (top of casing)
amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
SOUTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	S8				
	Southern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
6/6/2019	-	-	-	-	-
12/11/2019	-	-	-	-	-
1/31/2020	-	-	-	-	-
2/3/2020	-	-	-	-	-
2/17/2020	-	-	-	-	-
2/24/2020	-	-	-	-	-
3/2/2020	-	-	-	-	-
3/11/2020	-	-	6.78	366.09	-
3/16/2020	-	-	7.38	365.49	-
3/23/2020	-	-	7.42	365.45	-
3/30/2020	-	-	6.56	366.31	-
4/13/2020	-	-	7.84	365.03	-
4/27/2020	-	-	7.51	365.36	-
5/11/2020	-	-	7.20	365.67	-
5/26/2020	-	-	-	-	-
6/15/2020	-	-	8.86	364.01	-
6/29/2020	-	-	8.04	364.83	-
7/27/2020	-	-	9.22	363.65	-
8/24/2020	-	-	9.60	363.27	-
9/21/2020	-	-	9.93	362.94	-
10/26/2020	-	-	-	-	-
11/23/2020	-	-	9.05	363.82	-
12/21/2020	-	-	-	-	-
1/25/2021	-	-	-	-	-
3/29/2021	-	-	7.85	365.02	-
4/6/2021	-	-	-	-	-
5/24/2021	-	-	9.14	363.73	-
6/1/2021	-	-	-	-	-
6/4/2021	-	-	-	-	-
6/7/2021	-	-	-	-	-
6/29/2021	-	-	-	-	-
7/7/2021	-	-	9.12	363.75	-
7/14/2021	-	-	-	-	-
7/21/2021	-	-	-	-	-
7/28/2021	-	-	-	-	-
8/4/2021	-	-	8.98	363.89	-
8/11/2021	-	-	-	-	-
8/18/2021	-	-	-	-	-
8/25/2021	-	-	-	-	-
9/8/2021	-	-	9.04	363.83	-
9/15/2021	-	-	-	-	-
9/22/2021	-	-	-	-	-
9/30/2021	-	-	-	-	-
10/4/2021	-	-	-	-	-
10/11/2021	-	-	-	-	-
10/18/2021	-	-	-	-	-
10/25/2021	-	-	-	-	-
11/1/2021	-	-	-	-	-
11/9/2021	-	-	-	-	-
11/23/2021	-	-	-	-	-
12/1/2021	-	-	-	-	-
12/6/2021	-	-	-	-	-
12/20/2021	-	-	7.54	365.33	-
1/12/2022	-	-	7.82	365.05	-
2/7/2022	-	-	8.65	364.22	-
3/10/2022	-	-	6.64	366.23	-

Notes:
-- No gauging occurred or no measurable apparent LNAPL thickness
bmp - Below measuring point (top of casing)
amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
SOUTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	SMW12				
	Southern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
6/6/2019	-	-	-	-	-
12/11/2019	-	-	-	-	-
1/31/2020	-	-	-	-	-
2/3/2020	-	-	-	-	-
2/17/2020	-	-	-	-	-
2/24/2020	-	-	-	-	-
3/2/2020	-	-	-	-	-
3/11/2020	-	-	-	-	-
3/16/2020	-	-	-	-	-
3/23/2020	-	-	5.16	368.61	-
3/30/2020	-	-	3.80	369.97	-
4/13/2020	-	-	4.75	369.02	-
4/27/2020	-	-	4.87	368.90	-
5/11/2020	-	-	5.15	368.62	-
5/26/2020	-	-	-	-	-
6/15/2020	-	-	9.14	364.63	-
6/29/2020	-	-	-	-	-
7/27/2020	-	-	9.16	364.61	-
8/24/2020	-	-	10.53	363.24	-
9/21/2020	-	-	10.85	362.92	-
10/26/2020	-	-	-	-	-
11/23/2020	-	-	9.03	364.74	-
12/21/2020	-	-	-	-	-
1/25/2021	-	-	-	-	-
3/29/2021	-	-	-	-	-
4/6/2021	-	-	-	-	-
5/24/2021	-	-	8.98	364.79	-
6/1/2021	-	-	-	-	-
6/4/2021	-	-	-	-	-
6/7/2021	-	-	-	-	-
6/29/2021	-	-	-	-	-
7/7/2021	-	-	6.56	367.21	-
7/14/2021	-	-	-	-	-
7/21/2021	-	-	-	-	-
7/28/2021	-	-	-	-	-
8/4/2021	-	-	7.25	366.52	-
8/11/2021	-	-	-	-	-
8/18/2021	-	-	-	-	-
8/25/2021	-	-	-	-	-
9/8/2021	-	-	-	-	-
9/15/2021	-	-	-	-	-
9/22/2021	-	-	-	-	-
9/30/2021	-	-	-	-	-
10/4/2021	-	-	-	-	-
10/11/2021	-	-	-	-	-
10/18/2021	-	-	-	-	-
10/25/2021	-	-	-	-	-
11/1/2021	-	-	-	-	-
11/9/2021	-	-	-	-	-
11/23/2021	-	-	-	-	-
12/1/2021	-	-	-	-	-
12/6/2021	-	-	-	-	-
12/20/2021	-	-	5.00	368.77	-
1/12/2022	-	-	5.66	368.11	-
2/7/2022	-	-	-	-	-
3/10/2022	-	-	4.43	369.34	-

Notes:
-- No gauging occurred or no measurable apparent LNAPL thickness
bmp - Below measuring point (top of casing)
amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
SOUTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	SMW3				
	Southern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
6/6/2019	-	-	-	-	-
12/11/2019	-	-	-	-	-
1/31/2020	-	-	-	-	-
2/3/2020	-	-	-	-	-
2/17/2020	-	-	-	-	-
2/24/2020	-	-	-	-	-
3/2/2020	-	-	-	-	-
3/11/2020	-	-	6.15	364.64	-
3/16/2020	-	-	6.41	364.38	-
3/23/2020	-	-	6.72	364.07	-
3/30/2020	-	-	5.90	364.89	-
4/13/2020	-	-	6.52	364.27	-
4/27/2020	-	-	6.92	363.87	-
5/11/2020	-	-	6.39	364.40	-
5/26/2020	-	-	-	-	-
6/15/2020	-	-	7.85	362.94	-
6/29/2020	-	-	8.33	362.46	-
7/27/2020	-	-	8.44	362.35	-
8/24/2020	-	-	8.73	362.06	-
9/21/2020	-	-	8.92	361.87	-
10/26/2020	-	-	8.38	362.41	-
11/23/2020	-	-	7.65	363.14	-
12/21/2020	-	-	7.45	363.34	-
1/25/2021	-	-	-	-	-
3/29/2021	-	-	6.97	363.82	-
4/6/2021	-	-	-	-	-
5/24/2021	-	-	7.50	363.29	-
6/1/2021	-	-	-	-	-
6/4/2021	-	-	-	-	-
6/7/2021	-	-	-	-	-
6/29/2021	-	-	-	-	-
7/7/2021	-	-	8.21	362.58	-
7/14/2021	-	-	-	-	-
7/21/2021	-	-	-	-	-
7/28/2021	-	-	-	-	-
8/4/2021	-	-	7.63	363.16	-
8/11/2021	-	-	-	-	-
8/18/2021	-	-	-	-	-
8/25/2021	-	-	-	-	-
9/8/2021	-	-	7.25	363.54	-
9/15/2021	-	-	-	-	-
9/22/2021	-	-	-	-	-
9/30/2021	-	-	-	-	-
10/4/2021	-	-	-	-	-
10/11/2021	-	-	-	-	-
10/18/2021	-	-	-	-	-
10/25/2021	-	-	-	-	-
11/1/2021	-	-	-	-	-
11/9/2021	-	-	-	-	-
11/23/2021	-	-	-	-	-
12/1/2021	-	-	-	-	-
12/6/2021	-	-	-	-	-
12/20/2021	-	-	5.98	364.81	-
1/12/2022	-	-	6.56	364.23	-
2/7/2022	-	-	-	-	-
3/10/2022	-	-	5.49	365.30	-

Notes:
-- No gauging occurred or no measurable apparent LNAPL thickness
bmp - Below measuring point (top of casing)
amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
NORTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	B13				
	Northern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
12/11/2019	16.04	365.87	16.09	365.82	0.05
3/10/2022	15.20	366.71	15.98	365.93	0.78

Notes:

-- No gauging occurred or no measurable apparent LNAPL thickness

bmp - Below measuring point (top of casing)

amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
NORTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	BMW13				
	Northern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
12/11/2019	-	-	18.84	363.85	-
3/10/2022	17.05	365.64	17.30	365.39	0.25

Notes:

-- No gauging occurred or no measurable apparent LNAPL thickness

bmp - Below measuring point (top of casing)

amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
NORTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	S13				
	Northern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
12/11/2019	9.34	363.38	9.35	363.37	0.01
3/10/2022	7.40	365.32	7.80	364.92	0.40

Notes:

-- No gauging occurred or no measurable apparent LNAPL thickness

bmp - Below measuring point (top of casing)

amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
NORTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	GWE-PTW				
	Northern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
12/11/2019	-	-	-	-	-
3/10/2022	-	-	8.23	365.83	-

Notes:

-- No gauging occurred or no measurable apparent LNAPL thickness

bmp - Below measuring point (top of casing)

amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
NORTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	B16				
	Northern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
12/11/2019	-	-	-	-	-
3/10/2022	8.26	365.46	8.40	365.32	0.14

Notes:

-- No gauging occurred or no measurable apparent LNAPL thickness

bmp - Below measuring point (top of casing)

amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
NORTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	B11				
	Northern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
12/11/2019	-	-	18.48	363.85	-
3/10/2022	16.66	365.67	16.85	365.48	0.19

Notes:

-- No gauging occurred or no measurable apparent LNAPL thickness

bmp - Below measuring point (top of casing)

amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
NORTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	SMW11				
	Northern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
12/11/2019	-	-	-	-	-
3/10/2022	-	-	15.10	365.70	-

Notes:

-- No gauging occurred or no measurable apparent LNAPL thickness

bmp - Below measuring point (top of casing)

amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
NORTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	B9				
	Northern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
12/11/2019	-	-	21.57	363.83	-
3/10/2022	-	-	19.71	365.69	-

Notes:

-- No gauging occurred or no measurable apparent LNAPL thickness

bmp - Below measuring point (top of casing)

amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
NORTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	B7				
	Northern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
12/11/2019	-	-	21.54	363.82	-
3/10/2022	-	-	19.80	365.56	-

Notes:

-- No gauging occurred or no measurable apparent LNAPL thickness

bmp - Below measuring point (top of casing)

amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
NORTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	B5				
	Northern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
12/11/2019	-	-	21.57	363.84	-
3/10/2022	-	-	19.83	365.58	-

Notes:

-- No gauging occurred or no measurable apparent LNAPL thickness

bmp - Below measuring point (top of casing)

amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
NORTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	B6				
	Northern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
12/11/2019	17.36	364.14	17.37	364.13	0.01
3/10/2022	-	-	15.95	365.55	-

Notes:

-- No gauging occurred or no measurable apparent LNAPL thickness

bmp - Below measuring point (top of casing)

amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
NORTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	BMW12				
	Northern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
12/11/2019	-	-	20.94	364.38	-
3/10/2022	-	-	19.68	365.64	-

Notes:

-- No gauging occurred or no measurable apparent LNAPL thickness

bmp - Below measuring point (top of casing)

amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
NORTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	BMW5				
	Northern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
12/11/2019	24.99	364.59	26.08	363.50	1.09
3/10/2022	23.75	365.83	23.90	365.68	0.15

Notes:

-- No gauging occurred or no measurable apparent LNAPL thickness

bmp - Below measuring point (top of casing)

amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
NORTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	B3				
	Northern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
12/11/2019	-	-	-	-	-
3/10/2022	-	-	21.15	356.95	-

Notes:

-- No gauging occurred or no measurable apparent LNAPL thickness

bmp - Below measuring point (top of casing)

amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
NORTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	B4				
	Northern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
12/11/2019	-	-	17.61	364.86	-
3/10/2022	-	-	16.42	366.05	-

Notes:

-- No gauging occurred or no measurable apparent LNAPL thickness

bmp - Below measuring point (top of casing)

amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
NORTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	CT19				
	Northern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
12/11/2019	-	-	-	-	-
3/10/2022	-	-	-	-	-

Notes:

-- No gauging occurred or no measurable apparent LNAPL thickness

bmp - Below measuring point (top of casing)

amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
NORTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	B2				
	Northern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
12/11/2019	-	-	-	-	-
3/10/2022	-	-	15.49	366.04	-

Notes:

-- No gauging occurred or no measurable apparent LNAPL thickness

bmp - Below measuring point (top of casing)

amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
NORTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	B1				
	Northern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
12/11/2019	-	-	-	-	-
3/10/2022	-	-	21.40	-21.40	-

Notes:

-- No gauging occurred or no measurable apparent LNAPL thickness

bmp - Below measuring point (top of casing)

amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
NORTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	PZ101S				
	Northern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
12/11/2019	-	-	-	-	-
3/10/2022	-	-	13.90	365.57	-

Notes:

-- No gauging occurred or no measurable apparent LNAPL thickness

bmp - Below measuring point (top of casing)

amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
NORTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	PZ101D				
	Northern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
12/11/2019	-	-	-	-	-
3/10/2022	-	-	13.98	365.54	-

Notes:

-- No gauging occurred or no measurable apparent LNAPL thickness

bmp - Below measuring point (top of casing)

amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
NORTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	CT4				
	Northern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
12/11/2019	-	-	-	-	-
3/10/2022	-	-	-	-	-

Notes:

-- No gauging occurred or no measurable apparent LNAPL thickness

bmp - Below measuring point (top of casing)

amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
NORTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	B8				
	Northern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
12/11/2019	-	-	13.82	363.68	-
3/10/2022	-	-	12.05	365.45	-

Notes:

-- No gauging occurred or no measurable apparent LNAPL thickness

bmp - Below measuring point (top of casing)

amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
NORTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	B10				
	Northern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
12/11/2019	-	-	-	-	-
3/10/2022	-	-	12.52	365.46	-

Notes:

-- No gauging occurred or no measurable apparent LNAPL thickness

bmp - Below measuring point (top of casing)

amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
NORTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	PZ102S				
	Northern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
12/11/2019	-	-	14.51	363.73	-
3/10/2022	12.70	365.54	12.87	365.37	0.17

Notes:

-- No gauging occurred or no measurable apparent LNAPL thickness

bmp - Below measuring point (top of casing)

amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
NORTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	PZ102D				
	Northern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
12/11/2019	-	-	14.34	363.74	-
3/10/2022	-	-	12.64	365.44	-

Notes:

-- No gauging occurred or no measurable apparent LNAPL thickness

bmp - Below measuring point (top of casing)

amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
NORTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	B12				
	Northern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
12/11/2019	-	-	-	-	-
3/10/2022	-	-	11.72	365.49	-

Notes:

-- No gauging occurred or no measurable apparent LNAPL thickness

bmp - Below measuring point (top of casing)

amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
NORTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	PZ103S				
	Northern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
12/11/2019	-	-	-	-	-
3/10/2022	-	-	11.96	365.83	-

Notes:

-- No gauging occurred or no measurable apparent LNAPL thickness

bmp - Below measuring point (top of casing)

amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
NORTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	PZ103D				
	Northern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
12/11/2019	-	-	-	-	-
3/10/2022	-	-	12.32	365.44	-

Notes:

-- No gauging occurred or no measurable apparent LNAPL thickness

bmp - Below measuring point (top of casing)

amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
NORTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	B14				
	Northern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
12/11/2019	12.25	363.77	12.52	363.50	0.27
3/10/2022	-	-	10.55	365.47	-

Notes:

-- No gauging occurred or no measurable apparent LNAPL thickness

bmp - Below measuring point (top of casing)

amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
NORTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	MW-205				
	Northern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
12/11/2019	-	-	5.26	392.79	-
3/10/2022	-	-	4.13	393.92	-

Notes:

-- No gauging occurred or no measurable apparent LNAPL thickness

bmp - Below measuring point (top of casing)

amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
NORTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	MW-206				
	Northern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
12/11/2019	-	-	1.86	396.01	-
3/10/2022	-	-	0.38	397.49	-

Notes:

-- No gauging occurred or no measurable apparent LNAPL thickness

bmp - Below measuring point (top of casing)

amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
NORTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	MW-207				
	Northern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
12/11/2019	-	-	4.08	394.57	-
3/10/2022	-	-	3.66	394.99	-

Notes:

-- No gauging occurred or no measurable apparent LNAPL thickness

bmp - Below measuring point (top of casing)

amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
NORTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	MW-208				
	Northern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
12/11/2019	-	-	4.63	392.60	-
3/10/2022	-	-	3.62	393.61	-

Notes:

-- No gauging occurred or no measurable apparent LNAPL thickness

bmp - Below measuring point (top of casing)

amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
NORTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	MW-209				
	Northern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
12/11/2019	-	-	3.09	396.65	-
3/10/2022	-	-	-	-	-

Notes:

-- No gauging occurred or no measurable apparent LNAPL thickness

bmp - Below measuring point (top of casing)

amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
NORTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	MW-204				
	Northern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
12/11/2019	-	-	4.98	390.04	-
3/10/2022	-	-	2.58	392.44	-

Notes:

-- No gauging occurred or no measurable apparent LNAPL thickness

bmp - Below measuring point (top of casing)

amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
NORTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	MW-203				
	Northern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
12/11/2019	-	-	-	-	-
3/10/2022	-	-	7.17	387.21	-

Notes:

-- No gauging occurred or no measurable apparent LNAPL thickness

bmp - Below measuring point (top of casing)

amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
NORTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	BH3				
	Northern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
12/11/2019	-	-	-	-	-
3/10/2022	-	-	9.95	385.50	-

Notes:

-- No gauging occurred or no measurable apparent LNAPL thickness

bmp - Below measuring point (top of casing)

amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
NORTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	BMW6				
	Northern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
12/11/2019	-	-	30.31	364.73	-
3/10/2022	-	-	26.49	368.55	-

Notes:

-- No gauging occurred or no measurable apparent LNAPL thickness

bmp - Below measuring point (top of casing)

amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
NORTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	MW-202				
	Northern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
12/11/2019	-	-	15.28	380.14	-
3/10/2022	-	-	10.60	384.82	-

Notes:

-- No gauging occurred or no measurable apparent LNAPL thickness

bmp - Below measuring point (top of casing)

amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
NORTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	MW-201				
	Northern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
12/11/2019	-	-	26.43	368.95	-
3/10/2022	-	-	25.89	369.49	-

Notes:

-- No gauging occurred or no measurable apparent LNAPL thickness

bmp - Below measuring point (top of casing)

amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
NORTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	BMW7				
	Northern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
12/11/2019	-	-	11.50	386.25	-
3/10/2022	-	-	7.41	390.34	-

Notes:

-- No gauging occurred or no measurable apparent LNAPL thickness

bmp - Below measuring point (top of casing)

amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
NORTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	BMW8				
	Northern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
12/11/2019	-	-	9.41	390.69	-
3/10/2022	-	-	6.92	393.18	-

Notes:

-- No gauging occurred or no measurable apparent LNAPL thickness

bmp - Below measuring point (top of casing)

amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
NORTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	BMW2				
	Northern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
12/11/2019	-	-	8.47	390.25	-
3/10/2022	-	-	7.48	391.24	-

Notes:

-- No gauging occurred or no measurable apparent LNAPL thickness

bmp - Below measuring point (top of casing)

amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
NORTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	MW-210				
	Northern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
12/11/2019	-	-	9.64	377.08	-
3/10/2022	-	-	5.19	381.53	-

Notes:

-- No gauging occurred or no measurable apparent LNAPL thickness

bmp - Below measuring point (top of casing)

amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
NORTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	BMW9				
	Northern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
12/11/2019	-	-	3.63	376.65	-
3/10/2022	-	-	2.18	378.10	-

Notes:

-- No gauging occurred or no measurable apparent LNAPL thickness

bmp - Below measuring point (top of casing)

amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
NORTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	MW-211				
	Northern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
12/11/2019	-	-	7.48	379.92	-
3/10/2022	-	-	5.97	381.43	-

Notes:

-- No gauging occurred or no measurable apparent LNAPL thickness

bmp - Below measuring point (top of casing)

amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
NORTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	BMW4				
	Northern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
12/11/2019	-	-	8.94	365.19	-
3/10/2022	-	-	6.11	368.02	-

Notes:

-- No gauging occurred or no measurable apparent LNAPL thickness

bmp - Below measuring point (top of casing)

amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
NORTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	HD1				
	Northern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
12/11/2019	-	-	2.44	370.76	-
3/10/2022	-	-	3.48	369.72	-

Notes:

-- No gauging occurred or no measurable apparent LNAPL thickness

bmp - Below measuring point (top of casing)

amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
NORTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	HD8				
	Northern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
12/11/2019	-	-	4.38	367.59	-
3/10/2022	-	-	2.64	369.33	-

Notes:

-- No gauging occurred or no measurable apparent LNAPL thickness

bmp - Below measuring point (top of casing)

amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
NORTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	HD7				
	Northern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
12/11/2019	4.09	365.03	4.11	365.01	0.02
3/10/2022	2.37	366.75	2.38	366.74	0.01

Notes:

-- No gauging occurred or no measurable apparent LNAPL thickness

bmp - Below measuring point (top of casing)

amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
NORTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	HD3A				
	Northern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
12/11/2019	-	-	1.57	367.43	-
3/10/2022	-	-	1.41	367.59	-

Notes:

-- No gauging occurred or no measurable apparent LNAPL thickness

bmp - Below measuring point (top of casing)

amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
NORTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	HD6				
	Northern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
12/11/2019	-	-	4.03	364.59	-
3/10/2022	-	-	2.32	366.30	-

Notes:

-- No gauging occurred or no measurable apparent LNAPL thickness

bmp - Below measuring point (top of casing)

amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
NORTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	Unk. Well				
	Northern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
12/11/2019	-	-	4.92	364.88	-
3/10/2022	-	-	4.50	365.30	-

Notes:

-- No gauging occurred or no measurable apparent LNAPL thickness

bmp - Below measuring point (top of casing)

amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
NORTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	B18				
	Northern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
12/11/2019	-	-	-	-	-
3/10/2022	-	-	3.76	369.27	-

Notes:

-- No gauging occurred or no measurable apparent LNAPL thickness

bmp - Below measuring point (top of casing)

amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
NORTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	PZ106S				
	NoSChern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
12/11/2019	-	-	-	-	-
3/10/2022	-	-	2.93	371.22	-

Notes:

-- No gauging occurred or no measurable apparent LNAPL thickness

bmp - Below measuring point (top of casing)

amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
NORTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	BMW14R				
	Northern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
12/11/2019	-	-	15.93	364.03	-
3/10/2022	-	-	13.92	366.04	-

Notes:

-- No gauging occurred or no measurable apparent LNAPL thickness

bmp - Below measuring point (top of casing)

amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
NORTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	B15				
	Northern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
12/11/2019	-	-	17.17	364.92	-
3/10/2022	-	-	13.70	368.39	-

Notes:

-- No gauging occurred or no measurable apparent LNAPL thickness

bmp - Below measuring point (top of casing)

amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
NORTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	S5				
	Northern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
12/11/2019	-	-	11.72	363.82	-
3/10/2022	-	-	9.75	365.79	-

Notes:

-- No gauging occurred or no measurable apparent LNAPL thickness

bmp - Below measuring point (top of casing)

amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
NORTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	PZ104S				
	Northern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
12/11/2019	-	-	-	-	-
3/10/2022	-	-	7.04	-7.04	-

Notes:

-- No gauging occurred or no measurable apparent LNAPL thickness

bmp - Below measuring point (top of casing)

amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
NORTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	AMW3				
	Northern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
12/11/2019	9.80	363.64	11.25	362.19	1.45
3/10/2022	7.55	365.89	7.56	365.88	0.01

Notes:

-- No gauging occurred or no measurable apparent LNAPL thickness

bmp - Below measuring point (top of casing)

amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
NORTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	PZ105D				
	Northern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
12/11/2019	-	-	10.31	363.22	-
3/10/2022	-	-	8.66	364.87	-

Notes:

-- No gauging occurred or no measurable apparent LNAPL thickness

bmp - Below measuring point (top of casing)

amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
NORTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	PZ105S				
	Northern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
12/11/2019	-	-	9.41	364.16	-
3/10/2022	-	-	6.22	367.35	-

Notes:

-- No gauging occurred or no measurable apparent LNAPL thickness

bmp - Below measuring point (top of casing)

amsl - Above mean sea level



SUMMARY OF WELL GAUGING EVENTS
NORTHERN TERMINALS MONITORING WELLS
Cold Springs Terminals, Lysander, NY

Southern Terminals Group
GHD Project Number 11137172

Date	S18				
	Northern Terminals				
	LNAPL		Groundwater		Apparent LNAPL Thickness
	(feet bmp)	(feet amsl)	(feet bmp)	(feet amsl)	(feet)
12/11/2019	-	-	-	-	-
3/10/2022	-	-	7.91	366.07	-

Notes:

-- No gauging occurred or no measurable apparent LNAPL thickness

bmp - Below measuring point (top of casing)

amsl - Above mean sea level