

January 15, 2025

Project No. 31406585.016

Mr. Jerry Wick Texas Commission on Environmental Quality MC-127 VCP-CA Section, Team 1, Remediation Division P.O. Box 13087 Austin, Texas 78711-3087

### Re: MONTHLY STATUS UPDATE – ENGLEWOOD INTERMODAL YARD – NAPL COLLECTION SYSTEM/CONCRETE CAP REPAIRS AND REVISED INTERIM MEASURES WORK PLAN CONSTRUCTION ACTIVITIES UNION PACIFIC RAILROAD HOUSTON WOOD PRESERVING WORKS FACILITY 4910 LIBERTY ROAD FACILITY, HOUSTON, TEXAS POST-CLOSURE CARE PERMIT NO. HW-50343; INDUSTRIAL SWR NO. 31547

#### Dear Mr. Wick:

WSP USA Inc. (WSP), on behalf of Union Pacific Railroad Company (UPRR), is pleased to provide this monthly status update for December 2024 summarizing the weekly construction activities being conducted at the Englewood Intermodal Yard concrete cap area within the UPRR Houston Wood Preserving Works Facility (the Site). The construction activities are being conducted following the *Revised Interim Measures Work Plan – Englewood Intermodal Yard (EIY)* dated October 20, 2023, and prepared by WSP. The Texas Commission on Environmental Quality (TCEQ) requested in the Conditional Approval letter dated January 9, 2024, that weekly summaries be provided in the monthly status updates detailing the activities being implemented per the Revised Interim Measures Work Plan (IMWP). In addition, a summary of the weekly inspections conducted at the Englewood Intermodal Yard concrete cap area is provided in this monthly status update as requested by the TCEQ in a letter dated March 20, 2018. Below is a summary of the IMWP activities and inspections for December 2024.

#### **Interim Measures Work Plan Activities**

The TCEQ Conditional Approval letter dated January 9, 2024, for the Revised IMWP requested UPRR provide weekly summaries during the remediation activities detailing that adequate air monitoring and dust suppression, soil management, and stormwater protection activities are being implemented in accordance with the approved plans provided in the Revised IMWP. UPRR initiated the remediation activities on April 29, 2024, and completed construction activities on November 15, 2024, except for the final waste disposition. As required in the IMWP, WSP on behalf of UPRR inspected the backfilled focused excavation areas weekly as part of the Englewood IM Yard concrete cap inspection schedule. With the conclusion of the construction activities and pending final waste disposition, detailed weekly summaries are no longer necessary and the IMWP activities and weekly inspections are now summarized on a monthly basis, as discussed below:

#### WSP USA 1601 S Mopac Expy Suite 325D Austin, TX 78746

Tel.: +1 737 703-3900 wsp.com

#### Activities from December 2 through December 31, 2024:

#### • Remediation Activities

• Focused excavation work completed, and no remediation activities were conducted.

#### • Dust Control and Air Monitoring

 Focused excavation work completed, and no dust generating activities took place. No air monitoring was conducted.

#### • Soil/Waste Management

- o Roll-off containers staged at the Site were kept covered.
- Two roll-offs containing Class 2 non-hazardous soil waste were transported to the Republic Services McCarty Road Facility on December 2, 2024.

#### Stormwater Management

- Approximately 423,000 gallons of stormwater are being stored onsite pending profiling and disposal.
- A Temporary Discharge Authorization was submitted to the City of Houston (COH) Public Works on December 23, 2024, seeking permission to discharge approximately 423,000 gallons of stormwater into the City's POTW through the permitted water treatment plant located at the Settegast Intermodal Yard.
- Weekly Focused Excavation Inspections
  - Weekly inspections of the completed 13 Focused Excavation areas were conducted on December 4, 11, 18, 23 and 27, 2024. There were no NAPL seeps observed at the Focused Excavation areas during the inspections. Photographs from the weekly inspections are provided in Attachment A under Photo Numbers 1 through 69.

#### Non-Aqueous Phase Liquid (NAPL) Collection System Inspections

A NAPL Collection System was installed in the Englewood Intermodal Yard in January 2019 to address the tar-like substance seeps within parking stalls B100 to B109 (for container trailers). The following is a summary of the observations from the weekly inspections of the NAPL Collection System and Englewood Intermodal Yard concrete pavement near the collection system for December 2024 (select photographs from the weekly inspections are provided in Attachment C):

- The NAPL Collection System Sump 1 (B099/B100 stalls), Sump 2 (B103/B104 stalls), and Sump 3 (B107/B108 stalls) have continued to be checked weekly for NAPL using an interface probe. A hoe has continued to be used to recover NAPL, if present, from the bottom of each of the sumps during the weekly inspections. No NAPL was detected or recovered from Sumps 1, 2 and 3 during the December 2024 weekly inspections. A notation on the presence of NAPL in each sump, tabulation of depth and thickness of NAPL, if detected, and a tabulation of total mass of NAPL recovered from each sump is provided on the enclosed Table 1. NAPL recovered from the sumps is placed in a drum for disposal. The drum is staged at the Container Storage Area (CSA). The inflow protector was monitored for NAPL accumulation, and no accumulation was observed through December 2024.
- Water levels in NAPL Collection System Sump 1, Sump 2, and Sump 3 were measured at the following levels below the top of the manholes:

- December 4<sup>th</sup> B099/B100 was measured at 10 inches, B103/B104 was measured at 35 inches, and B107/B108 was measured at 33.5 inches (Photo 70, 71, and 72).
- $\circ$  December 11<sup>th</sup> at 4, 26, and 26 inches (Photo 73, 74, and 75).
- $\circ$  December 18<sup>th</sup> at 5, 23, and 22 inches (Photo 76, 77, and 78).
- December 23<sup>rd</sup> at 4.5, 23.5, and 22.5 inches (Photo 79, 80, and 81).
- $\circ$  December 27<sup>th</sup> at 2, 12, and 11.5 inches (Photo 82, 83, and 84).
- During the December 2024 inspections, the water in Sump 1, Sump 2, and Sump 3 were observed to be clear in color. A sheen was observed at Sump 1 during the December 4<sup>th</sup>, 11<sup>th</sup>, 18<sup>th</sup>, and 27<sup>th</sup> inspections (Photos 70, 73, 76, and 82). Additionally, a sheen was observed at Sump 2 during the December 4<sup>th</sup> inspection (Photo 71). No odors were reported during the December inspections.
- Tar material seeps were not observed at Track 802 or along the concrete joint for the NAPL Collection System (Slot B-107) during the December inspections.

#### Areas Outside NAPL Collection System Inspections

For areas outside the NAPL Collection System, WSP made the following observations during the weekly inspections:

- Tar-like material seeps were not observed during the weekly inspection events. The seep activity during the month of December was less compared to the November inspections. The collection volume of the tar material from the seep decreased from 0.02 gallons over 4 inspections to 0 gallons over 5 inspections at the seep locations.
- During the December 2024 inspections, no NAPL seeps were observed at the seven August 2020 test pit locations (stalls A010, A021, A098, B013, B057, B096 and B108) or three other stall numbers B042, B056, and B102 Joint. Track 802 a
- The previously observed seeps at A010, A022, B042, B056, B057, B096, B100, B102, B105, and RD-14 have been addressed through the Focused Excavation activities. Track 802 and the concrete joint at Slot B-107, the two locations that could not be addressed with Focused Excavations, did not have tar-like material seeping from them.
- There was no brown water staining observed during the month of December.

If you have any questions or need additional information, please feel free to call us at (512) 501-5547 or Mr. Kevin Peterburs of UPRR at (414) 267-4164.

Sincerely,

WSP USA Inc.

m/lin

Manny Higa, GIT Senior Consultant, Geologist

fuli

Keshab Gyawali, P.E. Lead Consultant, Civil Engineer



CC: Kevin Peterburs, UPRR – Milwaukee, WI Karina Rocha, Waste Section Manager, TCEQ Region 12, Houston

Attachment Table 1 – NAPL Measurements – NAPL Collection System Attachment A – Weekly Inspection Photolog

	TABLE 1									
NAPL Measurements - NAPL Collection System - Englewood Intermodal Yard										
UPRR Houston, tx - Wood Preserving Works										
1 Sump 2 Sump 3										

	Sump 1	Sump 2	Sump 3	x - wood Preserving	
Measured Date 8/14/2019	(B099/B100) Freeboard (in) 2.5	(B103/B104) Freeboard (in) 28	(B107/B108) Freeboard (in) 29	Depth to DNAPL (in) Not measurable	Comments
8/21/2019	0	28	29	Not measurable	
8/28/2019	44.5	47.9	45	Not measurable	Water from sumps pumped out
9/4/2019	19	42	41.5	Not measurable	
9/13/2019	0	39.5	38	Not measurable	
9/20/2019	0	3	2.5	Not measurable	
9/25/2019	0	42	42.5	Not measurable	Water from sumps pumped out
10/2/2019	2.5	42.5	42	Not measurable	Sheen visible in B107/B108 sump, less than 0.1 gal of DNAPL recovered
10/9/2019	3	42	41.5	Not measurable	Sheen visible in B107/B108 sump, less than 0.1 gal of DNAPL recovered
10/16/2019	0	39.5	39	Not measurable	Less than 0.1 gal of DNAPL recovered from B107/B108 Sump
					Less than 0.1 gal of DNAPL recovered from B107/B108
10/24/2019	3	35 24	25 23	Not measurable	Sump
10/29/2019 10/30/2019	0	40	39	Not measurable Not measurable	Water from sumps pumped out Slight sheen visible in B107/B108 sump
11/6/2019	9	39	38.5	Not measurable	Slight sheet visible in B107/B108 sump
					Less than 0.1 gal of DNAPL recovered from B107/B108
11/13/2019	7	30	29	Not measurable	Sump
11/19/2019	4	26 25	25.5	Not measurable	
11/27/2019	0	25	23	Not measurable	Less than 0.1 gal of DNAPL recovered from B107/B108
12/3/2019	2	25.5	25	Not measurable	Sump
12/11/2010	1 5	17	10 54	Naturasuushis	Less than 0.1 gal of DNAPL recovered from B107/B108
12/11/2019	1.5 5	17 19.5	16.54 17.5	Not measurable Not measurable	Sump
12/17/2019 12/23/2019	10	21	20.5	Not measurable	
1/7/2020	9	13	12.5	Not measurable	
1/8/2020	9	13	12.5	Not measurable	Water from sumps pumped out
1/17/2020	0	32	31.5	Not measurable	
1/21/2020	2.5	26.5	26	Not measurable	
1/28/2020	0	0	0	Not measurable	
2/4/2020	2	11	10.5	Not measurable	
2/12/2020	0	0	0	Not measurable	
2/12/2020	1.5	11.5	10.25	Not measurable	Water from sumps pumped out on 2/20/2020
2/27/2020	2	42	36	Not measurable	
3/6/2020	1	36	36	Not measurable	
3/11/2020	2	36	35.5	Not measurable	
3/18/2020	0	35.5	35	Not measurable	
3/27/2020	0	29	28	Not measurable	
4/3/2020	1.5	29	28.5	Not measurable	
4/8/2020	0	23	22	Not measurable	
4/15/2020	0.5	23	22	Not measurable	
4/21/2020	0	21	21	Not measurable	
4/28/2020	0	23	22	Not measurable	Measurements were not taken; the inspector was
5/4/2020		-	-	Not Measured	unable to open the sumps
5/12/2020	0	20	19	Not measurable	
5/19/2020	0	15.75	14.25	Not measurable	Sump 1 pumped down (May 22nd)
5/27/2020	0	14	13	Not measurable	
6/1/2020	0	7	5	Not measurable	
6/10/2020	0	10	9	Not measurable	
6/17/2020	1	12	11	Not measurable	
6/25/2020	0	0	0	Not measurable	
6/30/2020	0	0	0	Not measured	
7/1/2020	48	46	47	Not measurable	Sumps 1, 2, & 3 pumped down
7/8/2020	34	24.5	24	Not measurable	Less than 0.1 gal of DNAPL recovered from B107/B108 Sump
					Sheen visible in B99/B100 sump & B107/B108 sump,
7/15/2020	32	29.5	29	Not measurable	less than 0.1 gal of DNAPL recovered B107/B108 sump Less than 0.1 gal of DNAPL recovered from B107/B108
7/23/2020	0	23	22.5	Not measured	Sump
7/31/2020	0	11	10	Not measurable	
8/5/2020	0	7	5	Not measurable	
8/13/2020	1	11	10	Not measurable	
8/19/2020	0	7	6	Not measurable	
8/26/2020	0	10	9	Not measurable	
					Sumps 1, 2, & 3 pumped down (September 1); Sheen
9/2/2020	43	37	38	Not measurable	visible in B99/B100 sump & B107/B108 sump
9/9/2020	28	37	36	Not measurable	Sheen visible in B107/B108 sump
9/15/2020	1	35	33	Not measurable	
9/23/2020	0	0	0	Not measurable	

TABLE 1 NAPL Measurements - NAPL Collection System - Englewood Intermodal Yard UPRR Houston, tx - Wood Preserving Works

9/07/2020         1         10         9         inot measurable           10/8/2020         4         12         11.5         Not measurable           10/15/2020         0         11         10.5         Not measurable           10/15/2020         0         11         10.5         9.75         Not measurable           11/4/2020         0         13         12         Not measurable         11/11/12/2020           11/14/2020         0.5         13         11         Not measurable         11/11/12/2020           11/14/2020         0.5         10.5         Not measurable         11/11/12/2020           11/14/2020         1.6         10         9         Not measurable         11/11/12/2020           11/14/2020         4         3.5         Not measurable         11/11/12/2020         1.6         1.5           11/14/2020         4         3.5         Not measurable         11/11/12/2020         1.6         1.6           11/14/2021         1.6         3.8         Not measurable         11/11/12/12/12/12         1.6         1.6           11/14/2021         0         0         0         Not measurable         1.2         3.9         1.2           11	Measured Date	Sump 1 (B099/B100) Freeboard (in)	Sump 2 (B103/B104) Freeboard (in)	Sump 3 (B107/B108) Freeboard (in)	Depth to DNAPL (in)	Comments
10/15/2020         0         11         10.5         Not mesurable         less than 0.1 gal of DNAPL recovered B107/E008 sur 10/24/2020           11/14/2020         1         10.5         9.25         Not mesurable           11/14/2020         1         10         Not mesurable         Staturable           11/14/2020         3.3         13         12         Not mesurable           11/14/2020         3.5         13         12         Not mesurable           11/14/2020         7         14         13.5         Not mesurable           11/14/2020         7         6         Not mesurable           11/14/2020         6         10.5         9         Not mesurable           11/14/2020         4         3.5         Not mesurable           11/14/2020         4         3.5         Not mesurable           11/14/2020         4         3.5         Not mesurable           11/14/2021         3         39         37.5         Not mesurable           11/14/2021         0         10.5         9         Not mesurable           11/14/2021         0         0         Not mesurable         Surpt 1, 2, 8.3 pumped down           11/28/2021         0         1.5						
10/12/2020         1         10.5         9.25         Not mesurable           11/2/2020         0         11         10         Not mesurable           11/1/2020         9         13         12         Not mesurable           11/1/2020         0.5         12         11         Not mesurable           11/1/2020         7         14         13.5         Not mesurable           11/2/2020         7         14         13.5         Not mesurable           11/2/2020         7         14         13.5         Not mesurable           11/2/2020         2         7         6         Not mesurable           12/1/2020         1         9         7.5         Not mesurable           12/1/2020         1         0.5         Not mesurable         Interval           11/2/2021         1         3.0         Not mesurable         Interval           12/1/2021         0         2.7         Not mesurable         Interval           12/1/2021         0         1.0         9.75         Not mesurable           12/1/2021         0         2.7         Not mesurable         Interval           12/1/2021         0         3.5         Not mesura	10/8/2020	4	12	11.5	Not measurable	
10/12/2020         1         10.5         9.25         Not mesurable           11/2/2020         0         11         10         Not mesurable           11/1/2020         9         13         12         Not mesurable           11/1/2020         0.5         12         11         Not mesurable           11/1/2020         7         14         13.5         Not mesurable           11/2/2020         7         14         13.5         Not mesurable           11/2/2020         7         14         13.5         Not mesurable           11/2/2020         2         7         6         Not mesurable           12/1/2020         1         9         7.5         Not mesurable           12/1/2020         1         0.5         Not mesurable         Interval           11/2/2021         1         3.0         Not mesurable         Interval           12/1/2021         0         2.7         Not mesurable         Interval           12/1/2021         0         1.0         9.75         Not mesurable           12/1/2021         0         2.7         Not mesurable         Interval           12/1/2021         0         3.5         Not mesura						
110/27/2020         0         11         10         Not mesurable           11/1/12/2020         0.5         13         12         Not mesurable           11/1/12/2020         0.5         13         12         Not mesurable           11/1/12/2020         0.5         13         12         Not mesurable           11/1/12/2020         7         6         Not mesurable           11/1/12/2020         2         7         6         Not mesurable           11/1/12/2020         1.0         9         Not mesurable         Not mesurable           11/1/12/2020         4         3.0         9         Not mesurable           11/12/12/2020         4         3.5         Not mesurable         Not mesurable           11/12/12/12         3         3.0         Not mesurable         Not mesurable           11/12/2021         2         1.0         0         0.         Not mesurable           11/12/2021         0         0         0         Not mesurable         Not mesurable           11/12/2021         0         0         0         Not mesurable         Not mesurable           11/12/2021         0         2         1         Not mesurable         Not mesura						Less than 0.1 gal of DNAPL recovered B107/B108 sump
11/1/1/2020         9         13         12         Not messurable           11/11/2020         0.5         12         11         Not messurable           11/14/2020         7         6         Not messurable           11/14/2020         2         7         6         Not messurable           11/14/2020         5         10.5         10         Not messurable           11/14/2020         1         9         7.5         Not messurable           11/14/2020         1         9         7.5         Not messurable           11/14/2020         4         10.5         9         Not messurable           11/14/2020         4         10.5         9         Not messurable           11/14/2020         4         30         25         Not messurable           11/14/2020         4         30         25         Not messurable           11/14/2021         0         27         2.5         Not messurable           11/14/2021         0         0         9         Not messurable           11/14/2021         0         6.5         7         Not messurable           11/14/2021         0         6.5         6         Not messurable						
11/11/2020         0.5         12         11         Not mesurable           11/13/2020         3.5         13         12         Not mesurable           11/13/2020         2.7         6         Not mesurable           11/13/2020         2.7         6         Not mesurable           11/13/2020         1.05         10         Not mesurable           11/13/2020         4         10.9         9         Not mesurable           11/13/2020         4         10.5         9         Not mesurable           11/13/2020         0         4         3.5         Not mesurable           11/13/2020         0         4         3.5         Not mesurable           11/13/2020         0         4         3.5         Not mesurable           11/13/2021         3.1         30         Not mesurable         Seere visible in B107/B108 sump           11/13/2021         0         2.7         7.5         Not mesurable         Seere visible in B107/B108 sump           11/13/2021         0         0         5.7         Not mesurable         Seere visible in B103/L04 and B107/B108 sump           11/13/2021         0         0         5.7         Not mesurable         Seere visible in B103/L04 and						
11/14/2020         3.5         13         12         Not mesurable           11/34/2020         7         16         Not mesurable           12/0/2020         5         10.5         10         Not mesurable           12/0/2020         5         10.5         Not mesurable           12/0/2020         1         9         7.5         Not mesurable           12/0/2020         4         10.5         9         Not mesurable           12/0/2020         4         3.5         Not mesurable         Sinen visible in B107/9108 sump           1/1/5/2021         4.3         30         Not mesurable         Sinen visible in B107/9108 sump           1/2/2/021         0         2.1         Not mesurable         Sinen visible in B107/9108 sump           2/1/1/2021         0         0         0         Not mesurable         Sinen visible in B107/9108 sump           3/1/1/2021         0         0         0         Not mesurable         Sinen visible in B107/9108 sump           3/1/1/2021         0         6.5         7         Not mesurable         Sinen visible in B107/9108 sump           3/1/1/2021         0         6.5         7         Not mesurable         Sinen visible in B107/9108 sump <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td></t<>						
11/14/2020         7         6         Not messurable           11/16/2020         2         7         6         Not messurable           12/16/2020         10.5         10.9         Not messurable           12/16/2020         4         10.9         9         Not messurable           12/15/2020         0         4         35         Not messurable           11/15/2021         43         39         37.5         Not messurable           11/12/2021         0         34         33         Not messurable           11/12/2021         2         31         30         Not messurable           21/11/2021         0         34         30         Not messurable           21/11/2021         0         27.7         25.5         Not messurable           21/11/2021         0         0         0.75         Not messurable           21/11/2021         0         10         9.75         Not messurable           31/11/2021         0         6.5         6         Not messurable           31/11/2021         0         6.5         7         Not messurable           31/11/2021         0         6.5         6         Not messurable						
12/10/2020         5         10.5         10         Not messurable           12/13/2020         1         9         Not messurable         Not messurable           12/23/2020         0         4         3.5         Not messurable         Not messurable           12/23/2020         0         4         3.5         Not messurable         Simps 1.2, 8.3 pumped down           11/22/021         0         3.4         3.3         Not messurable         Sheen visible in B/07/B108 sump           11/27/021         0         3.4         3.0         Not messurable         Sheen visible in B/07/B108 sump           2/10/7021         0         0         0         Not messurable         Sheen visible in B/07/B108 sump           2/10/7021         0         0         0         Not messurable         Sheen visible in B/07/B108 sump           3/10/7021         0         0         7.5         Not messurable         Sheen visible in B/07/B108 sump           3/11/7021         0         2.5         Not messurable         Sheen visible in B/07/B108 sump           3/11/7021         0         6.5         6         Not messurable         Sheen visible in B/07/B108 sump           3/11/7021         0         5.5         Not messurable						
12/18/2020         4         10         9         Not mesurable           12/12/2020         1         9         7.5         Not mesurable           12/12/2020         0         4         3.5         Not mesurable           11/15/2021         4         10.5         9         Not mesurable         Sumps 1, 2, & 3 pumped down           12/12/2021         0         3.4         33         Not mesurable         Sheen visible in 1807/8108 sump           12/12/2021         0         3.4         30         Not mesurable         Sheen visible in 1809/8100 sump           2/14/2021         0         0         0         Not mesurable         Sheen visible in 8099/8100 sump           12/14/2021         0         0         0         Not mesurable         Sheen visible in 8099/8100 sump           3/12/2021         0         7.5         7         Not mesurable         Sheen visible in 8039/160 and 8107/8108 sump           3/12/2021         0         6.5         7         Not mesurable         Sheen visible in 8103/104 and 8107/8108 sump           4/12/2021         0         7.5         7         Not mesurable         Sheen visible in 8103/104 and 8107/8108 sump           4/14/2021         0         7.5         7         Not mesur	11/30/2020	2	7	6	Not measurable	
12/23/2020         1         9         7.5         Not measurable           12/21/2020         0         4         10.5         9         Not measurable         Sumps 1, 2, 8.3 pumped down           1/2/20201         43         39         37.5         Not measurable         Sheen visible in 8007/80.0 sump           1/2/20201         0         34         33         Not measurable         Sheen visible in 8099/8100 sump           2/4/2021         0         27         25.5         Not measurable         Sheen visible in 8099/8100 sump           2/4/2021         0         0         Not measurable         Sheen visible in 8099/8100 sump           2/4/2021         0         0         Not measurable         Sheen visible in 8099/8100 sump           3/4/2021         0         0.5         Not measurable         Sheen visible in 809/104 and 8107/8108 sumps           3/4/2021         0         6.5         6         Not measurable         Sheen visible in 8109/104 and 8107/8108 sumps           4/14/2021         0         6.5         6         Not measurable         Sheen visible in 8109/104 and 8107/8108 sumps           4/14/2021         0         6.5         Not measurable         Sheen visible in 8109/104 and 8107/8108 sumps           4/14/2021         0					Not measurable	
13/21/2000         0         4         3.5         Not mesurable           14/5/2021         4         10.5         9         Not mesurable         Sumps 1, 2, & 3 pumped down           1/22/2021         0         34         33         Not mesurable         Sheen visible in 8107/8108 sump           1/22/2021         2         31         30         Not mesurable         Sheen visible in 809/8100 sump           2/4/2021         0         2.5         Not mesurable         Sheen visible in 8099/8100 sump           2/4/2021         0         0         0         Not mesurable         Signal           3/2/2021         0         0         0         Not mesurable         Signal           3/2/2021         0         3.5         2         Not mesurable         Signal           3/2/2021         0         7.5         7         Not mesurable         Signal           3/2/2021         0         6.5         6         Not mesurable         Signal           3/2/2021         0         7.5         7         Not mesurable         Signal           3/2/2021         0         7.5         7         Not mesurable         Signal           3/2/20201         0         7.5						
If/6/2021         4         10.5         9         Not mesurable         Sumps 1, 2, & 3 pumped down           1/15/2021         0         34         33         Not mesurable         Sheen visible in 007/8108 sump           1/2/2021         2         31         30         Not mesurable         Sheen visible in 0099/8100 sump           2/4/2021         0         27         25.5         Not mesurable         Sheen visible in 0099/8100 sump           2/4/2021         0         0         Not mesurable         Sheen visible in 0099/8100 sump           2/4/2021         0         0         Not mesurable         Sheen visible in 0099/8100 sump           3/4/2021         0         0         Not mesurable         Sheen visible in 0099/8100 sump           3/4/2021         0         6.5         7         Not mesurable           3/4/2021         0         6.5         6         Not mesurable           3/4/2021         0         6.5         7         Not mesurable						
1/15/2021						
1/22/2021         0         34         33         Not messurable         Sheen visible in 807/R08 sump           2/4/2021         2         31         30         Not messurable         Sheen visible in 8099/B100 sump           2/4/2021         0         27         25.5         Not messurable         Sheen visible in 8099/B100 sump           2/4/2021         0         0         0         Not messurable         Sheen visible in 8099/B100 sump           2/4/2021         0         0         0         Not messurable         Sheen visible in 8099/B100 sump           3/4/2021         0         0         0         Not messurable         Sheen visible in 809/A100 sump           3/4/2021         0         2         1         Not messurable         Sheen visible in 8103/104 and 8107/B108 sump           3/4/2021         0         6.5         7         Not messurable         Sheen visible in 8103/104 and 8107/B108 sumps           4/14/2021         0         6.5         6         Not messurable         Sheen visible in 8103/104 and 8107/B108 sumps           5/12/2021         0         6.5         7         Not messurable         Sheen visible in 8103/104 and 8107/B108 sumps           5/12/2021         0         6.5         Not messurable         Sheen visible in 8103/104				-		Sumps 1, 2, & 3 numped down
1/12/3/2021         2         31         30         Not messurable         Sheen visible in B107/B108 sump           2/14/2021         0         27         25.5         Not messurable         Sheen visible in B039/B100 sump           2/11/2021         0         0         Not messurable         Sheen visible in B039/B100 sump           2/12/2021         0         0         Not messurable         Sheen visible in B039/B100 sump           3/12/2021         0         0         0         Not messurable         Sheen visible in B039/B100 sump           3/12/2021         0         2         1         Not messurable         Sheen visible in B039/B100 sump           3/12/2021         0         2         1         Not messurable         Sheen visible in B103/104 and B107/B108 sump           3/12/2021         0         6.5         6         Not messurable         Sheen visible in B103/104 and B107/B108 sumps           4/12/2021         0         6.5         8         Not messurable         Sheen visible in B103/104 and B107/B108 sumps           4/12/2021         0         8         7.5         Not messurable         Sheen visible in B103/104 and B107/B108 sumps           5/12/2021         0         0         Not messurable         Shen visible in B103/104 and B107/B108 sumps     <						
2/10/2021         0         27         25.5         Not messurable           2/14/2021         0         0         Not messurable         1           3/2/2021         0         0         0         Not messurable           3/10/2021         0         0         0         Not messurable           3/17/2021         0         2         1         Not messurable           3/17/2021         0         2         1         Not messurable           3/17/2021         0         2.5         7         Not messurable           3/17/2021         0         5.5         7         Not messurable           3/14/2021         0         6.5         6         Not messurable           4/14/2021         0         6.5         6         Not messurable           4/12/2021         0         8.5         8         Not messurable           5/12/2021         0         8.5         8         Not messurable           5/12/2021         0         8         7.5         Not messurable           5/12/2021         0         0         0         Not messurable           5/12/2021         0         2         0.5         Not messurable <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td></t<>						
2/17/2021         0         0         Not measurable           3/12/2021         0         0         0         Not measurable           3/12/2021         0         0         0         Not measurable           3/12/2021         0         2         1         Not measurable           3/12/2021         0         2         1         Not measurable           3/12/2021         0         5.5         2         Not measurable           3/12/2021         0         6.5         7         Not measurable           3/12/2021         0         6.5         6         Not measurable           4/14/2021         0         6.5         6         Not measurable           4/12/2021         0         6.5         6         Not measurable           5/12/2021         0         7.5         7         Not measurable           5/12/2021         0         7.5         7         Not measurable         5/tz/2021           5/12/2021         0         2         0.5         Not measurable         5/tz/2021           5/212/2021         0         2         0.5         Not measurable         5/tz/2021           5/212/2021         0         30 <td></td> <td>4</td> <td>30</td> <td></td> <td>Not measurable</td> <td>•</td>		4	30		Not measurable	•
2/24/2021         2         10         9.5         Not measurable           3/10/2021         0         0         0         Not measurable           3/10/2021         0         10         9.75         Not measurable           3/11/2021         0         2         1         Not measurable           3/24/2021         0         6.5         7         Not measurable           3/24/2021         0         6.5         7         Not measurable           3/24/2021         0         6.5         6         Not measurable           4/14/2021         0.5         9         8.5         Not measurable           4/12/2021         0.6         6.5         6         Not measurable           5/12/2021         0         8.5         8         Not measurable           5/12/2021         0         8         7.5         Not measurable           5/2/2021         0         2         0.5         Not measurable         Sheen visible in B107/108 sump           6/2/2021         0         2         0.5         Not measurable         Sheen visible in B107/108 sump           6/3/2021         0         2         0.5         Not measurable         Sheen visible in B107/108 su	2/10/2021	0	27	25.5	Not measurable	
3/12/2021         0         0         Not measurable           3/10/2021         0         10         9.75         Not measurable           3/17/2021         0         2         1         Not measurable           3/12/2021         0         3.5         2         Not measurable           3/12/2021         0         6.5         7         Not measurable           4/14/2021         0         6.5         7         Not measurable           4/14/2021         0         6.5         6         Not measurable           4/14/2021         0         6.5         6         Not measurable           4/12/2021         0         8.5         Not measurable         Sheen visible in B103/104 and B107/B108 sumps           4/21/2021         0         8.7         Not measurable         Sheen visible in B103/104 and B107/B108 sumps           5/5/2021         0         7.5         7         Not measurable         Sheen visible in B103/104 and B107/B108 sumps           5/17/2021         0         0         0         Not measurable         Simps 1.2, & 3 pumped down           6/2/2021         0         30         2.6         Not measurable         Simps 1.2, & 3 pumped down           6/15/2021				-		
3/10/2021         0         10         9.75         Not measurable           3/17/2021         0         2         1         Not measurable           3/24/2021         0         3.5         2         Not measurable           3/24/2021         0         6.5         7         Not measurable           3/24/2021         0         6.5         7         Not measurable           4/14/2021         0         6.5         6         Not measurable           4/22/2021         0         6.5         6         Not measurable           5/5/2021         0         8.5         8         Not measurable           5/5/2021         0         7.5         7         Not measurable           5/5/2021         0         2         0.5         Not measurable           5/5/2020         0         2         0.5         Not measurable           5/27/2021         0         30         2.8.5         Not measurable           5/27/2021         0         30         2.8.5         Not measurable           6/3/2021         0         30         2.8.5         Not measurable           6/3/2021         0         31         Not measurable         Not						
3/17/2021         0         2         1         Not measurable           3/17/2021         0         3.5         2         Not measurable           3/17/2021         0         6.5         7         Not measurable           4/12/2021         0         7.5         7         Not measurable           4/14/2021         0         6.5         6         Not measurable           4/11/2021         0         6.5         6         Not measurable           4/12/2021         0         6.5         7         Not measurable           4/12/2021         0         6.5         7         Not measurable           5/12/2021         0         8.5         Not measurable         Sheen visible in B103/104 and B107/B108 sumps           5/12/2021         0         8         7.5         Not measurable         Sheen visible in B103/104 and B107/B108 sumps           5/12/2021         0         0         0         Not measurable         Sumps 1,2, & 3 pumped down           6/12/2021         0         30         1         Not measurable         Sumps 1,2, & 3 pumped down (July 15)           7/17/2021         0         3         1         Not measurable         Sumps 1,2, & 3 pumped down (July 15)						
3/24/2021         0         3.5         2         Not measurable           3/31/2021         0         6.5         7         Not measurable           4/4/2021         0         7.5         7         Not measurable           4/14/2021         0         6.5         6         Not measurable           4/12/2021         0         6.5         6         Not measurable           4/22/2021         0         8.5         8         Not measurable           5/5/2021         0         8.5         8         Not measurable           5/12/2021         0         8         7.5         Not measurable           5/12/2021         0         8         7.5         Not measurable           5/12/2021         0         0         0         Not measurable           5/12/2021         0         30         2.8.5         Not measurable           6/16/2021         0         24         2.5         Not measurable           6/16/2021         0         12         13         Not measurable           7/12/2021         0         0         0         Not measurable           7/12/2021         0         33         1         Not measurable						
3/31/2021         0         6.5         7         Not measurable           4/8/2021         0         7.5         7         Not measurable           4/14/2021         0         6.5         6         Not measurable         Less than 0.1 gal of DNAPL recovered B107/B108 sumps           4/21/2021         0         6.5         6         Not measurable         Sheen visible in B103/104 and B107/B108 sumps           4/21/2021         0         8.5         8         Not measurable         Sheen visible in B103/104 and B107/B108 sumps           5/12/2021         0         8.7         7         Not measurable         Sheen visible in B107/108 sump           5/12/2021         0         2         0.5         Not measurable         Simps 1.2, & 3 pumped down           6/3/2021         0         2         0.5         Not measurable         Sheen visible in B107/108 sump           6/3/2021         0         24         25         Not measurable         Sheen visible in B103/104 and B107/B108 sump           7/1/2021         0         28.5         Not measurable         Sheen visible in B107/108 sump           6/3/2021         0         3         1         Not measurable         Sheen visible in B103/104 and B107/B108 sumps           7/12/2021         0 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
4/8/2021         0         7.5         7         Not measurable           4/14/2021         0         6.5         6         Not measurable         Less than 0.1 gal of DNAPL recovered B107/B108 sumps           4/22/2021         0         5.5         9         Not measurable         Sheen visible in B103/104 and B107/B108 sumps           5/12/2021         0         7.5         7         Not measurable         Sheen visible in B103/104 and B107/B108 sumps           5/12/2021         0         7.5         7         Not measurable         Simps 1.2, & 3 pumped down           5/12/2021         0         2         0.5         Not measurable         Sumps 1.2, & 3 pumped down           6/2/2021         0         24         25         Not measurable         Sheen visible in B107/108 sump           6/3/2021         0         12         13         Not measurable         Sheen visible in B107/108 sump           6/3/2021         0         12         13         Not measurable         Sheen visible in B107/108 sump           6/3/2021         0         0         0         Not measurable         Sheen visible in B107/108 sump           7/12/2021         0         3         1         Not measurable         Sumps 1.2, & 3 pumped down (July 15)						
4/14/2021         0         6.5         6         Not measurable         Less than 0.1 gal of DNAPL recovered B107/B108 sumps           4/21/2021         0         8.5         Not measurable         Sheen visible in B103/104 and B107/B108 sumps           5/12/2021         0         7.5         7         Not measurable         Sheen visible in B103/104 and B107/B108 sumps           5/12/2021         0         0         0         Not measurable         Sheen visible in B103/104 and B107/B108 sumps           5/12/2021         0         0         0         Not measurable         Simps 1,2, & 3 pumped down           5/27/2021         0         2         0.5         Not measurable         Sheen visible in B107/108 sump           6/16/2021         0         24         25         Not measurable         Sheen visible in B107/108 sump           6/27/2021         0         12         13         Not measurable         Sheen visible in B107/108 sump           6/30/2021         0         0         0         Not measurable         Sumps 1,2, & 3 pumped down (luly 15)           7/12/2021         0         37         35.5         Not measurable         Sheen visible in B103/104 and B107/B108 sumps           8/3/2021         0         20         17         Not measurable		-				
4/14/2021         0         6.5         6         Not measurable         Sheen visible in B103/104 and B107/B108 sumps           4/21/2021         0         5.5         8         Not measurable         5           5/12/2021         0         7.5         7         Not measurable         5           5/12/2021         0         0         0         Not measurable         5           5/12/2021         0         0         0         Not measurable         5           5/27/2021         0         2         0.5         Not measurable         Sheen visible in B107/108 sump           6/2/7021         0         40         38         Not measurable         Sheen visible in B107/108 sump           6/3/2021         0         24         25         Not measurable         5           6/3/2021         0         3         1         Not measurable         5           7/1/2021         0         0         Not measurable         Sumps 1,2, & 3 pumped down (July 15)           7/1/2021         0         3         1         Not measurable         Sumps 1,2, & 3 pumped down (July 15)           7/2/2021         0         36         34         Not measurable         Sheen visible in B103/104 and B107/B108 sumps	., .,			-		
4/21/2021         0.5         9         8.5         Not measurable           4/28/2021         0         8.5         8         Not measurable           5/5/2021         0         7.5         7         Not measurable           5/13/2021         0         8         7.5         Not measurable           5/13/2021         0         8         7.5         Not measurable           5/26/2021         0         2         0.5         Not measurable           5/27/2021         0         40         38         Not measurable           6/2/2021         0         2         0.5         Not measurable           6/3/2021         0         24         25         Not measurable           6/3/2021         0         12         13         Not measurable           6/3/2021         0         3         1         Not measurable           7/12/2010         0         0         0         Not measurable           7/12/2021         0         37         35.5         Not measurable           8/1/2021         0         33         32         Not measurable           8/1/2021         0         20         22         Not measurable </td <td></td> <td></td> <td></td> <td></td> <td></td> <td>Less than 0.1 gal of DNAPL recovered B107/B108 sump;</td>						Less than 0.1 gal of DNAPL recovered B107/B108 sump;
4/28/2021         0         8.5         8         Not measurable           5/1/2021         0         7.5         7         Not measurable           5/1/2021         0         8         7.5         Not measurable           5/12/2021         0         0         0         Not measurable           5/26/2021         0         2         0.5         Not measurable           5/27/2021         41         32         26         Not measurable           5/27/2021         0         30         28.5         Not measurable           6/1/2021         0         30         28.5         Not measurable           6/2/2021         0         12         13         Not measurable           6/30/2021         0         3         1         Not measurable           7/1/2021         0         3         1         Not measurable           7/1/2021         0         37         35.5         Not measurable         Sheen visible in B103/104 and B107/B108 sumps           7/29/2021         0         33         32         Not Measurable         Depth to DNAPL measuraments were not taken; the           8/11/2021         0         33         32         Not measurable         S	4/14/2021	0	6.5	6	Not measurable	Sheen visible in B103/104 and B107/B108 sumps
5/5/2021         0         7.5         7         Not measurable           5/12/2021         0         8         7.5         Not measurable           5/13/2021         0         0         0         Not measurable           5/26/2021         0         2         0.5         Not measurable           5/27/2021         0         2         0.5         Not measurable           5/27/2021         0         2         0.5         Not measurable           6/2/2021         0         24         25         Not measurable           6/2/2021         0         12         13         Not measurable           6/2/2021         0         12         13         Not measurable           6/30/2021         0         0         0         Not measurable           7/1/2021         0         0         0         Not measurable           7/21/2021         0         37         35.5         Not measurable           8/4/2021         0         36         34         Not measurable           8/11/2021         0         33         32         Not Measurable           9/12/2021         0         20         17         Not measurable						
\$\frac{12}{2021}         0         8         7.5         Not measurable           \$\frac{5}{19}{2021}         0         0         0         Not measurable           \$\frac{5}{2}{7}{2021}         0         2         0.5         Not measurable         Sumps 1,2, & 3 pumped down           \$\frac{6}{7}{2}{7}{2021}         0         40         38         Not measurable         Sumps 1,2, & 3 pumped down           \$\frac{6}{7}{2}{7}{2021}         0         24         25         Not measurable         \$\frac{6}{7}{3}{7}{2}{0}{2}{1}\$         0         12         13         Not measurable         \$\frac{6}{7}{3}{7}{2}{0}{2}{2}{1}\$         0         12         13         Not measurable         \$\frac{6}{7}{3}{7}{2}{0}{2}{2}{1}\$         0         12         13         Not measurable         \$\frac{6}{7}{3}{7}{2}{7}{2}{1}{2}{1}{0}{1}{1}{0}{1}{1}{0}{1}{0}{1}{0}{1}{0}{1}{0}{1}{0}{1}{0}{1}{0}{1}{0}{1}{0}{1}{1}{0}{1}{1}{0}{1}{1}{0}{1}{1}{0}{1}{1}{1}{1}{1}{1}{1}{1}{1}{1}{1}{1}{1}						
\$/19/2021         0         0         Not measurable           \$/2/2021         0         2         0.5         Not measurable           \$/2/2021         0         2         0.5         Not measurable         Sumps 1,2, & 3 pumped down           \$/2/2021         0         40         38         Not measurable         Sheen visible in B107/108 sump           \$6/9/2021         0         30         28.5         Not measurable         Sheen visible in B107/108 sump           \$6/16/2021         0         24         25         Not measurable         Sheen visible in B107/108 sump           \$6/30/2021         0         12         13         Not measurable         Sumps 1,2, & 3 pumped down (July 15)           7/17/2021         0         0         0         Not measurable         Sumps 1,2, & 3 pumped down (July 15)           7/14/2021         0         37         35.5         Not measurable         Sheen visible in B103/104 and B107/B108 sumps           8/1/2021         0         36         34         Not measurable         Sheen visible in B103/104 and B107/B108 sumps           9/1/2021         0         20         22         Not measurable         Sheen visible in B107/B108 sump           9/1/2021         0         20         22						
\$/26/2021         0         2         0.5         Not measurable           \$/27/2021         41         32         26         Not measurable         Sumps 1,2, & 3 pumped down           6/2/2021         0         40         38         Not measurable         Sheen visible in B107/108 sump           6/3/2021         0         24         25         Not measurable         Sheen visible in B107/108 sump           6/3/2021         0         12         13         Not measurable         Sheen visible in B107/108 sump           6/3/2021         0         3         1         Not measurable         Sumps 1,2, & 3 pumped down (July 15)           7/1/2021         0         0         0         Not measurable         Sumps 1,2, & 3 pumped down (July 15)           7/21/2021         0         36         34         Not measurable         Sheen visible in B103/104 and B107/8108 sumps           8/11/2021         0         36         34         Not measurable         Depth to DNAPL measurements were not taken; the interface probe was not functioning properly           8/18/2021         0         25         23         Not measurable         Sheen visible in B103/104 and B107/8108 sumps           9/1/2021         0         20         17         Not measurable         Sheen visibl						
5/27/2021         41         32         26         Not measurable         Sumps 1,2, & 3 pumped down           6/2/2021         0         40         38         Not measurable         Sheen visible in B107/108 sump           6/9/2021         0         30         228.5         Not measurable         Sheen visible in B107/108 sump           6/23/2021         0         12         13         Not measurable         Sheen visible           6/30/2021         0         3         1         Not measurable         Sheen visible           7/1/2021         0         0         0         Not measurable         Sumps 1,2, & 3 pumped down (July 15)           7/21/2021         0         3         1         Not measurable         Sumps 1,2, & 3 pumped down (July 15)           7/21/2021         0         36         34         Not measurable         Sheen visible in B103/104 and B107/B108 sumps           8/4/2021         0         36         34         Not measurable         Depth to DNAPL measurements were not taken; the interface probe was not functioning properly           8/13/2021         0         20         17         Not measurable         Sumps 1,2, & 3 pumped down (September 17)           9/12/2021         0         20         17         Not measurable <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td></td<>						
6/2/2021         0         40         38         Not measurable         Sheen visible in B107/108 sump           6/9/2021         0         30         28.5         Not measurable            6/16/2021         0         24         25         Not measurable            6/30/2021         0         12         13         Not measurable            6/30/2021         0         3         1         Not measurable            7/7/2021         0         0         0         Not measurable            7/12/2021         0         37         35.5         Not measurable            7/21/2021         0         36         34         Not measurable            8/4/2021         0         36         34         Not measurable            8/11/2021         0         33         32         Not Measuradi         interface probe was not functioning properly           8/12/2021         0         20         17         Not measurable         Sumps 1,2, & 3 pumped down (September 17)           9/12/2021         0         20         17         Not measurable         Sheen visible in B103/104 and B107/B108 sumps           9/22/202						Sumps 1,2, & 3 pumped down
6/16/2021         0         24         25         Not measurable           6/23/2021         0         12         13         Not measurable           6/30/2021         0         3         1         Not measurable           7/7/2021         0         0         0         Not measurable           7/14/2021         0         0         0         Not measurable           7/21/2021         0         39         37         Not measurable           7/21/2021         0         36         34         Not measurable           8/4/2021         0         36         34         Not measurable           8/11/2021         0         33         32         Not Measurable           8/12/2021         0         25         23         Not measurable           9/1/2021         0         20         17         Not measurable           9/1/2021         0         20         17         Not measurable           9/1/2021         0         3         4         Not measurable           9/1/2021         0         29         30.75         Not measurable         Sheen visible in B103/104 and B107/B108 sumps           10/7/2021         6         18		0	40			
6/23/2021         0         12         13         Not measurable           6/30/2021         0         3         1         Not measurable           7/7/2021         0         0         0         Not measurable           7/14/2021         0         0         0         Not measurable           7/20/2021         0         39         37         Not measurable           7/29/2021         0         36         34         Not measurable           8/4/2021         0         36         34         Not measurable           8/11/2021         0         36         34         Not Measurable           8/12/2021         0         25         23         Not Measurable           8/12/2021         0         20         22         Not measurable           9/1/2021         0         20         17         Not measurable           9/1/2021         0         3         4         Not measurable           9/22/2021         3.15         46         46         Not measurable           9/22/2021         0         29         30.75         Not measurable         Sheen visible in B103/104 and B107/B108 sumps           10/7/2021         6         18	6/9/2021	0	30	28.5	Not measurable	
6/30/2021         0         3         1         Not measurable           7/1/2021         0         0         0         Not measurable           7/1/2021         0         0         0         Not measurable           7/12/2021         0         39         37         Not measurable           7/29/2021         0         37         35.5         Not measurable           8/4/2021         0         36         34         Not measurable           8/4/2021         0         36         34         Not measurable           8/11/2021         0         33         32         Not Measurable           8/12/2021         0         25         23         Not measurable           9/1/2021         0         20         22         Not measurable           9/1/2021         0         20         17         Not measurable           9/15/2021         0         20         17         Not measurable           9/15/2021         0         3         4         Not measurable           9/12/2021         0         29         30.75         Not measurable         Sumps 1,2, & 3 pumped down (September 17)           9/22/2021         0         29						
7/7/2021         0         0         Not measurable         Sumps 1,2, & 3 pumped down (July 15)           7/21/2021         0         39         37         Not measurable         Sumps 1,2, & 3 pumped down (July 15)           7/21/2021         0         37         35.5         Not measurable         Sumps 1,2, & 3 pumped down (July 15)           7/21/2021         0         37         35.5         Not measurable         Depth to DNAPL measurements were not taken, the interface probe was not functioning properly           8/4/2021         0         25         23         Not measurable         Depth to DNAPL measurements were not taken, the interface probe was not functioning properly           8/18/2021         0         20         22         Not measurable         Depth to DNAPL measurements were not taken, the interface probe was not functioning properly           9/1/2021         0         20         17         Not measurable         Sumps 1,2, & 3 pumped down (September 17)           9/15/2021         0         29         30.75         Not measurable         Sheen visible in B103/104 and B107/B108 sumps           9/12/2021         0         29         30.75         Not measurable         Sheen visible in B103/104 and B107/B108 sumps           9/12/2021         0         29         30.75         Not measurable         sump </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
7/14/2021         0         0         Not measurable         Sumps 1,2, & 3 pumped down (July 15)           7/21/2021         0         37         37.5.5         Not measurable         1           7/29/2021         0         37         35.5         Not measurable         Sheen visible in B103/104 and B107/B108 sumps           8/4/2021         0         36         34         Not measurable         Sheen visible in B103/104 and B107/B108 sumps           8/11/2021         0         33         32         Not Measurable         Depth to DNAPL measurements were not taken; the interface probe was not functioning properly           8/18/2021         0         20         22         Not measurable         Depth to DNAPL measurements were not taken; the interface probe was not functioning properly           8/18/2021         0         20         17         Not measurable         Sheen visible in B107/B108 sumps           9/12/2021         0         20         17         Not measurable         Sumps 1,2, & 3 pumped down (September 17)           9/22/2021         0         29         30.75         Not measurable         Sheen visible in B103/104 and B107/B108 sumps; brown discoloration and slight odor noted B099/B10           10/17/2021         6         18         17.5         Not measurable         Sheen visible in B09/B10 sump						
7/21/2021         0         39         37         Not measurable           7/29/2021         0         37         35.5         Not measurable         Sheen visible in B103/104 and B107/B108 sumps           8/4/2021         0         36         34         Not measurable         Depth to DNAPL measurements were not taken; the interface probe was not functioning properly           8/11/2021         0         25         23         Not measurable         Depth to DNAPL measurements were not taken; the interface probe was not functioning properly           8/18/2021         0         25         23         Not measurable         Depth to DNAPL measurements were not taken; the interface probe was not functioning properly           8/125/2021         0         20         22         Not measurable         Depth to DNAPL measurements were not taken; the instructioning properly           9/1/2021         0         20         17         Not measurable         Sumps 1,2, & 3 pumped down (September 17)           9/22/2021         0         3         4         Not measurable         Sheen visible in B103/104 and B107/B108 sump           9/29/2021         0         29         30.75         Not measurable         Sheen visible in B103/104 and B107/B108 sumps; brown discoloration and slight odor noted B099/B10           10/7/2021         0         13.94         1						Summer 1 2, 9, 2 numbed down (July 15)
7/29/2021         0         37         35.5         Not measurable         Sheen visible in B103/104 and B107/B108 sumps           8/4/2021         0         36         34         Not measurable         Sheen visible in B103/104 and B107/B108 sumps           8/11/2021         0         33         32         Not Measurable         Depth to DNAPL measurements were not taken; the interface probe was not functioning properly           8/18/2021         0         25         23         Not measurable         interface probe was not functioning properly           9/12/2021         0         20         22         Not measurable         interface probe was not functioning properly           9/18/2021         0         20         17         Not measurable         interface probe was not functioning properly           9/18/2021         0         3         4         Not measurable         sumps 1,2, & 3 pumped down (September 17)           9/12/2021         0         3         4         Not measurable         Sheen visible in B103/104 and B107/B108 sump           9/22/2021         0         29         30.75         Not measurable         Sheen visible in B103/104 and B107/B108 sumps           10/7/2021         6         18         17.5         Not measurable         Sheen visible in B103/104 and B107/B108 sumps						
8/11/2021         0         33         32         Not Measured interface probe was not functioning properly           8/18/2021         0         25         23         Not measurable         interface probe was not functioning properly           8/18/2021         0         20         22         Not measurable         interface probe was not functioning properly           9/1/2021         0         20         17         Not measurable         interface probe was not functioning properly           9/1/2021         0         20         17         Not measurable         interface probe was not functioning properly           9/1/2021         0         3         4         Not measurable         interface probe was not functioning properly           9/1/2021         0         3         4         Not measurable         Sumps 1,2, & 3 pumped down (September 17)           9/22/2021         0         29         30.75         Not measurable         Sheen visible in B103/104 and B107/B108 sumps           10/7/2021         6         18         17.5         Not measurable         sump           10/20/2021         0         13.94         12.6         Not measurable         sump           10/20/2021         0         22         21         Not measurable         Sheen visibl						
8/11/2021         0         33         32         Not Measured interface probe was not functioning properly           8/18/2021         0         25         23         Not measurable         interface probe was not functioning properly           8/18/2021         0         20         22         Not measurable         interface probe was not functioning properly           9/1/2021         0         20         17         Not measurable         interface probe was not functioning properly           9/1/2021         0         20         17         Not measurable         interface probe was not functioning properly           9/1/2021         0         3         4         Not measurable         interface probe was not functioning properly           9/1/2021         0         3         4         Not measurable         Sumps 1,2, & 3 pumped down (September 17)           9/22/2021         0         29         30.75         Not measurable         Sheen visible in B103/104 and B107/B108 sumps           10/7/2021         6         18         17.5         Not measurable         sump           10/20/2021         0         13.94         12.6         Not measurable         sump           10/20/2021         0         22         21         Not measurable         Sheen visibl	8/4/2021	0	36	34	Not measurable	Sheen visible in B103/104 and B107/B108 sumps
8/18/2021         0         25         23         Not measurable           8/25/2021         0         20         22         Not measurable           9/1/2021         0         20         17         Not measurable           9/8/2021         3         14         11         Not measurable           9/8/2021         0         3         4         Not measurable           9/15/2021         0         3         4         Not measurable           9/15/2021         0         3         4         Not measurable           9/22/2021         31.5         46         46         Not measurable         Sheen visible in B107/B108 sump           9/22/2021         0         29         30.75         Not measurable         Sheen visible in B103/104 and B107/B108 sumps           10/7/2021         6         18         17.5         Not measurable         sump           10/13/2021         0         13.94         12.6         Not measurable         sump           10/27/2021         0         22         21         Not measurable         Sheen visible in B099/B100 sump           11/10/2021         10         20         21         Not measurable         Sheen visible in B099/B100 sump						Depth to DNAPL measurements were not taken; the
8/25/2021         0         20         22         Not measurable           9/1/2021         0         20         17         Not measurable           9/8/2021         3         14         11         Not measurable           9/15/2021         0         3         4         Not measurable           9/15/2021         0         3         4         Not measurable           9/22/2021         31.5         46         46         Not measurable           9/22/2021         0         29         30.75         Not measurable         Sheen visible in B103/104 and B107/B108 sumps           10/7/2021         6         18         17.5         Not measurable         Sheen visible in B103/104 and B107/B108 sumps; brown discoloration and slight odor noted B099/B10           10/13/2021         3.6         10.56         9.72         Not measurable         sump           10/20/2021         0         13.94         12.6         Not measurable         sumps 1.2, & 3 pumped down (October 21)           10/20/2021         0         22         21         Not measurable         Sheen visible in B099/B100 sump           11/3/2021         10         20         21         Not measurable         Sheen visible in B099/B100 sump           11/10/	8/11/2021		33	32	Not Measured	interface probe was not functioning properly
9/1/2021         0         20         17         Not measurable           9/8/2021         3         14         11         Not measurable         Sumps 1,2, & 3 pumped down (September 17)           9/15/2021         0         3         4         Not measurable         Sumps 1,2, & 3 pumped down (September 17)           9/22/2021         31.5         46         46         Not measurable         Sheen visible in B107/B108 sump           9/29/2021         0         29         30.75         Not measurable         Sheen visible in B103/104 and B107/B108 sumps           10/7/2021         6         18         17.5         Not measurable         Sheen visible in B103/104 and B107/B108 sumps; brown discoloration and slight odor noted B099/B10           10/13/2021         3.6         10.56         9.72         Not measurable         sump           10/20/2021         0         13.94         12.6         Not measurable         sumps 1,2, & 3 pumped down (October 21)           10/207/2021         0         22         21         Not measurable         Sheen visible in B099/B100 sump           11/3/2021         10         20         21         Not measurable         Sheen visible in B099/B100 sump           11/3/2021         12         16         15         Not measurable						
9/8/2021         3         14         11         Not measurable           9/15/2021         0         3         4         Not measurable         Sumps 1,2, & 3 pumped down (September 17)           9/22/2021         31.5         46         46         Not measurable         Sheen visible in B107/B108 sump           9/29/2021         0         29         30.75         Not measurable         Sheen visible in B103/104 and B107/B108 sumps           10/7/2021         6         18         17.5         Not measurable         Sheen visible in B103/104 and B107/B108 sumps; brown discoloration and slight odor noted B099/B10           10/13/2021         3.6         10.56         9.72         Not measurable         sump           10/20/2021         0         13.94         12.6         Not measurable         sumps           10/27/2021         0         22         21         Not measurable         Sheen visible in B099/B100 sump           11/3/2021         10         20         21         Not measurable         Sheen visible in B099/B100 sump           11/3/2021         10         20         21         Not measurable         Sheen visible in B099/B100 sump           11/10/2021         12         16         15         Not measurable         Sheen visible in B099/B100 sump </td <td></td> <td></td> <td></td> <td></td> <td></td> <td> </td>						
9/15/2021         0         3         4         Not measurable         Sumps 1,2, & 3 pumped down (September 17)           9/22/2021         31.5         46         46         Not measurable         Sheen visible in B107/B108 sump           9/29/2021         0         29         30.75         Not measurable         Sheen visible in B103/104 and B107/B108 sumps           10/7/2021         6         18         17.5         Not measurable         Sheen visible in B103/104 and B107/B108 sumps; brown discoloration and slight odor noted B099/B10           10/13/2021         3.6         10.56         9.72         Not measurable         sump           10/20/2021         0         13.94         12.6         Not measurable         sump           10/27/2021         0         22         21         Not measurable         Sheen visible in B099/B100 sump           11/3/2021         10         20         21         Not measurable         Sheen visible in B099/B100 sump           11/3/2021         12         16         15         Not measurable         Sheen visible in B099/B100 sump           11/10/2021         12         16         15         Not measurable         Intra-1/1/1/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2						
9/22/2021         31.5         46         46         Not measurable         Sheen visible in B107/B108 sump           9/29/2021         0         29         30.75         Not measurable         Sheen visible in B103/104 and B107/B108 sumps           10/7/2021         6         18         17.5         Not measurable         Sheen visible in B103/104 and B107/B108 sumps; brown discoloration and slight odor noted B099/B10           10/13/2021         3.6         10.56         9.72         Not measurable         sump           10/20/2021         0         13.94         12.6         Not measurable         sump           10/27/2021         0         22         21         Not measurable         Sheen visible in B099/B100 sump           11/3/2021         10         20         21         Not measurable         Sheen visible in B099/B100 sump           11/3/2021         10         20         21         Not measurable         Sheen visible in B099/B100 sump           11/10/2021         12         16         15         Not measurable         Sheen visible in B099/B100 sump           11/24/2021         7         14         13         Not measurable         Intersurable           12/8/2021         6         12.5         12         Not measurable         Inteasur						Sumps 1.2. & 3 numbed down (Sentember 17)
9/29/2021         0         29         30.75         Not measurable         Sheen visible in B103/104 and B107/B108 sumps           10/7/2021         6         18         17.5         Not measurable         Sheen visible in B103/104 and B107/B108 sumps; brown discoloration and slight odor noted B099/B10           10/13/2021         3.6         10.56         9.72         Not measurable         sump           10/20/2021         0         13.94         12.6         Not measurable         sump           10/27/2021         0         22         21         Not measurable         Sheen visible in B099/B100 sump           11/3/2021         10         20         21         Not measurable         Sheen visible in B099/B100 sump           11/1/2021         12         16         15         Not measurable         Image: Sheen visible in B099/B100 sump           11/17/2021         8         16         15         Not measurable         Image: Sheen visible in B099/B100 sump           11/2/2021         7         14         13         Not measurable         Image: Sheen visible in B09/B100 sump           12/12/2021         7         15         14         Not measurable         Image: Sheen visible in B09/B100 sump           12/8/2021         6         12.5         12 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td></td<>						
10/7/2021         6         18         17.5         Not measurable           10/13/2021         3.6         10.56         9.72         Not measurable         sump           10/20/2021         0         13.94         12.6         Not measurable         sump           10/27/2021         0         22         21         Not measurable         Sheen visible in B099/B10           10/27/2021         0         22         21         Not measurable         Sumps 1,2, & 3 pumped down (October 21)           11/3/2021         10         20         21         Not measurable         Sheen visible in B099/B100 sump           11/10/2021         12         16         15         Not measurable         Sheen visible in B099/B100 sump           11/17/2021         8         16         15         Not measurable         Sheen visible in B099/B100 sump           11/17/2021         7         14         13         Not measurable         Sheen visible in B099/B100 sump           12/12/2021         7         15         14         Not measurable         Sheen visible in B099/B100 sump           12/8/2021         6         12.5         12         Not measurable         Sheen visible in B099/B100 sump           12/15/2021         7         15 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
Interse         Sheen visible in B103/104 and B107/B108 sumps; brown discoloration and slight odor noted B099/B10 sump           10/13/2021         3.6         10.56         9.72         Not measurable         sump           10/20/2021         0         13.94         12.6         Not measurable         sumps 1,2, & 3 pumped down (October 21)           10/27/2021         0         22         21         Not measurable         Sheen visible in B099/B100 sump           11/3/2021         10         20         21         Not measurable         Sheen visible in B099/B100 sump           11/10/2021         12         16         15         Not measurable         Sheen visible in B099/B100 sump           11/17/2021         8         16         15         Not measurable         Sheen visible in B099/B100 sump           11/17/2021         7         14         13         Not measurable         Sheen visible in B099/B100 sump           12/2/2021         7         15         14         Not measurable         Sheen visible in B09/B100 sump           12/8/2021         6         12.5         12         Not measurable         Sheen visible in B09/B100 sump           12/21/2021         7         15         15         Not measurable         Sheen visible in B09/B100 sump <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td></t<>						
brown discoloration and slight odor noted B099/B10           10/13/2021         3.6         10.56         9.72         Not measurable         sump           10/20/2021         0         13.94         12.6         Not measurable         Sumps 1,2, & 3 pumped down (October 21)           10/27/2021         0         22         21         Not measurable         Sheen visible in B099/B100 sump           11/3/2021         10         20         21         Not measurable         Sheen visible in B099/B100 sump           11/3/2021         10         20         21         Not measurable         Sheen visible in B099/B100 sump           11/10/2021         12         16         15         Not measurable         Sheen visible in B099/B100 sump           11/17/2021         8         16         15         Not measurable         Sheen visible in B099/B100 sump           11/24/2021         7         14         13         Not measurable         Sheen visible in B099/B100 sump           12/8/2021         7         15         14         Not measurable         Sheen visible in B09/B100 sump           12/15/2021         7         15         15         Not measurable         Sheen visible in B09/B100 sump           12/22/2021         -         -         Not measu						Sheen visible in B103/104 and B107/B108 sumps;
10/20/2021         0         13.94         12.6         Not measurable         Sumps 1,2, & 3 pumped down (October 21)           10/27/2021         0         22         21         Not measurable         Sheen visible in B099/B100 sump           11/3/2021         10         20         21         Not measurable         Sheen visible in B099/B100 sump           11/3/2021         10         20         21         Not measurable         Sheen visible in B099/B100 sump           11/3/2021         12         16         15         Not measurable         Sheen visible in B099/B100 sump           11/17/2021         8         16         15         Not measurable         Sheen visible in B099/B100 sump           11/17/2021         8         16         15         Not measurable         Sheen visible in B099/B100 sump           11/24/2021         7         14         13         Not measurable         Sheen visible in B099/B100 sump           12/1/2021         7         15         14         Not measurable         Sheen visible in B099/B100 sump           12/8/2021         6         12.5         12         Not measurable         Sheen visible in B09/B100 sump           12/25/2021         7         15         15         Not measurable         Sheen visible in B09/B						brown discoloration and slight odor noted B099/B100
10/27/2021         0         22         21         Not measurable         Sheen visible in B099/B100 sump           11/3/2021         10         20         21         Not measurable         Image: Sheen visible in B099/B100 sump           11/3/2021         10         20         21         Not measurable         Image: Sheen visible in B099/B100 sump           11/10/2021         12         16         15         Not measurable         Image: Sheen visible in B099/B100 sump           11/10/2021         12         16         15         Not measurable         Image: Sheen visible in B099/B100 sump           11/24/2021         7         14         13         Not measurable         Image: Sheen visible in B099/B100 sump           12/1/2021         7         15         14         Not measurable         Image: Sheen visible in B099/B100 sump           12/8/2021         6         12.5         12         Not measurable         Image: Sheen visible in Sheen visible           12/15/2021         7         15         15         Not measurable         Image: Sheen visible in Sheet visible           12/22/2021         -         -         -         Not Measured         Partial site inspection conducted 12/22/21; Sump           12/22/2021         -         -         - <td< td=""><td></td><td></td><td></td><td></td><td></td><td>· ·</td></td<>						· ·
11/3/2021         10         20         21         Not measurable           11/10/2021         12         16         15         Not measurable           11/10/2021         12         16         15         Not measurable           11/17/2021         8         16         15         Not measurable           11/24/2021         7         14         13         Not measurable           12/1/2021         7         15         14         Not measurable           12/8/2021         6         12.5         12         Not measurable           12/15/2021         7         15         15         Not measurable           12/2/2021         7         15         15         Not measurable           12/2/2/2021         -         -         -         Not measurable						
11/10/2021         12         16         15         Not measurable           11/17/2021         8         16         15         Not measurable           11/24/2021         7         14         13         Not measurable           12/1/2021         7         15         14         Not measurable           12/1/2021         7         15         14         Not measurable           12/8/2021         6         12.5         12         Not measurable           12/15/2021         7         15         15         Not measurable           12/2/2/2021         -         -         Not measurable         Partial site inspection conducted 12/22/21; Sump measurements were not taken						Sueeu visipie iu Roaa/RTOO somb
11/17/2021         8         16         15         Not measurable           11/24/2021         7         14         13         Not measurable           12/1/2021         7         15         14         Not measurable           12/1/2021         7         15         14         Not measurable           12/8/2021         6         12.5         12         Not measurable           12/15/2021         7         15         15         Not measurable           12/22/2021         -         -         -         Partial site inspection conducted 12/22/21; Sump measurements were not taken						
11/24/2021         7         14         13         Not measurable           12/1/2021         7         15         14         Not measurable           12/8/2021         6         12.5         12         Not measurable           12/15/2021         7         15         15         Not measurable           12/15/2021         7         15         15         Not measurable           12/22/2021         -         -         Not Measured         Partial site inspection conducted 12/22/21; Sump measurements were not taken						
12/1/2021         7         15         14         Not measurable           12/8/2021         6         12.5         12         Not measurable           12/15/2021         7         15         15         Not measurable           12/15/2021         7         15         15         Not measurable           12/22/2021         -         -         -         Partial site inspection conducted 12/22/21; Sump measurements were not taken						
12/8/2021         6         12.5         12         Not measurable           12/15/2021         7         15         15         Not measurable           12/22/2021         -         -         Not Measured         Partial site inspection conducted 12/22/21; Sump measurements were not taken						
12/22/2021         -         -         Not Measured         Partial site inspection conducted 12/22/21; Sump measurements were not taken		6	12.5	12	Not measurable	
12/22/2021 Not Measured measurements were not taken	12/15/2021	7	15	15	Not measurable	
		-	-	-		measurements were not taken
12/29/2021         0         11.5         11         Not measurable           1/5/2022         8.75         13.5         12.25         Not measurable						

TABLE 1
NAPL Measurements - NAPL Collection System - Englewood Intermodal Yard
UPRR Houston, tx - Wood Preserving Works

	Sump 1 (B099/B100)	Sump 2 (B103/B104)	Sump 3 (B107/B108)		
Measured Date		(B103/B104) Freeboard (in)	(B107/B108) Freeboard (in)	Depth to DNAPL (in)	Comments
1/12/2022	6	12	12	Not measurable	
1/19/2022	13.5	17	16	Not measurable	Sheen visible in B099/B100 sump
1/27/2022	3	9	9	Not measurable	
					Measurements were not taken; the inspector was
2/2/2022	-	-	-	Not Measured	unable to open the sumps
2/9/2022	9	15	15	Not measurable	
2/16/2022	8.5	17	16	Not measurable	
2/23/2022	5.5	14	13.5	Not measurable	
3/2/2022	5.5	15	14	Not measurable	
3/9/2022	4.5	7	6	Not measurable	
3/16/2022	48	36	45	Not measurable	Sumps 1,2, & 3 pumped down during inspection; less than 0.5 gal of DNAPL recovered B107/B108 sump
3/23/2022	6	29	28	Not measurable	
3/30/2022	5.5	28	28	Not measurable	
4/6/2022	3.5	19	18	Not measurable	
4/13/2022	4.5	18	15	Not measurable	Sheen visible in B099/B100 sump
4/20/2022	5	18	18	Not measurable	Sheen visible in B099/B100 sump
4/27/2022	4.5	12	8.5	Not measurable	
					Sumps 1,2, & 3 pumped down during inspection; Sheen
5/4/2022	48	42	45	Not measurable	visible in B099/B100 sump Sheen visible in B099/B100, B103/104, and B107/B108
5/11/2022	16	44.5	44	Not measurable	sumps
5/18/2022	6.5	45	45	Not measurable	
5/25/2022	0	25	24	Not measurable	
6/1/2022	5.5	24	24	Not measurable	
6/8/2022	5	22	22	Not measurable	Sheen visible in B099/B100 and B103/104 sumps
6/15/2022	5	25	24	Not measurable	
6/22/2022	4.5	24	21	Not measurable	
6/29/2022	6	21	21	Not measurable	
7/6/2022	5.5	13	13	Not measurable	
7/13/2022	5	15	14	Not measurable	Sheen visible in B099/B100 sump
					Sumps 1,2, & 3 pumped down during inspection; less
7/20/2022	51.5	38	43.5	Not measurable	than 0.1 gal of DNAPL recovered B099/B100 sump
7/27/2022	4	42	40	Not measurable	
8/3/2022	5	39	39	Not measurable	
8/10/2022	5.5	38	38	Not measurable	Sheen visible in B107/B108 sump
8/17/2022	5.5	25.5	25	Not measurable	
8/24/2022	0	0.5	0	Not measurable	Inspector unable to open B099/B100 and B107/B108 sumps as there was standing water on top of the sumps due to ongoing rain event
0/24/2022	0	0.5	0	Not measurable	Sumps 1,2, & 3 pumped down during inspection; sheen
8/31/2022	52	52	48	Not measurable	visible in B103/B104 sump
9/7/2022	3	37	37	Not measurable	
9/14/2022	1	34	31	Not measurable	Sheen visible in B099/B100 sump
9/21/2022	2.2	31.5	27.5	Not measurable	Sheen visible in B107/B108 sump
9/28/2022	3	30	31	Not measurable	Sheen visible in B099/B100 and B107/B108 sumps
10/5/2022	8	33	33	Not measurable	Sheen visible in B099/B100 and B107/B108 sumps
10/12/2022	7	32	32	Not measurable	Sheen visible in B099/B100 and B107/B108 sumps
10/19/2022	48	48	48	Not measurable	Sumps 1,2, & 3 pumped down during inspection; less than 0.1 gal of DNAPL recovered from B107/108 sump; small amount of DNAPL visible but not recoverable in B099/B100 sump; sheen visible in B099/B100 and B103/B104 sumps on recharge water after pumpdown
10/26/2022	6	46	45	Not measurable	Sheen visible in B107/B108 sump
11/2/2022	4	19	19	Not measurable	
11/9/2022	6	14	13	Not measurable	
11/16/2022	8	14	12	Not measurable	
11/22/2022	0	0	0	Not measurable	
11/30/2022	3	10	9	Not measurable	Very slight sheen visible in Sumps 1, 2, and 3; less than 0.2 gal of DNAPL recovered from B107/108 sump
12/7/2022	4	13.5	13	Not measurable	
	Ť				Replaced dipper tool with hoe for NAPL recovery from sumps. Less than 0.4 gal of DNAPL recovered from B099/B100 sump; approximately 0.1 gal of DNAPL
12/14/2022	0	0	0	Not measurable	recovered from B107/B108 sump
12/14/2022	0	0	0	Not measurable	recovered from B107/B108 sump
12/21/2022	4	8	7	Not measurable	recovered from B107/B108 sump
12/21/2022 12/28/2022	4 16	8 14	7 14	Not measurable Not measurable	recovered from B107/B108 sump
12/21/2022 12/28/2022 1/4/2023	4 16 3.5	8 14 7.5	7 14 6	Not measurable Not measurable Not measurable	recovered from B107/B108 sump
12/21/2022 12/28/2022	4 16	8 14	7 14	Not measurable Not measurable	recovered from B107/B108 sump

TABLE 1
NAPL Measurements - NAPL Collection System - Englewood Intermodal Yard
UPRR Houston, tx - Wood Preserving Works

Measured Date	Sump 1 (B099/B100) Freeboard (in)	Sump 2 (B103/B104) Freeboard (in)	Sump 3 (B107/B108) Freeboard (in)	Depth to DNAPL (in)	Comments
2/1/2023	<1	1	<1	Not measurable	
2/8/2023	5	13	12	Not measurable	
					Sumps B099/B100, B103/B104, and B107/B108
2/15/2023	<1	2	2.5	Not measurable	pumped down during inspection
					Sheen visible in B099/B100, B103/B104, and B107/B108
2/22/2023	32	42	43	Not measurable	sumps; water in B099/B100 noted as brown color with high turbidity
2/22/2023	32	42	43	Not measurable	
					Sheen visible in B099/B100, B103/B104, and B107/B108
3/1/2023	9	41	40	Not measurable	sumps, water color in sumps noted as brown
3/8/2023	5	42	41	Not measurable	B099/B100 & B103/B104 light brown color
					B099/B100 and B013/B104 brown color; B107/B108
3/15/2023	4	42	41	Not measurable	very light brown color
3/22/2023	8	26.5	25.5	Not measurable	B099/B100 light brown color
3/29/2023	3	24	25	Not measurable	B099/B100 light brown color
4/5/2023	2.5	25	25	Not measurable	B099/B100 light brown color
4/12/2023	4	12	14	Not measurable	All three sumps pumped down during inspection, B099/B100 brown color
4/12/2023	5	42	42	Not measurable	Sheen visible in B107/B108 sump
4/26/2023	4	31.5	31.5	Not measurable	Sheen visible in B107/B108 sump
5/3/2023	3	18	17.5	Not measurable	
5/10/2023	0	1.5	0	Not measurable	Sheen visible in B107/B108 sump
5/17/2023	0	2	0	Not measurable	Sheen visible in B107/B108 sump
5/24/2023	2	14	13	Not measurable	Pumpdown and boom swap.
					B099/B100 water color brown. B103/B104 and
5/31/2023	28	50	49	Not measurable	B107/B108 water color light brown.
					Sheen visible in all Sumps. B099/B0100 water color
6/7/2022	2	20	27	Not as some bla	brown and, light brown on both B103/B104 and
6/7/2023	3	38	37	Not measurable	B107/B108.
					Sheen Visible in B099/B100 & B107/B108. water color
6/14/2023	4	38	37	Not measurable	brown on B099/B100 & light brown in all other sumps.
-, ,					Sheen Visible in B107/B108. water color brown on
6/21/2023	3	36	37	Not measurable	B099/B100 & light brown in all other sumps.
					Sheen Visible in B099/B100 & B107/B108. water color
					dark brown on B099/B100 & B107/B108, light brown in
6/28/2023	3	31	31	Not measurable	B103/B104.
					Sheen Visible in B099/B100 and B107/B108. Water colo
7/12/2022	3	20	19	Not moscurable	brown on B099/B100, light brown in B103/B104.
7/12/2023	5	20	19	Not measurable	Sheen Visible on B099/B100 and B107/B108. Water
					color brown on B099/B100 and clear on B103/B104 and
7/19/2023	3	19	19	Not measurable	B107/B108.
					Sheen Visible on B099/B100 and B107/B108. Water
					color brown on B099/B100, light brown on B103/B104,
7/26/2023	3	21	20	Not measurable	and clear on B107/B108.
					Sheen Visible on B107/B108. Water color dark brown or
0 /0 /0000		105			B099/B100, light brown on B103/B104, and clear on
8/2/2023	0	16.5	15.5	Not measurable	B107/B108. Pumpdown conducted 8/4/2023. Sheen Visible on B099/B100 and B107/B108. Water
					color brown on B099/B100, light brown on B103/B104,
8/9/2023	42	47	47	Not measurable	and clear on B107/B108.
-,-,					Sheen Visible on B099/B100 and B107/B108. Water
					color brown on B099/B100 and light brown on
8/16/2023	38.5	47	47	Not measurable	B103/B104 and B107/B108.
					Sheen visible in all Sumps. B099/B100 water color dark
					brown and, light brown on both B103/B104 and
8/23/2023	33	46	46	Not measurable	B107/B108.
					Sheen visible in all Sumps. B099/B100 water color dark
0/20/2022	22	15		Not as some bla	brown and, light brown on both B103/B104 and
8/30/2023	33	46	44	Not measurable	B107/B108.
					Sheen visible in all Sumps. B099/B100 water color light
9/6/2023	1	38	38	Not measurable	brown, and clear on both B103/B104 and B107/B108.
.,.,					, ,
					Sheen Visible on B099/B100 and B107/B108. Water
l					color brown on B099/B100 and clear on B103/B104 and
			33	Not measurable	B107/B108. Pumpdown conducted 9/15/2023.
9/13/2023	0	33			
9/13/2023	0	33			Sheen Visible on B099/B100 and B107/B108. Water
				No.	color brown on B099/B100 and light brown on
9/13/2023 9/20/2023	0	41	40	Not measurable	color brown on B099/B100 and light brown on B103/B104 and B107/B108.
				Not measurable	color brown on B099/B100 and light brown on

TABLE 1
NAPL Measurements - NAPL Collection System - Englewood Intermodal Yard
UPRR Houston, tx - Wood Preserving Works

Measured Date	Sump 1 (B099/B100) Freeboard (in)	Sump 2 (B103/B104) Freeboard (in)	Sump 3 (B107/B108) Freeboard (in)	Depth to DNAPL (in)	Comments
incusured Date	. recoord (iii)	. recoolard (iii)	. recoolard (iii)		No sheen visible in all sumps. Water color brown on
10/4/2023	0	0	0	Not measurable	B099/B100 and light brown on B103/B104 and B107/B108. Heavy rains all week filled up sumps.
					Sheen visible on B103/B104. B099/B100 water color light brown, clear on B103/B104 and B107/B108. Heavy rains in the week filled up sumps. Pumpdown conducted
10/11/2023	0	0	0	Not measurable	10/13/2023.
10/18/2023	46	48	47	Not measurable	Sheen visible on B099/B100 and B107/B108. Water color brown on B099/B100. Water color clear on B103/B104. Water color light brown on B107/B108.
10/25/2023	39	44	43	Not measurable	Sheen visible on B099/B100 and B107/B108. Water color dark brown on B099/B100 and light brown on B103/B104 and B107/B108.
11/1/2023	6.5	33	33	Not measurable	Sheen visible on B099/B100 and B107/B108. Water color light brown on B099/B100 and clear on 103/B104 and B107/B108.
11/8/2023	12	34	33	Not measurable	Sheen visible on B099/B100. Water color light brown on B099/B100 and clear on 103/B104 and B107/B108.
11/15/2022	2	6	5.5	Not moscurable	No sheen observed in any of the sumps. Water color light brown on B099/B100 and clear on 103/B104 and
11/15/2023	2	0	5.5	Not measurable	B107/B108. No sheen observed in any of the sumps. Water color light brown on B099/B100 and clear on 103/B104 and
11/22/2023	7	13	12	Not measurable	B107/B108. No sheen observed in any of the sumps. Water color
11/29/2023	5.5	10	9.5	Not measurable	light brown on B099/B100 and clear on 103/B104 and B107/B108. No sheen observed in any of the sumps. Water color
12/6/2023	8	14	14	Not measurable	light brown on B099/B100 and clear on 103/B104 and B107/B108. No sheen observed in any of the sumps. Water color
12/13/2023	5	10	9.5	Not measurable	light brown on B099/B100 and clear on 103/B104 and B107/B108.
12/20/2023	5	10	9	Not measurable	No sheen observed in any of the sumps. Water color light brown on B099/B100 and clear on 103/B104 and B107/B108.
12/27/2023	6	13	11	Not measurable	No sheen observed in any of the sumps. Water color light brown on B099/B100 and clear on 103/B104 and B107/B108.
1/3/2024	0	0	0	Not measurable	No sheen observed in any of the sumps. Water color light brown on B099/B100 and clear on 103/B104 and B107/B108.
1/10/2024	5	10	9.5	Not measurable	No sheen observed in any of the sumps. Water color light brown on B099/B100 and clear on B103/B104 and B107/B108.
1/17/2024	12	15.5	15	Not measurable	No sheen observed in any of the sumps. Water color light brown on B099/B100 and clear on B103/B104 and B107/B108.
1/24/2024	0	0	0	Not measurable	No sheen observed in any of the sumps. Water color clear in all sumps.
1,21,2021					No sheen observed in any of the sumps. Water color light brown on B099/B100 and clear on B103/B104 and
1/31/2024	2	9.5	9	Not measurable	B107/B108. No sheen observed in any of the sumps. Water color light brown on B099/B100 and clear on B103/B104 and
2/7/2024	2	18	16	Not measurable	B107/B108.
2/14/2024	6	18	18	Not measurable	No sheen observed in any of the sumps. Water color clear on B099/B100, B103/B104 and B107/B108. No sheen observed in any of the sumps. Water color
2/21/2024	6	14	13	Not measurable	light brown on B099/B100 and clear on B103/B104 and B107/B108. No sheen observed in any of the sumps. Water color
2/28/2024	4	14	15	Not measurable	light brown on B099/B100 and clear on B103/B104 and B107/B108.
3/6/2024	4	15	15	Not measurable	No sheen observed in any of the sumps. Water color light brown on B099/B100 and clear on B103/B104 and B107/B108.
3/13/2024	0	11	11	Not measurable	No sheen observed in any of the sumps. Water color light brown on B099/B100 and clear on B103/B104 and B107/B108.
		7 5	75		No sheen observed in any of the sumps. Water color light brown on B099/B100 and clear on B103/B104 and B107/B108
3/20/2024	0	7.5	7.5	Not measurable	B107/B108.

TABLE 1
NAPL Measurements - NAPL Collection System - Englewood Intermodal Yard
UPRR Houston, tx - Wood Preserving Works

	Sump 1	Sump 2	Sump 3		
Measured Date	(B099/B100) Freeboard (in)	(B103/B104) Freeboard (in)	(B107/B108) Freeboard (in)	Depth to DNAPL (in)	Comments
					No sheen observed in any of the sumps. Water color light brown on B099/B100 and clear on B103/B104 and
3/27/2024	0	7	6	Not measurable	B107/B108. Some DNAPL (1.5 inches) was recovered from the bottom of Sump 1.
					No sheen observed in any of the sumps. Water color light brown on B099/B100 and clear on B103/B104 and B107/B108. Some DNAPL (3 cubic inches) was recovered
4/3/2024	0	10	10	Not measurable	from the bottom of Sump 1. No sheen observed in any of the sumps. Water color
4/10/2024	0	0	0	Not measurable	brown on B099/B100 and clear on B103/B104 and B107/B108. No sheen observed in any of the sumps. Water color
4/17/2024	0	10	9.5	Not measurable	light brown on B099/B100 and clear on B103/B104 and B107/B108.
4/24/2024	2.5	12	11	Not measurable	Sheen visible on B099/B100. Water color brown on B099/B100 and clear on B103/B104 and B107/B108. Pumpdown conducted 4/26/2024.
5/1/2024	9	20	21	Not measurable	No sheen observed in any of the sumps. Water color light brown on B099/B100 and clear on B103/B104 and B107/B108.
5/8/2024	1	23	22	Not measurable	Sheen visible on B099/B100. Water color brown on B099/B100 and light brown on B103/B104 and clear on B107/B108. No sheen observed in any of the sumps. Water color
5/15/2024	0	20	21	Not measurable	light brown on B099/B100 and clear on B103/B104 and B107/B108.
5/22/2024 <sup>1</sup>					
5/29/2024	0	19.5	19	Not measurable	No sheen observed in any of the sumps. Water color brown on B099/B100 and clear on B103/B104 and B107/B108. Sumps B099/B100 and B103/B104 could not be opened
6/5/2024	Not measurable	Not measurable	13	Not measurable	due to ongoing excavation. No sheen observed in any of the sumps. Water color was clear to cloudy by B107/B108.
6/12/2024	0	13	13	Not measurable	No sheen observed in any of the sumps. Water color was brown to cloudy by B099/B100, clear to cloudy by B103/B104, and clear by B107/B108.
6/19/2024	0	13	13	Not measurable	Sheen observed at B099/B100 and B107/B108. Water color was dark brown by B099/B100 and clear by B103/B104 and B107/B108.
					Sheen observed at B099/B100. Water color was brown to cloudy by B099/B100 and clear by B103/B104 and
6/26/2024	2.5	10.5	10	Not measurable	B107/B108. Dark brown water color and sheen observed at B099/B100. Brown water color and no sheen observed
7/3/2024	23	43	42	Not measurable	at B103/B104. Brown water color and sheen observed at B107/B108.
7/10/2024	13	35	34	Not measurable	Light brown water color and sheen observed at B099/B100. Brown water color and no sheen observed at B103/B104 and B107/B108.
					Light brown water color observed at all three sump systems. Sheen observed at B099/B100, 3 cubic in NAPL recovered from sump. No sheen observed at B103/B104
7/17/2024	9	39	38	Not measurable	and B107/B108. Light brown water color observed at all three sump systems. Sheen observed at B103/B104. No sheen observed at B009 (8100 and B107/B108
7/24/2024	0	36	36	Not measurable	observed at B099/B100 and B107/B108. Brown water color and sheen observed at B099/B100.
7/31/2024	45	45	45	Not measurable	Light brown water color and no sheen observed at B103/104 and B107/108
					Brown water color and no sheen observed at B099/B100. Brown/cloudy water color and no sheen observed at B103/B104 and B107/B108.
8/7/2024	23	32	32	Not measurable	

TABLE 1 NAPL Measurements - NAPL Collection System - Englewood Intermodal Yard UPRR Houston, tx - Wood Preserving Works

Measured Date	Sump 1 (B099/B100) Freeboard (in)	Sump 2 (B103/B104) Freeboard (in)	Sump 3 (B107/B108) Freeboard (in)	Depth to DNAPL (in)	Comments
					Brown water color and sheen observed at B099/B100. Gray water color and no sheen observed at B103/104. Light brown and no sheen observed at B107/108.
8/14/2024	24	42.5	41.5	Not measurable	Light brown and no sneen observed at B107/108.
0/11/2021		1210	1210		Brown water color and no sheen observed at B099/B100, B103/104 and at B107/108.
8/21/2024	22.5	42.5	41.5	Not measurable	
					Tan water color and sheen observed at B099/B100. Brown water color and no sheen observed at B103/104.
8/28/2024	20	42	41.5	Not measurable	Light brown and no sheen observed at B107/108.
					Tan water color and sheen observed at B099/B100. Tan water color and no sheen observed at B103/B104 and B107/B108.
9/4/2024	8	41	40	Not measurable	Clear water and sheen observed at B099/B100. Brown
					water color and no sheen observed at B03/B100. B100/ Tan water color and no sheen observed at B103/B104 and Tan water color and no sheen observed at B107/B108.
9/12/2024	5.5	39	38.5	Not measurable	
9/18/2024	7	38.5	38	Not measurable	Clear water with sheen observed at B099/B100. Brown water color and no sheen observed at B103/B104. Light brown and no sheen observed at B107/B108.
					Clear water color and sheen observed at B099/B100.
					Grey and turbid water with no sheen observed at B103/B104 and brownish water with no sheen observed
9/26/2024	9.5	40	39	Not measurable	at B107/B108.
10/2/2024	11.5	36.5	36	Not measurable	Clear water color and no sheen observed at B099/B100. Tan water color with no sheen observed at B103/B104. Brown water with no sheen observed at B107/B108.
10/9/2024	10	37	36	Not measurable	Clear water color and sheen observed at B099/B100. Clear water color with no sheen observed at B103/B104. Clear water with no sheen observed at B107/B108.
10/16/2024	12	38	36	Not measurable	Clear water color and sheen observed at B099/B100. Clear water color with no sheen observed at B103/B104. Clear water with no sheen observed at B107/B108.
					Light brown water color and sheen observed at B099/B100. Light brown water color with no sheen observed at B103/B104. Brown water with no sheen
10/24/2024	14	41	40	Not measurable	observed at B107/B108. Turbid tan water color with no sheen observed at
10/30/2024	4	37.5	37	Not measurable	B099/B100. Turbid tan water color with no sheen observed at B103/B104. Clear water with no sheen observed at B103/B104. Clear water with no sheen
11/6/2024	2.5	32	31	Not measurable	Clear water color and sheen observed at B099/B100. Clear water color with no sheen observed at B103/B104. Clear water with no sheen observed at B107/B108.
11/13/2024	5	32.5	32	Not measurable	Clear water color and sheen observed at B099/B100. Clear water color with no sheen observed at B103/B104. Clear water with no sheen observed at B107/B108.
11/13/2024	J	32.3	32	NOUTHEASUIDUE	
11/20/2024	3.5	34	34	Not measurable	Clear water color and sheen observed at B099/B100. Clear water color with no sheen observed at B103/B104. Clear water with no sheen observed at B107/B108.
11/27/2024	8	34.5	34	Not measurable	Clear water color and sheen observed at B099/B100. Clear water color with no sheen observed at B103/B104. Clear water with no sheen observed at B107/B108.
11,21,2024	5	51.5			
12/4/2024	10	35	33.5	Not measurable	Clear water color and sheen observed at B099/B100. Clear water color and sheen observed at B103/B104. Clear water with no sheen observed at B107/B108.
					Clear water color and sheen observed at B099/B100. Clear water color with no sheen observed at B103/B104.
12/11/2024	4	26	26	Not measurable	Clear water with no sheen observed at B107/B108.

 TABLE 1

 NAPL Measurements - NAPL Collection System - Englewood Intermodal Yard

 UPRR Houston, tx - Wood Preserving Works

	Sump 1 (B099/B100)	Sump 2 (B103/B104)	Sump 3 (B107/B108)		
Measured Date	Freeboard (in)	Freeboard (in)	Freeboard (in)	Depth to DNAPL (in)	Comments
					Clear water color and sheen observed at B099/B100.
					Clear water color with no sheen observed at B103/B104.
12/18/2024	5	23	22	Not measurable	Clear water with no sheen observed at B107/B108.
					Clear water color with no sheen observed at B099/B100.
					Clear water color with no sheen observed at B103/B104.
12/23/2024	4.5	23.5	22.5	Not measurable	Clear water with no sheen observed at B107/B108.
					Clear water color and sheen observed at B099/B100.
					Clear water color with no sheen observed at B103/B104.
12/27/2025	2	12	11.5	Not measurable	Clear water with no sheen observed at B107/B108.

Note:

Freeboard in sumps is measured as depth to water from top rim of sump, measured in inches

1. Freeboard not measured on 5/22/2024 due to the ongoing excavations as part of the Interim Measures Work Plan Construction Activities

# wsp

ATTACHMENT A

## Weekly Inspection Photolog

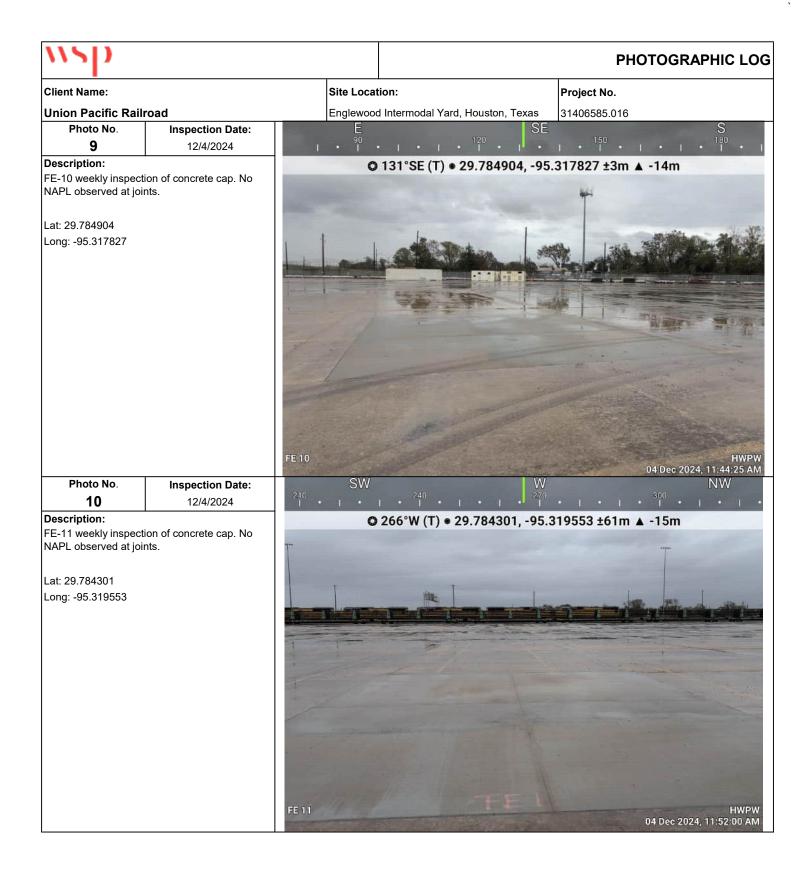
visp				PHOTOGRAPHIC LOG
Client Name:		Site Locat	ion:	Project No.
Union Pacific Rail	oad	Englewood	I Intermodal Yard, Houston, Texas	31406585.016
Photo No.	Inspection Date:		SE	S
1	12/4/2024			1 • I • I • I • I • I • I
Description: FE-1&3 weekly inspect NAPL observed at join	ction of asphalt cap. No hts.	C	9 153°SE (T) ● 29.784267, -9	5.32105 ±10m ▲ -13m
Lat: 29.784267 Long: -95.321050				
		FE 1&3		HWPW 04 Dec 2024, 11:52:54 AM
Photo No.	Inspection Date:	210 1 · · ·	W 240	W NW
2	12/4/2024		•   •   •   •   •	
Description: FE-2 weekly inspection NAPL observed at join		c	9 261°W (T) ● 29.784047, -9	5.320775 ±2m ▲ -13m
Lat: 29.784047				and the second second
Long: -95.320775				and the second second
				T
		Contraction of the state		
				No. of Concession, Name of
			The second	
		A.S.		and the second second second second
		FE 2		HWPW 04 Dec 2024, 11:53:20 AM

visp				РНОТО	GRAPHIC LOG
Client Name:		Site Loca	ation:	Project No.	
Union Pacific Rail	oad	Englewoo	od Intermodal Yard, Houston, Texas	31406585.016	
Photo No.	Inspection Date:	NE	E	SI	E
3	12/4/2024	I • I • I	• I • I • I • I	• I • I • I •	1 • 1 •
Description: FE-4 weekly inspectio observed at joints.	n of asphalt cap. No NAPL		O 99°E (T) ● 29.784755, -95.3	319711 ±16m ▲ -14n	n
Lat: 29.784755 Long: -95.319711					
		FE 4	s SW	the second s	HWPW c 2024, 11:50:09 AM
Photo No. 4	Inspection Date:			W	
-	12/4/2024		© 239°SW (T) • 29.78543, -95.3	318517 ±3m ▲ -14m	
Description: FE-5 weekly inspectio NAPL observed at join	n of concrete cap. No hts.				
Lat: 29.785430			a second s		
Long: -95.318517			FE 5	HWPW 04 Dec 2024, 11:46:20 AM	

visp					РНОТО	GRAPHIC LOG
Client Name:		Site Loca	tion:	Р	roject No.	
Union Pacific Rail	road	d Intermodal Yard, Houston, 1	Texas 3	1406585.016		
Photo No.	Inspection Date:					× ×
5	12/4/2024	. <del>4</del>				HWP 16 A
Description: FE-6 weekly inspectic observed at joints.	on of asphalt cap. No NAPL	<b>1</b> - ▲		T	1	1 2024, 11:45:
Lat: 29.785450 Long: -95.318198		SW SW SW SW SW SW SW SW SW SW				EE 6
Photo No.	Inspection Date:	- 210	SW 240		W 270	NM
6	12/4/2024		• • • • • •	•••••	1 • 1 • 1	* 1 • 1 •
Description: FE-7 weekly inspectic NAPL observed at join	on of concrete cap. No nts.	o	257°SW (T) ● 29.78416	61, -95.32	20623 ±1m ▲ -14	m
Lat: 29.784161		Contraction of the				All want have
Long: -95.320623		T		Ī		-
			Strong The			
			a for			
		j.				
		FE 7			04 De	HWPW c 2024, 11:53:43 AM

vsp					РНО	TOGRAPHIC LOG
Client Name:		Site Loca	tion:		Project No.	
Union Pacific Railr	oad	Englewoo	d Intermodal Yard, Ho	uston, Texas	31406585.016	
Photo No.	Inspection Date:	N	N			NE
7	12/4/2024		1 • 1 • 1	• 1 • 1	1 • 1 • I	•   •   •
Description: FE-8 weekly inspectio NAPL observed at join Lat: 29.784879 Long: -95.319143			• 12°N (T) • 29.78	84879, -95.31		HWPW 24 Dec 2024, 11:49:13 AM
Photo No.	Inspection Date:		SW		W	
8	12/4/2024	1 • 1 •		240	I • I • I	•   •   •
Description: FE-9 weekly inspectio NAPL observed at joir Lat: 29.785224 Long: -95.318371			● 242°SW (T) ●	29.785224, -9	95.318371 🛦 -1	5m
	FE					HWPW 14 Dec 2024, 11:47:10 AM

,



wsp			PHOTOGRAPHIC LOG			
Client Name:		Site Locat	tion:	Project No.		
Union Pacific Railroad Engle			d Intermodal Yard, Houston, Texas	31406585.016		
Photo No.	Inspection Date:		S	SW	Hand State	
11	12/4/2024	50 · I · I		•   •   •   <sup>240</sup>	· · · · ·	
Description: FE-12 weekly inspecti NAPL observed at join	ion of concrete cap. No nts.		9 210°S (T) ● 29.785585, -9	95.318704 ±8m ▲ -	14m	
Lat: 29.785585 Long: -95.318704					- u andre	
		FE 12			HWPW 04 Dec 2024, 11:47:52 AM	
Photo No.	Inspection Date:	N X0	NW	Ŋ	J	
12	12/4/2024			• I • I • Ĭ	• • • • •	
NAPL observed at join	ion of concrete cap. No nts.	0	329°NW (T) ● 29.784982, -	•95.321231 ±8m ▲	-14m	
Lat: 29.784982 Long: -95.321231						
		FE 13			HWPW	
				C	4 Dec 2024, 11:42:52 AM	

visp			PHOTOGRAPHIC LOG
Client Name:		Site Location:	Project No.
Union Pacific Rail	road	Englewood Intermodal Yard, Hous	ton, Texas 31406585.016
Photo No.	Inspection Date:	SE SE	. 150
13	12/4/2024	● 158°SE (T) ● 29.	.784967, -95.321253 ±1m ▲ =15m
Description: Track 802 weekly ins at joints. Lat: 29.784967 Long: -95.321253	pection. No NAPL observed		
Photo No.	Inspection Date:	Track 802 NW 1 + 10 + 1 + 1 + 3	HWPW 04 Dec 2024 11 42:24 AM 30 0 30
14	12/4/2024		³° . ,
Description: Joint B-107 weekly in observed at joints. Lat: 29.784123 Long: -95.320976	ispection. No NAPL	8 107	

,

wsp			PHOTOGRAPHIC LOG			
Client Name:		Site Locat	ion:	Pro	ject No.	
Union Pacific Rail	oad	Englewood	d Intermodal Yard, Houston, Tex	as 314	106585.016	
Photo No.	Inspection Date:				SE	
15	12/11/2024	60 I • I •	1 • 1 • 1 • 1	• 1 <sup>20</sup> •		• 1 • 1 • 1
Description: FE-1&3 weekly inspect NAPL observed at join	ction of asphalt cap. No nts.	C	• 113°E (T) ● 29.784323, -	95.3211	48 ±16m ▲ ·	-11m
Lat: 29.784323 Long: -95.321148						
Photo No. 16	Inspection Date: 12/11/2024	FE 1&3	E 1	. <sup>120</sup>	SE I · I	HWPW 1 Dec 2024, 11:11:22 AM
Description: FE-2 weekly inspectio	n of concrete cap. No	•	● 113°E (T) ● 29.784183, ·	-95.3210	047 ±5m ▲ -	13m
NAPL observed at joir	nts.			-		
Lat: 29.784183 Long: -95.321047						
	F	FE 2			1	HWPW 1 Dec 2024, 11:11:45 AM

visp						PHOTOGRAPHIC LOG
Client Name: Site Loca			ation:			Project No.
Union Pacific Railroad Englewoo			od Intermodal `	Yard, Houston, Te	xas	31406585.016
Photo No.	Inspection Date:	NE		E		SE
17	12/11/2024	I • I • I	· 1 ·	1 • 1 •	1 •	
Description: FE-4 weekly inspectio observed at joints.	n of asphalt cap. No NAPL		● 99°E (T)	• 29.784724, ·	-95.3	1964 ±11m ▲ -13m
Lat: 29.784724 Long: -95.319640		FE 4				
Photo No.	Inspection Date:	NE		E		11 Dec 2024, 11:13:32 AM SE
18	12/11/2024	• 1 • 1		ı • 1 •		
Description:			0 100°E (T)	• 29.785229,	-95.3	18695 ±63m ▲ -12m
FE-5 weekly inspectio NAPL observed at join Lat: 29.785229 Long: -95.318695		FE 5				HWPW 11 Dec 2024, 11:14:39 AM

visp				PHOTOGRAPHIC LOG
Client Name:		Site Lo	cation:	Project No.
Union Pacific Rail	oad	Englew	ood Intermodal Yard, Houston, Tex	as 31406585.016
Photo No.	Inspection Date:		En estatemente estatem estatemente estatemente estatemente estatemente estatemente estatemente estatemente estatemente estatemente esta	SE
19	12/11/2024	60 I • I •	90 · · · · · ·	
Description: FE-6 weekly inspectio observed at joints.	n of asphalt cap. No NAPL		O 116°E (T) ● 29.785354, •	-95.318295 ±7m ▲ -12m
Lat: 29.785354 Long: -95.318295			-	
		A		
		FE 6		HWPW 11 Dec 2024, 11:15:24 AM
Photo No. 20	Inspection Date: 12/11/2024	NE	60 • • • • • 90	SE
20 Description:	12/11/2024			
FE-7 weekly inspectio NAPL observed at join Lat: 29.784167		10	O 95°E (T) ● 29.784167, -	93.320003 ±311 ▲ -1211
Long: -95.320663				
		FE 7	The second	НWРW 11 Dec 2024, 11:12:06 AM

wsp			PHOTOGRAPHIC LOG			
Client Name: Site Locat			ation:		Project No.	
Union Pacific Rail	road	Englewoo	od Intermodal Yard, Houston, Texas	s	31406585.016	
Photo No.	Inspection Date:				SE	
21	12/11/2024	• 1 •	I • I • <sup>90</sup> • I •		• 120 • 1 • 1 • 1 • 1 • 1 •	
Description:	on of concrete cap. No		© 106°E (T) • 29.784835, -9	95.3		
Photo No.	FE 8 Inspection Date:			SI	HWPW 11 Dec 2024, 11:14:02 AM E S	
22	12/11/2024					
Description: FE-9 weekly inspectic NAPL observed at join Lat: 29.785172 Long: -95.318420			© 127°SE (T) • 29.785172,	1		
	FE 9				HWPW 11 Dec 2024, 11:15:05 AM	

wsp				PHOTOGRAPHIC LOG
Client Name:		Site Locat	tion:	Project No.
Union Pacific Railroad Englewood			d Intermodal Yard, Houston, Texas	31406585.016
Photo No.	Inspection Date:	NE		SE
23	12/11/2024		• • • • • • • • • • • • • • • • • • • •	1 • 1 • 1 • 1 • 1 •
Description: FE-10 weekly inspecti NAPL observed at join Lat: 29.784842 Long: -95.317715	on of concrete cap. No nts.	FE 10	9 89°E (T) • 29.784842, -95.3	17715 ±15m k -11m
Photo No.	Inspection Date:	NW	N	NE
24	12/11/2024	1 • 1 • 330		•   •   •   •   •   •
Description: FE-11 weekly inspecti NAPL observed at join Lat: 29.784290 Long: -95.319553	on of concrete cap. No nts.	FE 11	• 8°N (T) • 29.78429, -95.31	9553 ±19m ▲ -12m

wsp			PHOTOGRAPHIC LOG		
Client Name: Site Locat			tion:	Project No.	
Union Pacific Railroad Englewood			d Intermodal Yard, Houston, Texas	31406585.016	
Photo No.	Inspection Date:		SE	S	
25	12/11/2024	• I • 120	• I • I • <sup>150</sup> • •		
Description: FE-12 weekly inspecti NAPL observed at join Lat: 29.785588 Long: -95.318675	on of concrete cap. No hts.	FE 12	9 160°SE (T) • 29.785588, -95		
Photo No.	Inspection Date:		1 E	11 Dec 2024, 11:15:53 AM SE	
26	12/11/2024	60 I • I •			
Description: FE-13 weekly inspecti NAPL observed at join Lat: 29.784967 Long: -95.321243	on of concrete cap. No nts.		0 113°E (T) • 29.784967, -95		
		FE 13	A P TRANSPORT	HWPW 11 Dec 2024, 11:17:57 AM	

wsp			PHOTOGRAPHIC LOG		
Client Name: Si			tion:	Project No.	
Union Pacific Railroad		Englewoo	d Intermodal Yard, Houston, Texas	31406585.016	
Photo No.	Inspection Date:		E	SE 150	
27	12/11/2024		0 110°E (T) = 20 784042 -05 2	21100 + 12m A - 9m	
Description:	22/11/2024		0 119°E (T) • 29.784942, -95.3	21199 ±42m A -8m	
Photo No.	Inspection Date:		Track 802	нири 11 Dec 2024, 11:19:07 АМ. N	
28	12/11/2024		1 • 1 • 1 • 1 • 1 • 1 • 1 • 1 • 1		
Description: Joint B-107 weekly in observed at joints. Lat: 29.784136 Long: -95.320959	spection. No NAPL		© 304°NW (T) • 29.784136, -95.3		

visp			PHOTOGRAPHIC LOG
Client Name: Site Loc		Site Location:	Project No.
Union Pacific Railroad		Englewood Intermodal Yard, Houston	
Photo No.	Inspection Date:	NE	E SE 90 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1
<b>29</b>	12/18/2024		225, -95.321012 ±4m ▲ -13m
Description: FE-1&3 weekly inspen NAPL observed at joi	ction of asphalt cap. No nts.	1000	and the second sec
Lat: 29.784225 Long: -95.321012			
Photo No. <b>30</b>	Inspection Date:	FE 183 NE E I • 60 • I • I • 1 • 40	HWPW 18 Dec 2024, 2:05:42 PM SE •   •   •   •   •   •   • 150 •   •   •   •   •   •   •
Description:	12/18/2024 on of concrete cap. No nts.	© 103°E (T) ● 29.784	1111, -95.320899 ±17m ▲ -13m
Long: -95.320899		FE 2	HWPM 18 Dec 2024, 2:06:10 PM

wsp			PHOTOGRAPHIC LOG		
Client Name: Site Loc.			tion:	Project No.	
Union Pacific Railroad		Englewoo	d Intermodal Yard, Houston, Texas	31406585.016	
Photo No.	Inspection Date:		NEE	SE	
31	12/18/2024		1 • 1 • 1 • 1 • 1 • 1 • 1 • 1 • 1 • 1 •		
Description: FE-4 weekly inspectic observed at joints.	on of asphalt cap. No NAPL		O 96°E (T) ● 29.784714, -95.31	9028 2 IM A - 13M	
Lat: 29.784714 Long: -95.319628			FE4	HWPW	
Photo No.	Inspection Date:		SE SE S	18 Dec 2024, 2:07:44 PM SW	
32	12/18/2024		O 170°S (T) ● 29.78543, -95.31	9497 ±12m ± 12m	
Description: FE-5 weekly inspectic NAPL observed at join Lat: 29.7852430 Long: -95.318487	on of concrete cap. No nts.				
			FE 5	HWPW 18 Dec 2024, 2:10:51 PM	

wsp			PHOTOGRAPHIC LOG		
Client Name: Site Loca			tion:	Project No.	
Union Pacific Railroad		Englewoo	d Intermodal Yard, Houston, Texas	31406585.016	
Photo No.	Inspection Date:		SE S	SW	
33	12/18/2024				
Description:	n of asphalt cap. No NAPL		0 192°S (T) • 29.785461, -95.31	8251 ±17m ▲ -14m	
Photo No. 34 Description: FE-7 weekly inspectic NAPL observed at join Lat: 29.784129 Long: -95.320628	Inspection Date: 12/18/2024 on of concrete cap. No nts.		FE 6 NE 0 72°NE (T) • 29.784129, -95.32		
			FE 7	HMPW 18.Dec 2024, 2:06:34 PM	

,

visp			PHOTOGRAPHIC LOG
Client Name: Site Loca		Site Location:	Project No.
Union Pacific Railroad		Englewood Intermodal Yard, Hous	
Photo No.	Inspection Date:	30 • I • I • <sup>60</sup> •	
35 Description:	12/18/2024		84859, -95.319138 ±5m ▲ -14m
	on of concrete cap. No nts.		
Lat: 29.784859 Long: -95.319138			
Photo No.	Increation Date:	fë 8 NE	HWPW 18 Dec 2024, 2:08:47 PM E SE
<b>36</b>	Inspection Date: 12/18/2024	1 • <sup>60</sup> • 1 • 1 •	90 • 1 • 1 • 1 • 1 • 1 • 1 • 1
NAPL observed at join	on of concrete cap. No nts.	• 102 E (1) ◆ 29.	785206, -95.31841 ±20m ▲ -13m
Lat: 29.785206 Long: -95.318410			The second second
		FE 9	HWPW 18 Dec 2024, 2:09:14 PM

visp			PHOTOGRAPHIC LO
Client Name: Site Loc		Site Location:	Project No.
Union Pacific Railroad		Englewood Intermodal Yard, Houston, T	Texas 31406585.016
Photo No.	Inspection Date:		
37	12/18/2024	© 81°E (T) • 29.78484	9, -95.317733 ±19m ▲ -9m
Description: FE-10 weekly inspect NAPL observed at joi	ion of concrete cap. No nts.	×	1 - C - C - C - C - C - C - C - C - C -
Lat: 29.784849 Long: -95.317733			
		FE 10	HWPW 18 Dec: 2024, 2:09:50 PM
Photo No. <b>38</b>	Inspection Date: 12/18/2024	NE 1 • 1 • 1 • 1 • 1	$ \begin{bmatrix} E & S \\ 1 & 0 & 1 \\ 1 & 0 & 1 \end{bmatrix} $
Description: FE-11 weekly inspect NAPL observed at joi Lat: 29.784284	ion of concrete cap. No nts.	0 76 NE (1) • 29.78428	84, -95.319526 ±4m ▲ -13m
Long: -95.319526		A Designed and the second second	diment of
		FE.11	HWPW 18 Dec 2024, 2:07:06 PM

vsp			PHOTOGRAPHIC LOG
Client Name: Site Lo		Site Location:	Project No.
Union Pacific Railroad		Englewood Intermodal Yard, Houston,	Texas 31406585.016
Photo No.	Inspection Date:	P0 120	
39	12/18/2024		41, -95.318786 ±17m ▲ -14m
Description: FE-12 weekly inspect NAPL observed at join	tion of concrete cap. No ints.		NITE
Lat: 29.785541		and the second second	State of the second
Long: -95.318786			
		FE 12	НЖРЖ 18 Dec 2024, 2:11:55 РМ
Photo No. <b>40</b>	Inspection Date: 12/18/2024		S 1
Description: FE-13 weekly inspect NAPL observed at join	tion of concrete cap. No ints.	0 100 SE (1) 0 25.1880	
Lat: 29.785098		1	
Long: -95.321255			
		FE 13	HWPW 18 Dec 2024, 2:12:45 PM

visp			PHOTOGRAPHIC LOG		
Client Name: S		Site Location:	Project No.		
Union Pacific Rail	road	Englewood Intermodal Yard, Houston, Tex			
Photo No.	Inspection Date:		SW W • 1 • 1 • 1 • 1 • 1 • 1		
41	12/18/2024	© 212°S (T) • 29.784955,			
Description: Track 802 weekly inspection. No NAPL observed at joints. Lat: 29.784955 Long: -95.321232		Track 802			
Photo No. 42 Description:	Inspection Date: 12/18/2024	arack 802 S 140 210°SW (T) ◆ 29.784143,			
Joint B-107 weekly in observed at joints. Lat: 29.784143 Long: -95.320944	spection. No NAPL	B107			

visp			PHOTOGRAPHIC LOG		
		Site Location:	Project No.		
		Englewood Intermodal Yard, Houston, Te	exas 31406585.016		
Photo No.	Inspection Date:	60 · · · · · · · · · ·			
43	12/23/2024		9, -95.32107 ±8m ▲ -11m		
Description: FE-1&3 weekly inspe NAPL observed at jo	action of asphalt cap. No ints.				
Lat: 29.784239 Long: -95.321070			1		
			and and and a state of the stat		
		FE 183	НШРШ 23 Dec 2024, 10.23.49 АМ		
Photo No. 44	Inspection Date: 12/23/2024		SE 1 • 120 • 1 • 1 • 150 1 • 1 • 1 • 1 • 1		
Description:	on of concrete cap. No	O 108°E (T) ● 29.784119	9, -95.320919 ±6m ▲ -13m		
Lat: 29.784119					
Long: -95.320919			Ţ		
		The second second			
		and the			
		FE 2	нмрм 23 Dec 2024-10-24-11 АМ		

wsp				PHOTOGRAPHIC LOC
Client Name: Site Lo			tion:	Project No.
Union Pacific Railroad		Englewoo	d Intermodal Yard, Houston, Texas	31406585.016
Photo No.	Inspection Date:		NE E	SE
45	12/23/2024		• • • • • • • • • • • • • • • • • • •	
Description: FE-4 weekly inspectio observed at joints.	n of asphalt cap. No NAPL		<b>O</b> 91 E(1) • 29.784709, -93.315	14 1 10m ▲ -12m
Lat: 29.784709 Long: -95.319614				
			FE 4	HWPW 23 Dec 2024, 10:25:29 AM
Photo No.	Inspection Date:		NE E	
46	12/23/2024		© 88°E (T) • 29.785249, -95.31	
Description: FE-5 weekly inspectio NAPL observed at join	n of concrete cap. No nts.			
Lat: 29.785249				
Long: -95.318712			FES	EWPW 23 Dec 2024, 10:26:14 AM

visp				PHOTOGRAPHIC LOG
Client Name:		Site Loca	tion:	Project No.
Union Pacific Rail	road	Englewoo	d Intermodal Yard, Houston, Texas	31406585.016
Photo No.	Inspection Date:		NE E	SF
47	12/23/2024		• • • • • • • • • • • • • • • • •	
<b>Description:</b> FE-6 weekly inspection observed at joints.	on of asphalt cap. No NAPL		0 100 E (1) • 29:783343, 93:31	6504 ±500 ▲ -1400
Lat: 29.785343 Long: -95.318364				
			- Andrew R. R.	
			FE 6	НЖРЖ 23 Dec 2024, 10:26:59 АМ
Photo No. 48	Inspection Date:		N • • • • • • • • • • • • • • • •	• 1 • 1 • 1 • 1 •
40 Description:	12/23/2024		O 40°NE (T) • 29.784169, -95.32	
	on of concrete cap. No nts.			
Lat: 29.784169				
Long: -95.320641				
			and the second	
			2	
			FE 7	HWPW 23 Dec 2024, 10:24:31 AM

visp				PHOTOGRAPHIC LOG
Client Name:		Site Locati	on:	Project No.
Union Pacific Rail	road	Englewood	Intermodal Yard, Houston, Texas	31406585.016
Photo No.	Inspection Date:		NE	CE CE
49	12/23/2024		0 89°E (T) ● 29.784885, -95.31	
Description: FE-8 weekly inspection NAPL observed at join	on of concrete cap. No nts.		<b>0</b> 89 E(1) • 29.784883, -93.31	9114 10m A -12m
Lat: 29.784885 Long: -95.319114				
			FE 8	HWPW 23 Dec 2024, 10:25:88 AM
Photo No. 50	Inspection Date: 12/23/2024		NE E 90	SE   . 1 <sup>20</sup> .   .   . 1 <sup>50</sup> .
Description:	12/23/2024		© 96°E (T) ● 29.784885, -95.31	7794 ±4m ▲ -12m
	ion of concrete cap. No nts.			
Lat: 29.784885				
Long: -95.317794			FE 10	HWPW 23 Dre 2024 10/27 28 AM

wsp			PHOTOGRAPHIC LOG		
Client Name:	Client Name: Sit		tion:	Project No.	
Union Pacific Rail	road	Englewoo	d Intermodal Yard, Houston, Texas	31406585.016	
Photo No.	Inspection Date:		NE E	SE	
51	12/23/2024		<sup>30</sup> · · · · · <sup>60</sup> · · · · <sup>9</sup> · <sup>90</sup> · ● 83°E (T) ● 29.784284, -95.31		
Description: FE-11 weekly inspecti NAPL observed at joir	ion of concrete cap. No nts.		<b>6</b> 5 E (1) <b>6</b> 25.764264, <b>9</b> 5.51	5002 1711 × -1011	
Lat: 29.784284 Long: -95.319562					
Photo No. 52 Description:	Inspection Date: 12/23/2024		FE 11         N         NE           Ο 36°NE (T) • 29.785459, -95.31		
FE-12 weekly inspecti NAPL observed at join Lat: 29.785459 Long: -95.318669	ion of concrete cap. No nts.		FE 12	Impm           2 Dec 2024, 10:26:37 AM	

visp				PHOTOGRAPHIC LOG
Client Name:		Site Loca	tion:	Project No.
Union Pacific Rail	road	Englewoo	d Intermodal Yard, Houston, Texas	31406585.016
Photo No.	Inspection Date:		NE E	
53	12/23/2024			
Description: FE-13 weekly inspect NAPL observed at join Lat: 29.784988 Long: -95.321258	ion of concrete cap. No nts.			
			FE 13	HWPW 23 Dec 2024, 10:19:37 AM
Photo No.	Inspection Date:		E 90 1 • 1 • 1 • 1 • 1 • 1 • 1 • 1 • 1	1 · 1 · 180 · 1 · 1
54	12/23/2024		• 142°SE (T) • 29.784957, -95.32	
Description: Track 802 weekly insp at joints. Lat: 29.784957 Long: -95.321225	pection. No NAPL observed		Track 802	

,

visp			PHOTOGRAPHIC L		
Client Name:		Site Loca	tion:	Project No.	
Union Pacific Rail	road	Englewoo	d Intermodal Yard, Houston, Texas	31406585.016	
Photo No.	Inspection Date:		NE 1 · 1 · 1 · 1 · 1 · 1 · 1 · 1		
55	12/23/2024		O 65°NE (T) = 20 784127 - 05 220	$1 \cdot 1 \cdot 1 \cdot 1 \cdot 1$	
Description: Joint B-107 weekly in observed at joints. Lat: 29.784137 Long: -95.320976			© 65°NE (T) • 29.784137, -95.320	0976 ±12m ▲ -15m	
Photo No.	Inspection Date:		B 107	HWPW 23 Dec 2024, 10:12:38 AM	
56	12/27/2024		East	and a substant	
Description: FE-1&3 weekly insper NAPL observed at join Lat: 29.784241 Long: -95.321182	ction of asphalt cap. No nts.		0 103°E (T) • 29.784241, -95.32	EWPW 27 Dec 2024 11 24 55 AM	

visp				PHOT	OGRAPHIC LOG
Client Name:		Site Locat	tion:	Project No.	
Union Pacific Rail	Union Pacific Railroad Englewo			Texas 31406585.016	
Photo No.	Inspection Date:			th East	
57	12/27/2024			43, -95.320812 ±3m ▲ -14m	
Description: FE-2 weekly inspection NAPL observed at join	n of concrete cap. No nts.		C 05 NE (1) - 25.1040	45, 95.520012 10m <b>a</b> 14m	
Lat: 29.784043 Long: -95.320812					
Photo No.	Inspection Date:		FE 2	нири 27 Dec 2024, 11:25:21 Ай East	Y
58	12/27/2024				
Description: FE-4 weekly inspectio observed at joints. Lat: 29.784750 Long: -95.319683	n of asphalt cap. No NAPL			5, -95.319683 ±9m ▲ -13m	

visp			PHOTOGRAPHIC LOG		
Client Name:		Site Loca	tion:	Project No.	
Union Pacific Railr	oad	Englewoo	d Intermodal Yard, Houston, Texas	31406585.016	
Photo No.	Inspection Date:		East	1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 -	
59	12/27/2024				
Description: FE-5 weekly inspection NAPL observed at join Lat: 29.785249 Long: -95.318767	n of concrete cap. No its.		O 83°E (T) • 29.785249, -95.31	EWPW 27 Dec 2024, 11 29 10 AM	
Photo No.	Inspection Date:		East		
60	12/27/2024		O 94°E (T) ● 29.785395, -95.31	8339 ±8m 🛦 -15m	
Description: FE-6 weekly inspection observed at joints. Lat: 29.785395 Long: -95.318339	n of asphalt cap. No NAPL				
			FE 6	HWPW 27 Dec 2024, 11:29:33 AM	

wsp				PHOTOGRAPHIC LOG
Client Name:		Site Loca	tion:	Project No.
Union Pacific Railr	oad	Englewoo	d Intermodal Yard, Houston, Texas	31406585.016
Photo No.	Inspection Date:		East	and the second
61	12/27/2024		● 98°E (T) • 29.784156, -95.32	0620 ±14m + -12m
Description: FE-7 weekly inspectio NAPL observed at joir	n of concrete cap. No its.		♥ 98 E(1) ■ 29.764156, -95.32	0039 ± 14m ▲ - 13m
Lat: 29.784156 Long: -95.320639				
				HWPW 27 Dec 2024, 11:25:43 AM
Photo No.	Inspection Date:		East	and the second
62	12/27/2024		0 86°E (T) • 29.784869, -95.31	9133 ±63m ▲ -12m
Description: FE-8 weekly inspectio NAPL observed at joir	n of concrete cap. No hts.			27
Lat: 29.784869			the second second second	
Long: -95.319133				
			FE 8	HWPW 27 Dec 2024, 11:27:25 AM

wsp			PHOTOGRAPHIC LOG			
Client Name:		Site Loca	tion:	Project No.		
Union Pacific Railr	oad	Englewoo	d Intermodal Yard, Houston, Texas	31406585.016		
Photo No.	Inspection Date:		East	The second second second		
63	12/27/2024			9402+10m + 15m		
Description: FE-9 weekly inspection NAPL observed at join			O 116°E (T) ● 29.785219, -95.31	8403 ±10m ▲ -15m		
Lat: 29.785219 Long: -95.318403						
Photo No.	Inspection Date:		FE 9	HWPW 27 Dec 2024, 11:27:53 AM		
64	12/27/2024		East			
Description: FE-10 weekly inspecti NAPL observed at join Lat: 29.784869 Long: -95.317793	on of concrete cap. No its.		O 100°E (T) + 29.784869, -95.3	HWPW 27. Dec 2024 11:78:21 AM		

wsp			PHOTOGRAPHIC LOG			
Client Name:		Site Loca	tion:	Project No.		
Union Pacific Rail	road	Englewoo	d Intermodal Yard, Houston, Texas	31406585.016		
Photo No.	Inspection Date:		East			
65	12/27/2024		© 104°E (T) • 29.784294, -95.31	0568 ±11m + -12m		
Description: FE-11 weekly inspect NAPL observed at joi	ion of concrete cap. No nts.		0 104 E (1) • 23.704294, •93.31			
Lat: 29.784294 Long: -95.319568			FE 11	HWPW		
Photo No.	Inspection Date:		East	27 Dec 2024, 11:26:18 AM		
66	12/27/2024		© 79°E (T) ● 29.785452, -95.31	8694 +2m A +14m		
NAPL observed at joi	ion of concrete cap. No nts.		• 79 E (1) • 23.763452, 93.31	0094 IZIII A 1411		
Lat: 29.785452						
Long: -95.318694			FE 12	НШРИ 27 Dec 2024, 11:30:08 АМ		

visp			PHOTOGRAPHIC LOG
Client Name:		Site Location:	Project No.
Union Pacific Rail	road	Englewood Intermodal Yard, Houst	on, Texas 31406585.016
Photo No.	Inspection Date:	S	South East
67	12/27/2024	and the second se	785097, -95.321272 ±4m ▲ -14m
Description: FE-13 weekly inspect NAPL observed at join	tion of concrete cap. No ints.		
Lat: 29.785097 Long: -95.321272			
Photo No.	Inspection Date:	FE 13	HWPW 27 Dec 2024, 11:31:08 AM South
68 Description:	12/27/2024	• 192°S (T) • 29.7	84962, -95.321242 ±3m ▲ -15m
	pection. No NAPL observed	Trafk 802	Track 802

wsp		PHOTOGRAPHIC LOG			
Client Name:		Site Loca	tion:		Project No.
Union Pacific Rail	road	Englewoo	d Intermodal Yard, Houston, <sup>-</sup>	Texas	31406585.016
Photo No.	Inspection Date:			th Eas	
69	12/27/2024		© 51°NE (T) • 29.78414		
Description: Joint B-107 weekly in: observed at joints. Lat: 29.784143 Long: -95.320984	spection. No NAPL		B 107		27 Dec 2024 11 4353 AM
Photo No.	Inspection Date:			SW 240	
70	12/4/2024		© 229°SW (T) • 29.7843		
Description: Sump 1 (B99/B100), sump. Color is clear, Sheen observed on th Lat: 29.784370 Long: -95.320807	10.0 inches of freeboard in and no odor observed. ne surface.		В099/ В100		HUPW Of Dec 2023, 11:52, 40 AM

,

wsp			PHOTOGRAPHIC LOG			
Client Name: Site			ition:		Project No.	
Union Pacific Railroad			d Intermodal Yard, Hou	ston, Texas	31406585.016	
Photo No.	Inspection Date:	•	50 180	210	SW • I • <sup>240</sup> • I • I •	
71	12/4/2024				3209 ±3m ▲ -29m	
<b>Description:</b> Sump 2 (B103/B104), in sump. Color is clea Sheen observed on th	, 35.0 inches of freeboard r, and no odor observed. ne surface.				· Call	
Lat: 29.784213 Long: -95.320900			B103/			
			B104		-10	
			B 103/104		HWPA	
Photo No.	Inspection Date:		NW	N	04 Dec 2024, 11 29 06 At NE	<u>и</u>
72	12/4/2024		•   • <sup>330</sup> •   •	and the second	0976 ±1m ▲ -32m	
Description: Sump 3 (B107/B108), in sump. Color is clea observed. Lat: 29.784092 Long: -95.320976	, 33.5 inches of freeboard r, and no sheen or odor		B 107/108	7/	Ad Dec 2024 11 20 14 AM	

vsp					рното	GRAPHIC LOG	
Client Name: Site			1:	Pro	Project No.		
Union Pacific Rail	road	Englewood Int	termodal Yard, Houston, 1	Texas 31	406585.016		
Photo No.	Inspection Date:		S 180	240	W 270		
73	12/11/2024		0 233°SW (T) • 29.7842	29195.32079	93 ±3m ▲ -18m		
Description: Sump 1 (B99/B100), sump. Color is clear, Sheen observed on the Lat: 29.784291 Long: -95.320793	4.0 inches of freeboard in and no odor observed. he surface.				BO99/ B100		
Photo No. 74	Inspection Date: 12/11/2024	1	SW	. W.	NW		
Description: Sump 2 (B103/B104)	, 26.0 inches of freeboard ar, and no sheen or odor		O 268°W (T) • 29.7842		1 ±3m ▲ -12m B103J B104 B104 B104 B104		

,

wsp			PHOTOGRAPHIC LOG			
Client Name:			Site Location:		Project No.	
Union Pacific Railroad			Englewood Intermodal Yard, Houston, Texas		31406585.016	
Photo No.	Inspection Date:	l	S 1 • 10 • 1 • 1 • 1 • 1 <sup>210</sup> • 1	sw .	240	
75	12/11/2024		O 223°SW (T) • 29.78419			
Description: Sump 3 (B107/B108), in sump. Color is clea observed.	, 26.0 inches of freeboard r, and no sheen or odor		1		and the second se	
Lat: 29.784191 Long: -95.321005			B 107/ 7108		B107/ B108	
Photo No.	Inspection Date:		S 1 • 1 • 1 • 1 • 1 • 1 • 1	ŚW	00 Dec 2024, 0125 58 AM. W 240 Z70	
76	12/18/2024		O 217°SW (T) • 29.784281			
Description: Sump 1 (B99/B100), sump. Color is clear, Sheen observed on th Lat: 29.784281 Long: -95.320786	5.0 inches of freeboard in and no odor observed. he surface.		B099/ B100			
			B 99/ B100	1	HWPW 18 Dec 2024: 2:44:13 PM	

wsp			PHOTOGRAPHIC LOG			
Client Name:		Site Loca	tion:	Project No.		
Union Pacific Railroad			d Intermodal Yard, Houston, Texas	31406585.016		
Photo No.	Inspection Date:		SW	W NV		
77	12/18/2024		0.050°CW (T) = 20.701.01 .05.2			
Description: Sump 2 (B103/B104),	23.0 inches of freeboard r, and no sheen or odor		© 258°SW (T) • 29.78191, -95.3	12 22 23 1 ±64 m A - 16 m		
Photo No.	Inspection Date:		SW	W		
78	12/18/2024		O 248°SW (T) • 29.784232, -95			
	22.0 inches of freeboard r, and no sheen or odor		B 107/B 108	HINFW 18 Dec 2024: 2:35 112 PM		

wsp			PHOTOGRAPHIC LOG			
Client Name:			ion:	Project No.		
Union Pacific Rail	road	Englewood	l Intermodal Yard, Houston, Texas	31406585.016		
Photo No.	Inspection Date:	·	S 210 SN	2402/))))))))))))		
79	12/23/2024		O 225°SW (T) • 29.784261, -95.3	20776 +6m A -16m		
Description: Sump 1 (B99/B100), 4 sump. Color is clear, a observed.	4.5 inches of freeboard in and no sheen or odor					
Lat: 29.784261 Long: -95.320776			B099/ B100	ETVIPOV		
Photo No.	Inspection Date:		150 S 150 210	26 Dec 2024, 10:06 27 AM SW 240		
80	12/23/2024		● 205°S (T) ● 29.784199, -95.32	0862 ±2m A -16m		
	23.5 inches of freeboard r, and no sheen or odor		D 106/ D 103			

wsp			PHOTOGRAPHIC LOG			
Client Name:			tion:	Project No.		
Union Pacific Railroad			d Intermodal Yard, Houston, Texas	31406585.016		
Photo No.	Inspection Date:		240 270 300	NW 330		
81	12/23/2024		0 293°W (T) ● 29.784179, -95.32	1 • 1 • 1 • 1 • 1 0993 +53m ▲ -13m		
	22.5 inches of freeboard r, and no sheen or odor					
Lat: 29.784179 Long: -95.320993			B 107 / B 108	HWPW         23 Dec 2024, 10:00:25 AM		
Photo No. 82	Inspection Date:		South Wes	st		
	12/27/2024		© 258°SW (T) • 29.784267, -95.3	20756 ±3m ▲ -13m		
Description: Sump 1 (B99/B100), 2 sump. Color is clear, a observed. Lat: 29.784267 Long: -95.320756	2.0 inches of freeboard in and no sheen or odor		B099/ B100	HWFW ZT DE-2024, 11 ZA 28 AM		

wsp			PHOTOGRAPHIC LOG			
Client Name:			Site Location:		Project No.	
Union Pacific Railroad			d Intermodal Yard, Houston, T	Texas	31406585.016	
Photo No.	Inspection Date:	- I -	Sout	th West	CARD AND AND AND AND AND AND AND AND AND AN	
83	12/27/2024		O 247°SW (T) • 29.78422	AU102		
Description: Sump 2 (B103/B104), in sump. Color is clear observed.	, 12.0 inches of freeboard ır, and no sheen or odor		6247 SW (1) • 23.76422	21, 33.32		
Lat: 29.784227 Long: -95.320916			B103/ B104		KOLAN HINW	
Photo No.	Inspection Date:		Sout	th West	27 Dec 2024, 11-12:05 AM	
84	12/27/2024		© 255°SW (T) • 29.78414		A DECEMBER OF A	
Description: Sump 3 (B107/B108), in sump. Color is clear observed. Lat: 29.784144 Long: -95.321022	, 11.5 inches of freeboard r, and no sheen or odor		B107/ B108 0	KOBA		