

April 13, 2023

Project No. 19119232

Ms. Maureen Hatfield

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 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 Ms. Hatfield:

WSP USA Inc. (WSP), formerly Golder Associates Inc., on behalf of Union Pacific Railroad Company (UPRR), is pleased to provide this monthly status update for March 2023 for inspections conducted at the Englewood Intermodal Yard concrete cap area within the UPRR Houston Wood Preserving Works Facility (the Site). Monthly status updates were requested by the Texas Commission on Environmental Quality (TCEQ) in a letter dated March 20, 2018.

A non-aqueous phase liquid (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 March 2023 (photographs from the weekly inspections are provided in Attachment A):

• Water levels in NAPL Collection System Sump 1 (B099/B100 stalls), Sump 2 (B103/B104 stalls), and Sump 3 (B107/B108 stalls) were measured at 9 inches, 41 inches, and 40 inches from the tops of the manholes, respectively, during the inspection on March 1, 2023 (Photo Nos. 6-8). The water level in Sump 1 fluctuated throughout the month, showing an overall increase to 3 inches from the top of the sump by the March 29, 2023 inspection (Photo No. 42). The water levels in Sumps 2 and 3 remained within one inch of the March 1, 2023 measurements through March 15, 2023. By the March 22, 2023 inspection, water levels in Sumps 2 and 3 had respectively increased to 26.5 and 25.5 inches from the top of the sumps and remained near that level through the inspection on March 29, 2023 (Photo Nos. 33-35). Starting with the inspection on February 15, 2023, a clear bailer has been used to collect water from each sump to observe the color of the water. Observations of non-clear water are noted in Table 1. On March 1, 2023 the water was observed to be brown in all three sumps. On March 8, 2023, the water in the Sumps 1 and 2 was observed as being light brown (Photo Nos. 16-

WSP USA 16200 Park Row Suite 200 Houston, TX 77084 17). On March 15, 2023, the water in Sumps 1 and 2 was observed to be brown and the water in sump 3 was observed to be very light brown in appearance. On March 22, 2023 and March 29, 2023, the water in Sump 1 was noted as light brown. Sheen was observed in all three sumps on March 1, 2023 (Photo Nos. 6-8), but not observed during the other weekly inspections in March. No odors were reported during the March inspections.

• The NAPL Collection System sumps (Sumps 1, 2, and 3) have continued to be checked weekly for DNAPL using an interface probe. No measurable NAPL has been detected within the sumps using the interface probe through March 2023. Even though no measurable DNAPL was noted, a hoe has continued to be used to further evaluate the presence of and recover DNAPL, if present, from the bottom of each of the sumps during the weekly inspections. No DNAPL was encountered or recovered from the sumps during March 2023 during the 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. Any NAPL recovered from the sumps is placed in a drum for disposal. The drum is staged at the Container Storage Area (CSA).

An accumulation of NAPL on the bottom of the inflow protector in Sump 1 was observed during the inspection on September 14, 2022. The material was removed, and the inflow protector was monitoring during subsequent inspections for additional NAPL accumulation. No additional accumulation was observed through March 29, 2023.

- A small tar-like material seep was observed on the southern edge of the NAPL Collection System in cracks in the cement along the joint of Stall B107 during the July 6, 2022 weekly inspection, no new tar-like material was observed at this seep location in March 2023.
- As detailed in the July 2022 Monthly Status Update, a tar-like material seep was observed next to Track 802 that is located approximately 280 feet northwest of the NAPL Collection System. The tar-like material seep is located along on the northern side of the track at the edge of the railroad ballast (Photo No. 5). During the September 28, 2022 weekly inspection, an additional tar-like material seep was observed within the concrete road area (RD-14) about 45 feet north of Track 802 and east of the existing Track 802 seep location (Photo No. 30). A very small amount of tar-like seep material was recovered at the RD-14 location during the inspections on March 1, 2023, March 15, 2023 and March 29, 2023. No new tar-like material was observed at the Track 802 seep location during March 2023.
- For areas outside the NAPL Collection System, a small amount of tar-like material was observed on the concrete or asphalt surface at the following locations during the March 2023 weekly inspections:

Seep Obse	Seep Observations Outside the NAPL Collection System Area				
Stall Number Observation Date(s)					
A011	March 1 st , March 8 th , March 15 th , & March 29 th (Photo Nos. 1, 11, 31, & 39)				
A022	March 8 th , March 15 th (Photo Nos. 12 & 29)				
B056	March 8 th (Photo No. 15)				

Seep Observations Outside the NAPL Collection System Area				
Stall Number	Observation Date(s)			
B096	March 8 th (Photo No. 13)			
B101	March 8 th , March 15 th , & March 29 th (Photo Nos. 23 & 41)			
B102	March 8 th (Photo No. 14)			
RD-14	March 1 st , March 15 th , & March 29 th (Photo No. 30 & 46)			

- Tar-like material observed during the weekly inspection events was removed and recovered using a hand tool to scrape up the material. The number of tar-like material seeps observed during the month of March increased compared to February inspections. Less than 0.2 gallons of tar-like material was recovered for the month from the seep locations. The material that was recovered was placed in a drum staged at the CSA for disposal.
- During the inspection on March 1, 2023, light brown staining, similar to previous years, was observed along cracks in the paved areas throughout A and B row stalls with heavier staining noted in stalls A060-A065 (Photo Nos. 9 & 10). UPRR remediation contractor arrived onsite on March 3, 2023 and minimal staining was visible. On March 8, 2023 brown staining/residue was observed in the A and B row stalls with the heaviest staining occurring in stalls A058-A062 (Photo No. 19). UPRR remediation contractor arrived onsite on March 8, 2023 to pressure wash and vacuum the affected area, residual staining was noted after cleaning (Photo No. 20). By the March 15, 2023 inspection, brown staining and residue had returned again with heaviest staining present in stalls A060-A070 (Photo No. 27). UPRR remediation contractor OMI arrived onsite on March 15, 2023 to pressure wash and vacuum the affected area, residual staining was present after cleaning (Photo No. 28). Wash water from clean up events was placed into a tote onsite for disposal. By the March 22, 2023 inspection, no new staining was observed but some residual staining was noted in the same areas (Photo No. 36). UPRR will continue to have a remediation contractor pressure wash and collect the water in the areas where the brown staining and seeps are observed, as needed.
- WSP, on behalf of UPRR, submitted to the TCEQ the Englewood IM Yard Test Pit Evaluation Report dated June 2, 2021 summarizing the findings from the test pits installed in July 2020, including weekly inspections since the installation. As discussed in the Test Pit Report, the test pit inspections were to continue through the warmer months (through September 2021). UPRR will prepare a Test Pit Evaluation Report Addendum summarizing the test pit inspections from June through November 2021. During inspections in June and July 2021 the concrete patches covering test pits in stalls A010, A021, B013, B057, B096, and B108 were observed to be damaged. UPRR contractor US Ecology removed the damaged test pit concrete on October 22, 2021 and completed installation of new rebar and concrete on October 25, 2021. The new concrete patches continue to be monitored during the weekly inspections.

During the inspection on September 28, 2022, a small amount of tar like material was observed in stall B096 adjacent to the test pit patch for the first time since the test pit installation. A very small amount of tar-like material was recovered from the B096 historical seep location during the inspection on March 15, 2023 (Photo No. 22). Through March 2023, no NAPL seeps have been observed at the six other test pit locations (stalls A010, A021, A098, B013, B057, and B108).

- A follow-up video camera survey of the stormwater sewer lines in the central area of the Englewood IM Yard was conducted on August 26, 2021 to evaluate the stormwater line near the test pit locations. Details of the follow-up video survey will be provided in the Test Pit Evaluation Report Addendum.
- The TCEQ issued a comment letter dated January 26, 2022 titled "Comments on Interim Groundwater Monitoring Report (July 2020), dated April 30, 2021 Englewood Intermodal Yard (EIY) Test Pit Evaluation Report, dated June 2, 2021, Corrective Action Monitoring Report, 2021 First Semi-Annual Event, dated July 9, 2021". In the comment letter, the TCEQ requested UPRR prepare an Interim Measures Work Plan (Work Plan) to address the NAPL seeps in the Englewood Intermodal Yard. The TCEQ requested that the Work Plan include a schedule and plan for implementation of additional interim measures to permanently address the NAPL seeps in the Englewood Intermodal Yard. UPRR is in the process of preparing the requested Work Plan.

Weekly site inspections of the NAPL Collection System and Englewood Intermodal Yard concrete pavement near the collection system will continue to be conducted.

If you have any questions or need additional information, please feel free to call us at (512) 671-3434 or Mr. Kevin Peterburs of UPRR at (414) 267-4164.

Sincerely,

WSP USA Inc.

Sarah Balke, G.I.T *Consultant, Geologist*

Eric C. Matzner, P.G. Director, Hydrogeologist

- CC: Mr. Kevin Peterburs, UPRR Milwaukee, WI Ms. Alma Jefferson, Waste Section Manager, TCEQ Region 12, Houston
- Attachment Table 1 NAPL Measurements NAPL Collection System Attachment A – Weekly Inspection Photolog

wsp

TABLE

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
8/14/2019	2.5	28	29	Not measurable	
8/21/2019	0	27.5	26.5	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
					Sheen visible in B107/B108 sump, less than 0.1 gal of
10/2/2019	2.5	42.5	42	Not measurable	DNAPL recovered
					Sheen visible in B107/B108 sump, less than 0.1 gal of
10/9/2019	3	42	41.5	Not measurable	DNAPL recovered
					Less than 0.1 gal of DNAPL recovered from B107/B108
10/16/2019	0	39.5	39	Not measurable	Sump
					Less than 0.1 gal of DNAPL recovered from B107/B108
10/24/2019	3	35	25	Not measurable	Sump
10/29/2019	0	24	23	Not measurable	Water from sumps pumped out
10/30/2019	0	40	39	Not measurable	Slight sheen visible in B107/B108 sump
11/6/2019	9	39	38.5	Not measurable	
					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	25.5	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
					Less than 0.1 gal of DNAPL recovered from B107/B108
12/11/2019	1.5	17	16.54	Not measurable	Sump
12/17/2019	5	19.5	17.5	Not measurable	
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	
2/18/2020	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			Hot medbarable	
		12	11	Not measurable	
6/25/2020	0	0	0	Not measurable Not measurable	
6/30/2020	0	0	0	Not measurable Not measurable Not measured	
	0	0	0	Not measurable Not measurable	Sumps 1, 2, & 3 pumped down
6/30/2020 7/1/2020	0 0 48	0 0 46	0 0 47	Not measurable Not measurable Not measured Not measurable	Less than 0.1 gal of DNAPL recovered from B107/B108
6/30/2020	0	0	0	Not measurable Not measurable Not measured	
6/30/2020 7/1/2020	0 0 48	0 0 46	0 0 47	Not measurable Not measurable Not measured Not measurable	Less than 0.1 gal of DNAPL recovered from B107/B108 Sump Sheen visible in B99/B100 sump & B107/B108 sump, less than 0.1 gal of DNAPL recovered B107/B108 sump
6/30/2020 7/1/2020 7/8/2020 7/15/2020	0 0 48 34 32	0 0 46 24.5 29.5	0 0 47 24 29	Not measurable Not measurable Not measurable Not measurable Not measurable	Less than 0.1 gal of DNAPL recovered from B107/B108 Sump Sheen visible in B99/B100 sump & B107/B108 sump, less than 0.1 gal of DNAPL recovered B107/B108 sump Less than 0.1 gal of DNAPL recovered from B107/B108
6/30/2020 7/1/2020 7/8/2020 7/15/2020 7/23/2020	0 0 48 34 32 0	0 0 46 24.5 29.5 23	0 0 47 24 29 22.5	Not measurable Not measurable Not measurable Not measurable Not measurable Not measurable Not measurable	Less than 0.1 gal of DNAPL recovered from B107/B108 Sump Sheen visible in B99/B100 sump & B107/B108 sump, less than 0.1 gal of DNAPL recovered B107/B108 sump
6/30/2020 7/1/2020 7/8/2020 7/15/2020 7/23/2020 7/31/2020	0 0 48 34 32 0 0	0 0 46 24.5 29.5 23 11	0 0 47 24 29 22.5 10	Not measurable Not measurable Not measurable Not measurable Not measurable Not measurable Not measurable	Less than 0.1 gal of DNAPL recovered from B107/B108 Sump Sheen visible in B99/B100 sump & B107/B108 sump, less than 0.1 gal of DNAPL recovered B107/B108 sump Less than 0.1 gal of DNAPL recovered from B107/B108
6/30/2020 7/1/2020 7/8/2020 7/15/2020 7/23/2020 7/31/2020 8/5/2020	0 0 48 34 32 0 0 0 0	0 0 46 24.5 29.5 23 11 7	0 0 47 24 29 22.5 10 5	Not measurable Not measurable Not measurable Not measurable Not measurable Not measurable Not measurable Not measurable	Less than 0.1 gal of DNAPL recovered from B107/B108 Sump Sheen visible in B99/B100 sump & B107/B108 sump, less than 0.1 gal of DNAPL recovered B107/B108 sump Less than 0.1 gal of DNAPL recovered from B107/B108
6/30/2020 7/1/2020 7/8/2020 7/15/2020 7/23/2020 7/31/2020 8/5/2020 8/13/2020	0 0 48 34 32 0 0 0 0 1	0 46 24.5 29.5 23 11 7 11	0 0 47 24 29 22.5 10 5 10	Not measurable Not measurable Not measurable Not measurable Not measurable Not measurable Not measurable Not measurable Not measurable	Less than 0.1 gal of DNAPL recovered from B107/B108 Sump Sheen visible in B99/B100 sump & B107/B108 sump, less than 0.1 gal of DNAPL recovered B107/B108 sump Less than 0.1 gal of DNAPL recovered from B107/B108
6/30/2020 7/1/2020 7/8/2020 7/15/2020 7/15/2020 7/31/2020 8/5/2020 8/13/2020	0 0 48 34 32 0 0 0 1 0 0	0 0 46 24.5 29.5 23 11 7 11 7	0 0 47 24 29 22.5 10 5 10 6	Not measurable Not measurable Not measurable Not measurable Not measurable Not measurable Not measurable Not measurable Not measurable Not measurable	Less than 0.1 gal of DNAPL recovered from B107/B108 Sump Sheen visible in B99/B100 sump & B107/B108 sump, less than 0.1 gal of DNAPL recovered B107/B108 sump Less than 0.1 gal of DNAPL recovered from B107/B108
6/30/2020 7/1/2020 7/8/2020 7/15/2020 7/23/2020 7/31/2020 8/5/2020 8/13/2020	0 0 48 34 32 0 0 0 0 1	0 46 24.5 29.5 23 11 7 11	0 0 47 24 29 22.5 10 5 10	Not measurable Not measurable Not measurable Not measurable Not measurable Not measurable Not measurable Not measurable Not measurable	Less than 0.1 gal of DNAPL recovered from B107/B108 Sump Sheen visible in B99/B100 sump & B107/B108 sump, less than 0.1 gal of DNAPL recovered B107/B108 sump Less than 0.1 gal of DNAPL recovered from B107/B108
6/30/2020 7/1/2020 7/8/2020 7/15/2020 7/23/2020 7/31/2020 8/5/2020 8/13/2020	0 0 48 34 32 0 0 0 1 0 0	0 0 46 24.5 29.5 23 11 7 11 7	0 0 47 24 29 22.5 10 5 10 6	Not measurable Not measurable Not measurable Not measurable Not measurable Not measurable Not measurable Not measurable Not measurable Not measurable	Less than 0.1 gal of DNAPL recovered from B107/B108 Sump Sheen visible in B99/B100 sump & B107/B108 sump, less than 0.1 gal of DNAPL recovered B107/B108 sump Less than 0.1 gal of DNAPL recovered from B107/B108 Sump
6/30/2020 7/1/2020 7/8/2020 7/15/2020 7/23/2020 7/31/2020 8/5/2020 8/13/2020 8/19/2020 8/26/2020	0 0 48 34 32 0 0 0 0 1 0 0 0	0 0 46 24.5 29.5 23 11 7 11 7 10	0 0 47 24 29 22.5 10 5 10 6 9	Not measurable Not measurable	Less than 0.1 gal of DNAPL recovered from B107/B108 Sump Sheen visible in B99/B100 sump & B107/B108 sump, less than 0.1 gal of DNAPL recovered B107/B108 sump Less than 0.1 gal of DNAPL recovered from B107/B108 Sump Sump
6/30/2020 7/1/2020 7/8/2020 7/15/2020 7/23/2020 7/31/2020 8/13/2020 8/13/2020 8/19/2020 9/2/2020	0 0 48 34 32 0 0 0 1 1 0 0 43	0 0 46 24.5 29.5 23 11 7 11 7 10 37	0 0 47 24 29 22.5 10 5 10 6 9 38	Not measurable Not measurable	Less than 0.1 gal of DNAPL recovered from B107/B108 Sump Sheen visible in B99/B100 sump & B107/B108 sump, less than 0.1 gal of DNAPL recovered B107/B108 sump Less than 0.1 gal of DNAPL recovered from B107/B108 Sump Sump
6/30/2020 7/1/2020 7/8/2020 7/15/2020 7/23/2020 8/5/2020 8/13/2020 8/19/2020 8/26/2020 9/2/2020 9/9/2020	0 0 48 34 32 0 0 0 0 1 0 0 0 43 28	0 0 46 24.5 29.5 23 11 7 11 7 10 37 37	0 0 47 24 29 22.5 10 5 10 6 9 9 38 36	Not measurable	Less than 0.1 gal of DNAPL recovered from B107/B108 Sump Sheen visible in B99/B100 sump & B107/B108 sump, less than 0.1 gal of DNAPL recovered B107/B108 sump Less than 0.1 gal of DNAPL recovered from B107/B108 Sump Sump
6/30/2020 7/1/2020 7/8/2020 7/15/2020 7/23/2020 8/13/2020 8/13/2020 8/13/2020 8/26/2020 9/2/2020 9/9/2020 9/15/2020	0 0 48 34 32 0 0 0 0 0 1 0 0 43 28 1	0 0 46 24.5 29.5 23 11 7 11 7 10 37 37 35	0 0 47 24 29 22.5 10 5 10 6 9 9 38 36 33	Not measurable Not measurable	Less than 0.1 gal of DNAPL recovered from B107/B108 Sump Sheen visible in B99/B100 sump & B107/B108 sump, less than 0.1 gal of DNAPL recovered B107/B108 sump Less than 0.1 gal of DNAPL recovered from B107/B108 Sump Sump
6/30/2020 7/1/2020 7/8/2020 7/15/2020 7/15/2020 8/5/2020 8/13/2020 8/13/2020 8/26/2020 9/2/2020 9/15/2020 9/23/2020	0 0 48 34 32 0 0 0 0 1 0 0 1 0 0 43 28 1 0 0	0 0 46 24.5 29.5 23 11 7 11 7 10 37 37 35 0	0 0 47 24 29 22.5 10 5 10 6 9 9 38 38 36 33 0	Not measurable Not measurable	Less than 0.1 gal of DNAPL recovered from B107/B108 Sump Sheen visible in B99/B100 sump & B107/B108 sump, less than 0.1 gal of DNAPL recovered B107/B108 sump Less than 0.1 gal of DNAPL recovered from B107/B108 Sump Sump
6/30/2020 7/1/2020 7/8/2020 7/23/2020 7/23/2020 8/13/2020 8/13/2020 8/13/2020 8/12/2020 9/2/2020 9/2/2020 9/15/2020 9/23/2020 9/30/2020	0 0 48 34 32 0 0 0 0 1 1 0 0 0 1 43 28 1 0 0 1	0 0 46 24.5 29.5 23 11 7 11 7 10 37 37 35 0 10	0 0 47 24 29 22.5 10 5 10 6 9 9 38 36 33 0 9 9	Not measurable Not me	Less than 0.1 gal of DNAPL recovered from B107/B108 Sump Sheen visible in B99/B100 sump & B107/B108 sump, less than 0.1 gal of DNAPL recovered B107/B108 sump Less than 0.1 gal of DNAPL recovered from B107/B108 Sump Sump
6/30/2020 7/1/2020 7/8/2020 7/15/2020 7/15/2020 8/5/2020 8/13/2020 8/13/2020 8/26/2020 9/2/2020 9/15/2020 9/23/2020	0 0 48 34 32 0 0 0 0 1 0 0 1 0 0 43 28 1 0 0	0 0 46 24.5 29.5 23 11 7 11 7 10 37 37 35 0	0 0 47 24 29 22.5 10 5 10 6 9 9 38 38 36 33 0	Not measurable Not measurable	Less than 0.1 gal of DNAPL recovered from B107/B108 Sump Sheen visible in B99/B100 sump & B107/B108 sump, less than 0.1 gal of DNAPL recovered B107/B108 sump Less than 0.1 gal of DNAPL recovered from B107/B108 Sump Sump
6/30/2020 7/1/2020 7/15/2020 7/15/2020 7/23/2020 8/13/2020 8/13/2020 8/26/2020 9/2/2020 9/15/2020 9/15/2020 9/15/2020 9/3/2020 10/8/2020	0 0 48 34 32 0 0 0 0 0 1 0 0 43 28 1 0 1 4	0 0 46 24.5 29.5 23 11 7 10 37 37 35 0 10 12	0 0 47 24 29 22.5 10 5 10 6 9 9 38 36 33 0 9 11.5	Not measurable Not measurable	Less than 0.1 gal of DNAPL recovered from B107/B108 Sump Sheen visible in B99/B100 sump & B107/B108 sump, less than 0.1 gal of DNAPL recovered B107/B108 sump Less than 0.1 gal of DNAPL recovered from B107/B108 Sump Sumps 1, 2, & 3 pumped down (September 1); Sheen visible in B99/B100 sump & B107/B108 sump Sheen visible in B107/B108 sump
6/30/2020 7/1/2020 7/15/2020 7/15/2020 7/15/2020 8/5/2020 8/13/2020 8/19/2020 9/2/2020 9/2/2020 9/15/2020 9/30/2020 10/8/2020 10/15/2020	0 0 48 34 32 0 0 0 0 1 0 0 1 43 28 1 0 1 4 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 46 24.5 29.5 23 11 7 11 7 10 37 37 35 0 10 12 11	0 0 47 24 29 22.5 10 5 10 6 9 38 38 36 33 0 9 9 11.5 10.5	Not measurable Not measurable	Less than 0.1 gal of DNAPL recovered from B107/B108 Sump Sheen visible in B99/B100 sump & B107/B108 sump, less than 0.1 gal of DNAPL recovered B107/B108 sump Less than 0.1 gal of DNAPL recovered from B107/B108 Sump Sumps 1, 2, & 3 pumped down (September 1); Sheen visible in B99/B100 sump & B107/B108 sump Sheen visible in B107/B108 sump
6/30/2020 7/1/2020 7/1/2020 7/8/2020 7/23/2020 7/31/2020 8/13/2020 8/13/2020 8/13/2020 9/2/2020 9/2/2020 9/23/2020 9/30/2020 10/8/2020 10/8/2020 10/5/2020	0 0 48 34 32 0 0 0 0 1 1 0 0 0 43 28 1 0 0 1 4 4 0 1 1	0 0 46 24.5 29.5 23 11 7 11 7 11 7 10 37 37 35 0 10 12 11 10.5	0 0 47 24 29 22.5 10 5 10 6 9 9 38 36 33 0 9 9 11.5 10.5 9.25	Not measurable	Less than 0.1 gal of DNAPL recovered from B107/B108 Sump Sheen visible in B99/B100 sump & B107/B108 sump, less than 0.1 gal of DNAPL recovered B107/B108 sump Less than 0.1 gal of DNAPL recovered from B107/B108 Sump Sumps 1, 2, & 3 pumped down (September 1); Sheen visible in B99/B100 sump & B107/B108 sump Sheen visible in B107/B108 sump
6/30/2020 7/1/2020 7/15/2020 7/15/2020 7/15/2020 8/5/2020 8/13/2020 8/19/2020 9/2/2020 9/2/2020 9/15/2020 9/30/2020 10/8/2020 10/15/2020	0 0 48 34 32 0 0 0 0 1 0 0 1 43 28 1 0 1 4 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 46 24.5 29.5 23 11 7 11 7 10 37 37 35 0 10 12 11	0 0 47 24 29 22.5 10 5 10 6 9 38 38 36 33 0 9 9 11.5 10.5	Not measurable Not measurable	Less than 0.1 gal of DNAPL recovered from B107/B108 Sump Sheen visible in B99/B100 sump & B107/B108 sump, less than 0.1 gal of DNAPL recovered B107/B108 sump Less than 0.1 gal of DNAPL recovered from B107/B108 Sump Sump

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

11/16/20003.513.313.2Nen meanuable Nen meanuableIndex meanuable11/20/200274.613.5Nen meanuable11/20/200110.0Nen meanuableIndex meanuable11/20/201110.0Nen meanuableIndex meanuable11/20/201110.0Nen meanuableSurps 1, 2, 8.3 pumped down11/20/201110.0Nen meanuableSurps 1, 7, 8.3 pumped down11/20/201110.0Nen meanuableIndex meanuable11/20/20101.0Nen meanuableIndex meanuable11/20/20101.0Nen meanuableIndex meanuable11/20/20101.0Nen meanuableIndex meanuable11/20/20101.5Nen meanuableIndex meanuable11/20/20101.5Nen meanuableIndex meanuable11/20/20101.5Nen meanuableIndex meanuable11/20/20101.6Nen meanuableIndex meanuable11/20/20101.6Nen meanuableIndex meanuable11/20/20101.6Nen meanuableIndex meanuable11/201	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
11/30/2003 2 7 6 Not Researchie Researchie 12/14/2003 4 10 9 Not measurable 12/14/2003 4 10 9 Not measurable 12/14/2003 4 10 33 Mot measurable 12/12/2003 0 4 33 Mot measurable 12/12/2014 0 34 30 Not measurable 12/12/2012 1 30 Not measurable Steen visible in 10/2/10.03 sump. 12/12/2012 0 0 0 Not measurable Steen visible in 10/2/10.03 sump. 12/12/2012 0 0 Not measurable Steen visible in 10/2/10.03 sump. 12/12/2012 0 0 Not measurable Steen visible in 10/2/10.03 sump. 12/12/2012 0 6.5 7 Not measurable 12/12/2012 0 6.5 7 Not measurable 12/12/2012 0 6.5 7 Not measurable 12/12/2012 0 6.5 7	11/18/2020	3.5	13	12	Not measurable	
12/12/0200 5 10.5 10.0 Not researable 12/12/0200 1 9 7.5 Not researable 12/12/0200 1 9 7.5 Not researable 12/12/0200 1 9 7.5 Not researable 12/12/0201 4 10.5 9 Not researable 11/12/0211 4 10.0 Not researable Sems visible in 8027/10.0 sump. 12/12/0211 0 0 Not researable Sems visible in 8027/10.0 sump. 12/12/0211 0 0 Not researable Sems visible in 8027/10.0 sump. 12/12/0211 0 0 Not researable Sems visible in 8027/10.0 sump. 12/12/0211 0 6.5 7 Not researable Sems visible in 8027/10.0 sump. 12/12/0211 0 6.5 6 Not researable Sems visible in 8027/10.0 sump. 12/12/0211 0 6.5 6 Not researable Sems visible in 8027/10.0 sump. 12/12/0211 0 8.7.5 Not researable <t< td=""><td>11/24/2020</td><td>7</td><td>14</td><td>13.5</td><td>Not measurable</td><td></td></t<>	11/24/2020	7	14	13.5	Not measurable	
13/13/2020 4 10 9 Net messarable 12/31/2020 0 4 3.5 Net messarable 12/31/2021 43 39 7.5 Net messarable 11/32/2021 0 44 30 PCS Net messarable 11/32/2021 0 34 30 PCS Net messarable 12/32/2021 0 0.4 0 Net messarable Secret visible in 810/78:00 sump 12/32/2021 0 0.7 2.5.5 Net messarable Net messarable 12/32/2021 0 0 0 Net messarable Net messarable 12/32/2021 0 1.5 2 Net messarable Net messarable 12/32/2021 0 2.5 7 Net messarable Net messarable 12/32/2021 0 5.5 8 Net messarable Net messarable 12/32/2021 0 8.5 Net messarable Net messarable 12/32/2021 0 8.7 Net messarable <td< td=""><td>11/30/2020</td><td>2</td><td>7</td><td>6</td><td>Not measurable</td><td></td></td<>	11/30/2020	2	7	6	Not measurable	
13/13/2020 1 9 P.7.5 Net measurable 12/13/2020 0 4 3.5 Net measurable 12/13/2021 0 84 3.3 Net measurable 12/12/2021 0 84 3.3 Net measurable Sever viole in 10/7/10.80 sump 12/12/2021 0 0 0 Net measurable Sever viole in 10/7/10.80 sump 2/12/2021 0 0 0 Net measurable Sever viole in 10/7/10.80 sump 2/12/2021 0 0 0 Net measurable Sever viole in 10/7/10.80 sump 2/12/2021 0 0 0 Net measurable Sever viole in 10/7/10.80 sump 3/12/2021 0 6.5 7 Net measurable Sever viole in 10.2/10.41 sever 10/10.80 sump 4/12/2021 0 6.5 6 Net measurable Sever viole in 10.3/10.4 and 10.17/8.10 sump 5/12/2021 0 6.5 Net measurable Sever viole in 10.3/10.4 and 10.17/8.10 sump 5/12/2021 0 6.5 7 Net measurable	12/10/2020	5	10.5	10	Not measurable	
13/13/000 0 4 3.5 Not measurable Not measurable 11/13/001 43 38 37.5 Not measurable Serve visible in 0107/0108 sump 12/20/01 2 31 30 Met measurable Not measurable Serve visible in 0107/0108 sump 12/20/01 4 80 20.5 Not measurable Networkble in 0107/0108 sump 12/20/01 0 0 0 Not measurable Networkble in 0107/0108 sump 12/20/01 0 0 9.5 Not measurable 13/20/01 0 0 Not measurable 13/20/01 0 10 9.5 Not measurable 13/20/01 0 5.5 7 Not measurable 13/20/01 0 6.5 7 Not measurable 13/20/01 0 8.5 Not measurable 13/20/01 0 8.5 Not measurable 13/20/01 0 0 Not measurable 13/20/01 0 0 Not measurable 12/20/01 0	12/18/2020		10	9	Not measurable	
1/1/2021 4 10.5 9 Net rescarable Simps 1.2, 8.3 pumped down 1/2/2021 0 34 33 Not messarable Sitem visible in 107/2018 sump 1/2/2021 0 24 30 Not messarable Sitem visible in 107/2018 sump 1/2/2021 0 27 25.5 Not messarable Sitem visible in 107/2018 sump 1/2/2021 0 0 0 Not messarable Not messarable 1/2/2021 0 2.5 Not messarable 1/2/2021 0 3.5 2 Not messarable 1/2/2021 0 3.5 2 Not messarable 1/2/2021 0 3.5 7 Not messarable 1/2/2021 0 5.5 8 Not messarable 1/2/2021 0 6.5 7 Not messarable 1/2/2021 0 8 7.5 Not messarable 1/2/2021 0 0 0 Not messarable 1/2/2021 0 0 0 Not messarable 1/2/2/	12/23/2020	1		7.5	Not measurable	
1/15/2021 4.3 39 27.5 Not measurable Support 1, 2, 8 2 pumped down 1/27/2021 2 31 30 Not measurable Sheen visible in B30/7308 sump 1/27/2021 0 27 25.5 Not measurable Sheen visible in B30/7308 sump 1/17/2021 0 0 0 Not measurable Sheen visible in B30/7308 sump 1/27/2021 0 0 0 Not measurable Sheen visible in B30/7308 sump 1/27/2021 0 0 0 Not measurable Sheen visible in B30/7308 sump 1/27/2021 0 7.5 7 Not measurable Iess than 0.1 gal of DNAPI, recovered B137/B108 sump. 1/21/2021 0 6.5 6 Not measurable Iess than 0.1 gal of DNAPI, recovered B137/B108 sump. 1/21/2021 0 8.5 8 Not measurable Iess than 0.1 gal of DNAPI, recovered B137/B108 sump. 1/21/2021 0 8.5 7 Not measurable Iess than 0.1 gal of DNAPI, recovered B137/B108 sump. 1/21/2021 0 8.5 8	12/31/2020				Not measurable	
1/12/2021 0 34 33 Not measurable Sheen visible in B307/B38 sump 1/2/2021 2 31 30 Not measurable Sheen visible in B307/B188 sump 1/2/2021 0 0 0 Not measurable Sheen visible in B307/B188 sump 1/2/2021 0 0 0 Not measurable Sheen visible in B307/B188 sump 1/2/2021 0 0 0 Not measurable Sheen visible in B307/B188 sump 1/2/2021 0 1 0 9.5 Not measurable Sheen visible in B137/B188 sump 1/2/2021 0 6.5 6 Not measurable Iess than 0.1 gal of DNAPL recovered B107/B108 sump. 1/2/2021 0 6.5 6 Not measurable Sheen visible in B137/B18 sump. 1/2/2021 0 7.5 7 Not measurable Sheen visible in B137/B18 sump. 1/2/2021 0 8.5 8 Not measurable Sheen visible in B137/B18 sump. 1/2/2021 0 0 0 Not measurable Sheen visible in B137/B1	1/6/2021	4	10.5	9	Not measurable	
1/2/2021 2 31 30 Not measurable Sheen visible in B107/B108 sump 2/10/2021 0 27 25.5 Not measurable Sheen visible in B107/B108 sump 2/10/2021 0 0 0 Not measurable Sheen visible in B107/B108 sump 2/12/2021 0 0 0 Not measurable Sheen visible in B107/B108 sump 3/12/2021 0 0.5 1 Not measurable Incomesurable 3/12/2021 0 6.5 7 Not measurable Incomesurable 4/12/2021 0 6.5 6 Not measurable Incomesurable 4/12/2021 0 6.5 6 Not measurable Incomesurable 5/12/2021 0 7.5 7 Not measurable Incomesurable 5/12/2021 0 8 7.5 Not measurable Incomesurable 5/12/2021 0 4 2.5 Not measurable Incomesurable 5/12/2021 0 2 1.5 Not measurable	1/15/2021	43	39	37.5	Not measurable	Sumps 1, 2, & 3 pumped down
2/2/2021 4 30 225 Not measurable Resurable 2/17/2021 0 0 Not measurable Not measurable 2/17/2021 0 0 Not measurable Not measurable 3/12/2021 0 0 Not measurable Not measurable 3/12/2021 0 0 Not measurable Not measurable 3/12/2021 0 0.5 FN measurable Not measurable 3/12/2021 0 6.5 FN measurable Not measurable 4/12/2021 0 6.5 Not measurable Not measurable 4/12/2021 0 6.5 Not measurable Not measurable 5/12/2021 0 8 Not measurable Sheen visible in Bi02/104 and Bi07/Bi08 sumps 5/12/2021 0 0 Not measurable Sheen visible in Bi03/104 and Bi07/Bi08 sumps 5/12/2021 0 2 0.5 Not measurable Sheen visible in Bi03/104 and Bi07/Bi08 sumps 5/12/2021 0 30 2.6.5 Not measurable	1/22/2021	0	34	33	Not measurable	Sheen visible in B107/B108 sump
2/11/2021 0 27 25.5 Not measurable 2/17/2021 0 0 0 Not measurable 3/21/2021 0 0 0 Not measurable 3/21/2021 0 10 9.75 Not measurable 3/21/2021 0 3.5 2 Not measurable 3/21/2021 0 6.5 7 Not measurable 3/21/2021 0 6.5 6 Not measurable 4/21/2021 0 6.5 6 Not measurable 4/21/2021 0 6.5 6 Not measurable 4/21/2021 0 8.5 8 Not measurable 5/21/2021 0 0 0 Not measurable 5/21/2021 0 30 2.5 Not measurable 5/21/2021 0 30 2.5 Not measurable 5/21/2021 0 32 2.5 Not measurable 5/21/2021 0 33 1 Not measurable	1/29/2021	2	31	30	Not measurable	Sheen visible in B107/B108 sump
2/17/2021 0 0 Not messurable 3/2/2021 0 0 0 Not messurable 3/2/2021 0 0 0 Not messurable 3/2/2021 0 0 9.7 Not messurable 3/17/2021 0 3.5 2. Not messurable 3/2/2021 0 6.5 7 Not messurable 3/3/2021 0 6.5 7 Not messurable 4/14/2021 0.5 9 8.5 Not messurable 4/12/2021 0.5 9 8.5 Not messurable 5/20201 0 8.5 Not messurable More secondable 5/20201 0 8 7 Not messurable 5/2/2021 0 40 3.8 Not messurable 5/2/2021 0 40 3.8 Not messurable 5/2/2021 0 3 1 Not messurable 5/2/2021 0 3 1 Not messurable	2/4/2021	4	30	29.5	Not measurable	Sheen visible in B099/B100 sump
1/24/2021 2 100 9.5 Not measurable 3/1/2021 0 10 9.75 Not measurable 3/1/2021 0 3.5 2 Not measurable 3/1/2021 0 3.5 2 Not measurable 3/1/2021 0 3.5 7 Not measurable 3/1/2021 0 6.5 6 Not measurable 3/1/2021 0 6.5 6 Not measurable 4/1/2021 0 5.5 6 Not measurable 5/1/2021 0 7.5 7 Not measurable 5/1/2021 0 8 7.5 Not measurable 5/1/2021 0 8 7.5 Not measurable 5/1/2021 0 40 38 Not measurable 5/1/2021 0 30 8.5 Not measurable 5/1/2021 0 3 1 Not measurable Sumps 1.2, 8.3 pumped down (luly 15) 5/1/2021 0 3 <	2/10/2021	0	27	25.5	Not measurable	
3/2/2021 0 0 0 Not mesurable 3/10/2021 0 2 1 Not mesurable 3/17/2021 0 3.5 2 Not mesurable 3/12/2021 0 6.5 7 Not mesurable 4/12/2021 0 6.5 7 Not mesurable 4/12/2021 0 6.5 6 Not mesurable 4/12/2021 0.5 9 8.5 Not mesurable 5/12/2021 0.5 9 8.5 Not mesurable 5/12/2021 0.5 9 8.5 Not mesurable 5/12/2021 0 8 7.5 Not mesurable 5/12/2021 0 8 7.5 Not mesurable 5/12/2021 0 8 Not mesurable Surget 1.1.8 3 pumped down 5/12/2021 0 3 1 Not mesurable Not mesurable 6/12/2021 0 3 1 Not mesurable Not mesurable 6/12/2021	2/17/2021	0	0	0	Not measurable	
3/17/2021 0 10 9.75 Not mesurable 3/17/2021 0 3.5 2 Not mesurable 3/17/2021 0 3.5 2 Not mesurable 4/17/2021 0 6.5 7 Not mesurable 4/17/2021 0 6.5 7 Not mesurable 4/17/2021 0 6.5 6 Not mesurable 4/17/2021 0 6.5 8 Not mesurable 4/17/2021 0 6.5 8 Not mesurable 5/17/2021 0 7 Not mesurable Sumps 1,2,& 8 pumped down 5/17/2021 0 2 0.5 Not mesurable 6/17/2021 0 30 2.8.5 Not mesurable 6/17/2021 0 30 2.8.5 Not mesurable 6/17/2021 0 30 2.8.5 Not mesurable 6/17/2021 0 30 7 Not mesurable 6/17/2021 0 35 Not mesurable	2/24/2021	2	10	9.5	Not measurable	
3/17/2021 0 2 1 Not mesurable 3/3/2021 0 6.5 7 Not mesurable 4/8/2021 0 7.5 7 Not mesurable 4/8/2021 0 6.5 6 Not mesurable 4/1/2021 0 6.5 6 Not mesurable 4/1/2021 0 6.5 6 Not mesurable 5/1/2021 0 8.5 8 Not mesurable 5/1/2021 0 7.5 7 Not mesurable 5/1/2021 0 7.5 7 Not mesurable 5/1/2021 0 0 0 Not mesurable 5/1/2021 0 30 28.5 Not mesurable 6/1/2021 0 30 28.5 Not mesurable 6/1/2021 0 3 1 Not mesurable 6/1/2021 0 3 1 Not mesurable 6/1/2021 0 3 1 Not mesurable 6/1	3/2/2021	0	0	0	Not measurable	
3/24/2021 0 3.5 2 Not mesurable 3/21/2021 0 7.5 7 Not mesurable 4/8/2021 0 7.5 7 Not mesurable 4/14/2021 0 6.5 6 Not mesurable 4/21/2021 0 6.5 8 Not mesurable 4/21/2021 0 8.5 Not mesurable 5/5/2021 0 7.5 7 Not mesurable 5/1/2022 0 8 7.5 Not mesurable 5/1/2021 0 8 7.5 Not mesurable 5/1/2022 0 2 0.5 Not mesurable 5/2/2021 0 30 2.8.5 Not mesurable 6/3/2022 0 30 1.8 Not mesurable 6/3/2021 0 3 1.0 Not mesurable 6/3/2022 0 3 1.0 Not mesurable 6/3/2021 0 0 Not mesurable 7/1/4/2022 0	3/10/2021	0	10	9.75	Not measurable	
3/24/2021 0 3.5 2 Not mesurable 4/8/2021 0 7.5 7 Not mesurable 4/8/2021 0 7.5 7 Not mesurable 4/14/2021 0 6.5 6 Not mesurable 4/21/2021 0 6.5 6 Not mesurable 4/21/2021 0 6.5 7 Not mesurable 5/12/2021 0 8.5 8 Not mesurable 5/12/2021 0 2 0.5 Not mesurable 5/12/2021 0 30 2.8.5 Not mesurable 6/12/2021 0 40 38 Not mesurable 6/12/2021 0 30 2.8.5 Not mesurable 6/12/2021 0 30 1 Not mesurable 6/12/2021 0 32 Not mesurable Sumps 1.2, & 3 pumped down (July 15) 7/12/2021 0 33 37 Not mesurable Sumps 1.2, & 3 pumped down (July 15) 7/12/2021 0		0	2	1	Not measurable	
3/31/2021 0 6.5 7 Not measurable 4/8/2021 0 7.5 7 Not measurable 4/4/2021 0 6.5 6 Not measurable 4/1/2021 0 6.5 6 Not measurable 4/21/2021 0 8.5 8 Not measurable 5/2021 0 7.5 7 Not measurable 5/2021 0 8 7.5 Not measurable 5/2021 0 0 0 Not measurable 5/2022 0 3 1 Not measurable 6/2/2021 0 30 2.8.5 Not measurable 6/2/2021 0 30 2.8.5 Not measurable 6/2/2021 0 3 1 Not measurable		0	3.5	2		
4/8/2021 0 7.5 7 Not mesurable 4/4/2021 0 6.5 6 Not mesurable Steen visible in 8103/104 and 8107/8108 sump; 4/1/2/021 0.5 9 8.5 Not mesurable Steen visible in 8103/104 and 8107/8108 sump; 4/2/2/021 0 6.5 8 Not mesurable Steen visible in 8103/104 and 8107/8108 sump; 5/17/021 0 7.5 7 Not mesurable Steen visible in 8103/104 and 8107/8108 sump; 5/17/021 0 0 0 Not mesurable Steen visible in 8103/104 and 8107/8108 ump; 6/17/021 0 0 0 Not mesurable Steen visible in 8103/104 and 8107/8108 ump; 6/17/022 0 3 1 Not mesurable Steen visible in 8103/104 and 8107/8108 ump; 6/17/022 0 3 1 Not mesurable Steen visible in 8103/104 and 8107/8108 ump; 7/17/022 0 3 1 Not mesurable Steen visible in 8103/104 and 8107/8108 ump; 7/17/022 0 3 1 Not mesurable Ste						
V/14/2021 0 6.5 6 Not measurable V/21/2021 0.5 9 8.5 Not measurable V/21/2021 0 8.5 Not measurable System 0 7.5 7 Not measurable System 0 0 0 Not measurable System 0 0 0 Not measurable System 0 0 0 Not measurable System 0 2 0.5 Not measurable System 0 2 0.5 Not measurable System 0 2 0.5 Not measurable System 0 0 0 Not measurable System 0 0 0 Not measurable System 0 0 0 Not measurable System 0 3 1 Not measurable System 0 3 1 Not measurable System 0						
4/12/2021 0.5 9 8.5 Not measurable 4/28/2021 0 7.5 7 Not measurable 5/5/2021 0 7.5 7 Not measurable 5/5/2021 0 0 0 Not measurable 5/12/2021 0 0 0 Not measurable 5/2/2021 0 2 0.5 Not measurable 5/2/2021 0 2 2.5 Not measurable 5/2/2021 0 2.4 2.5 Not measurable 6/2/2021 0 2.4 2.5 Not measurable 6/2/2021 0 2.4 2.5 Not measurable 6/2/2021 0 3 1 Not measurable 6/2/2021 0 3 1 Not measurable 7/17/2021 0 3 2 Not Measurable 8/4/2021 0 3 2 Not measurable 8/12/2021 0 3 4 Not measurable <	1/0/2021		7.0			Less than 0.1 gal of DNAPL recovered B107/B108 sump;
4/28/021 0 8.5 8 Not measurable 5/5/021 0 7.5 7.5 Not measurable 5/12/021 0 8 7.5 Not measurable 5/12/021 0 2 0.5 Not measurable 5/12/021 0 40 38 Not measurable 6/12/021 0 40 38 Not measurable 6/12/021 0 40 38 Not measurable 6/12/021 0 24 25 Not measurable 6/12/021 0 3 1 Not measurable 6/12/021 0 3 1 Not measurable 6/12/021 0 3 1 Not measurable 6/12/021 0 3 3 Not measurable 7/14/021 0 3 3 Not measurable 8/11/2021 0 3 3 Not measurable 8/11/2021 0 25 Not measurable Sheen visible in B103/104 and B	4/14/2021		6.5	6		Sheen visible in B103/104 and B107/B108 sumps
5/5/2021 0 7.5 Not mesurable 5/12/2021 0 0 0 Not mesurable 5/26/2021 0 2 0.5 Not mesurable Sumps 1.2. & 3 pumped down 5/26/2021 0 30 2.8 Not mesurable Sheen visible in B107/108 sump 6/20201 0 30 2.8 Not mesurable Sheen visible in B107/108 sump 6/30/2021 0 3 1 Not mesurable Sumps 1.2, & 3 pumped down (July 15) 7/21/2021 0 3 1 Not mesurable Sumps 1.2, & 3 pumped down (July 15) 7/21/2021 0 3 1 Not mesurable Sumps 1.2, & 3 pumped down (July 15) 7/21/2021 0 3 32 Not mesurable Sheen visible in B103/104 and B107/B108 sumps 8/12/2021 0 3 32 Not mesurable Depth to DNAPL mesurements were not taken; the 8/12/2021 0 3 4 Not mesurable Sheen visible in B103/104 and B107/B108 sump 9/12/2021 0 3 4 </td <td>4/21/2021</td> <td>0.5</td> <td></td> <td>8.5</td> <td></td> <td></td>	4/21/2021	0.5		8.5		
5/12/2021 0 8 7.5 Not mesurable 5/30/2021 0 2 0.5 Not mesurable Sumps 1.2.8.3 pumped down 5/27/2021 0 20 0.5 Not mesurable Sheen visible in B107/108 sump 6/27/2021 0 24 25 Not mesurable Sheen visible in B107/108 sump 6/23/2021 0 24 25 Not mesurable Sheen visible in B107/108 sump 6/23/2021 0 12 13 Not mesurable Sheen visible in B103/104 sumps 6/23/2021 0 0 0 Not mesurable Sumps 1.2, & 3 pumped down (July 15) 7/14/2021 0 37 35.5 Not mesurable Sumps 1.2, & 3 pumped down (July 15) 7/12/2021 0 33 32 Not mesurable Sumps 1.2, & 3 pumped down (July 15) 7/12/2021 0 25 23 Not mesurable Sumps 1.2, & 3 pumped down (July 15) 7/12/2021 0 20 17 Not mesurable Sumps 1.2, & 3 pumped down (September 17) 7/2/2/2021	4/28/2021					
5/12/2021 0 0 Not measurable 5/267/2011 0 2 0.5 Not measurable Sumps 1.2. & 3 pumped down 6/2/2021 0 30 28.5 Not measurable Sumps 1.2. & 3 pumped down 6/3/2021 0 24 25 Not measurable Sumps 1.2. & 3 pumped down 6/3/2021 0 12 13 Not measurable Sumps 1.2. & 3 pumped down (July 15) 6/3/2021 0 3 1 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) 7/1/2021 0 37 35.5 Not measurable Sumps 1.2. & 3 pumped down (July 15) 7/12/2021 0 33 32 Not measurable Sumps 1.2. & 3 pumped down (Suptemper 17) 8/4/2021 0 20 27 Not measurable Sumps 1.2. & 3 pumped down (September 17) 9/12/2021 0 3 4 Not measurable Sumps 1.2. & 3 pumped down (September 17) 9/12/2021	5/5/2021	0	7.5	7	Not measurable	
5/26/2021 0 2 0.5 Not messurable Sump 1.2.8.3 pumped down 5/27/2021 0 40 38 Not messurable Sheen visible in B107/108 sump 6/2/2021 0 30 22.5 Not messurable Sheen visible in B107/108 sump 6/2/2021 0 24 25 Not messurable Sheen visible in B107/108 sump 6/2/2021 0 12 13 Not messurable Sheen visible in B107/108 sump 6/2/2021 0 0 0 Not messurable Sumps 1.2, & 3 pumped down (July 15) 7/24/2021 0 37 35.5 Not messurable Sumps 1.2, & 3 pumped down (July 15) 7/21/2021 0 36 34 Not messurable Sumps 1.2, & 3 pumped down (Sup 10) 8/12/2021 0 25 23 Not messurable Sup 10, 20, 20, 20, 22, Not messurable 8/12/2021 0 20 17 Not messurable Sumps 1.2, & 3 pumped down (September 17) 9/12/2021 0 23 30.75 Not messurable Sup 1.2, & 3 pumped down	5/12/2021	0	8	7.5	Not measurable	
5/27/2021 4.1 3.2 2.6 Not measurable Sumps 1.2.8.3 pumped down 6/2/2021 0 30 28.5 Not measurable Sheen visible in B107/108 sump 6/3/2021 0 24 25 Not measurable Simps 1.2.8.3 pumped down (July 15) 6/3/2021 0 3 1 Not measurable Simps 1.2.8.3 pumped down (July 15) 7/1/2021 0 0 0 Not measurable Simps 1.2.8.3 pumped down (July 15) 7/21/2021 0 37 85.5 Not measurable Simps 1.2.8.3 pumped down (July 15) 7/21/2021 0 37 35.5 Not measurable Simps 1.2.8.3 pumped down (July 15) 7/21/2021 0 33 32 Not measurable Simps 1.2.8.3 pumped down (Signet measurable 8/4/2021 0 25 23 Not measurable Simps 1.2.8.3 pumped down (Signet measurable 9/12/2021 0 20 17 Not measurable Simps 1.2.8.3 pumped down (Signet measurable 9/12/2021 0 29 30.75 Not measurable	5/19/2021	0	0	0	Not measurable	
6/2/2021 0 40 38 Not measurable Sheen visible in B107/108 sump 6/3/2021 0 24 25 Not measurable 6/3/2021 0 12 13 Not measurable 6/3/2021 0 12 13 Not measurable 6/3/2021 0 3 1 Not measurable 5/3/2021 0 3 1 Not measurable 7/1/2021 0 0 0 Not measurable 7/1/2021 0 37 35.5 Not measurable Sumps 1.2, & 3 pumped down (July 15) 7/1/2021 0 36 34 Not measurable Sheen visible in B103/104 and B107/8108 sumps 8/1/2021 0 25 23 Not measurable Sheen visible in B107/8108 sump 8/1/2021 0 20 22 Not measurable Sheen visible in B107/8108 sump 9/1/2021 0 20 17 Not measurable Sheen visible in B103/104 and B107/8108 sump 9/2/20201 3 4 Not m	5/26/2021	0	2	0.5	Not measurable	
6/2/2021 0 40 38 Not measurable Sheen visible in B107/108 sump 6/16/2021 0 24 25 Not measurable 6/2/2021 0 12 13 Not measurable 6/2/2021 0 3 1 Not measurable 6/2/2021 0 3 1 Not measurable 7/1/2021 0 0 0 Not measurable 7/1/2021 0 37 35.5 Not measurable 7/1/2021 0 36 34 Not measurable 8/4/2021 0 36 34 Not measurable 8/1/2021 0 25 23 Not measurable 8/1/2021 0 20 17 Not measurable 8/1/2021 0 20 17 Not measurable 9/1/2021 3 34 Not measurable Sheen visible in B107/B108 sump 9/2/2021 0 29 30.75 Not measurable Sheen visible in B103/104 and B107/B108 sump	5/27/2021	41	32	26	Not measurable	Sumps 1,2, & 3 pumped down
6/9/2021 0 30 22.5 Not measurable 6/3/2021 0 12 13 Not measurable 6/3/2021 0 3 1 Not measurable 6/3/2021 0 3 1 Not measurable 7/1/2021 0 0 0 Not measurable 7/1/2021 0 37 RS5.5 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 measurable 8/11/2021 0 20 17 Not measurable 9/12/201 0 20 17 Not measurable 9/12/201 0 3 4 Not measurable	6/2/2021	0	40	38	Not measurable	
6/16/2020. 0 24 25 Not measurable 6/23/2021 0 12 13 Not measurable 7/7/2021 0 0 0 Not measurable 7/7/2021 0 0 0 Not measurable 7/1/2021 0 39 37 Not measurable 7/1/2021 0 36 34 Not measurable 8/1/2021 0 36 34 Not measurable 8/1/2021 0 33 32 Not measurable 8/1/2021 0 25 23 Not measurable 8/1/2021 0 20 22 Not measurable 9/1/2021 0 20 21 Not measurable 9/1/2021 0 3 4 Not measurable 9/1/2021 0 10 29 30.75 Not measurable 9/1/2021 0 18 1.7. Not measurable Sheen visible in B107/B108 sump 10/2020 1.15 N		0	30			
6/23/0201 0 12 13 Not measurable 6/30/0201 0 3 1 Not measurable 7/1/2021 0 0 0 Not measurable 7/1/2021 0 0 0 Not measurable 7/1/2021 0 37 35.5 Not measurable 7/21/2021 0 37 35.5 Not measurable 8/4/2021 0 36 34 Not measurable 8/4/2021 0 33 32 Not measurable 8/11/2021 0 20 22 Not measurable 8/12/2021 0 20 17 Not measurable 9/1/2021 0 20 17 Not measurable 9/1/2021 0 3 4 Not measurable Sheen visible in B107/8108 sumps 9/1/2021 0 29 30.75 Not measurable Sheen visible in B107/8108 sumps 10/1/2021 0 13.94 12.6 Not measurable Sumps 1.2, & 3 pumped down (
6f30/2021 0 3 1 Not measurable 7/7/2021 0 0 Not measurable Sumps 1,2, & 3 pumped down (July 15) 7/14/2021 0 39 37 Not measurable Sumps 1,2, & 3 pumped down (July 15) 7/12/2021 0 36 34 Not measurable Deepth to DNAPL measurements were not taken; the instaurements were not taken; the inspection conducted 12/22/12/13/12/12/12/12/13/12/12/13/12/12/12/13/12/12/12/13/12/12/12/13/12/12/12/13/12/12/12/13/12/12/12/13/12/12/12/13/12/12/12/13/12/12/12/13/12/12/12/13/12/12/12/13/12/12/12/13/12/12/13/12/12/13/12/12/13/12/12/12/13/12/12/13/13/11 Not measurable 11/12/2021 0 12/12/202/1 -						
7/7/2021 0 0 Not measurable Sumps 1,2, & 3 pumped down (july 15) 7/14/2021 0 39 37 Not measurable Sumps 1,2, & 3 pumped down (july 15) 7/21/2021 0 37 35,5 Not measurable Sheen visible in B103/104 and B107/B108 sumps 8/4/2021 0 33 32 Not measurable Sheen visible in B103/104 and B107/B108 sumps 8/11/2021 0 25 23 Not measurable Interface probe was not functioning properly 8/12/2021 0 20 22 Not measurable Interface probe was not functioning properly 9/12/2021 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 sumps 10/7/2021 0 13 4 Not measurable Sheen visible in B103/104 and B107/B108 sumps 10/13/2021 0 13 94 12.6 Not measurable Sheen visible in B103/104 and B107/B108 sumps 10/13/2021 0 1						
7/14/2021 0 0 Not measurable Sumps 1,2, & 3 pumped down (July 15) 7/21/2021 0 37 Not measurable Sheen visible in B103/104 and B107/B108 sumps 8/4/2021 0 36 34 Not measurable Deept to DNAPL measurements were not taken; the interface probe was not functioning properly 8/1/2021 0 25 23 Not measurable Deept to DNAPL measurements were not taken; the interface probe was not functioning properly 8/18/2021 0 20 17 Not measurable Deept 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 9/15/2021 0 3 4 Not measurable Sheen visible in B103/104 and B107/B108 sumps 10/7/2021 0 29 30.75 Not measurable Sheen visible in B103/104 and B107/B108 sumps; brown discloration and slight odor noted B099/B100 10/13/2021 3.6 10.56 9.72 Not measurable Sumps 1,2, & 3 pumped down (Lotober 21) 10/13/2021 0 13.94 12.6						
7/21/2021 0 39 37 Not measurable Interact of the second						Sumps 1.2 & 3 numbed down (July 15)
7/29/2021 0 37 35.5 Not measurable 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 Interface probe was not functioning properly 8/18/2021 0 20 17 Not measurable Interface probe was not functioning properly 8/17/2021 0 20 17 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 0 29 30.75 Not measurable Sumps 1,2, & 3 pumped down (September 17) 10/7/2021 6 128 17.5 Not measurable Sumps 1,2, & 3 pumped down (October 21) 10/12/2021 0 13.94 12.6 Not measurable Sumps 1,2, & 3 pumped down (October 21) 10/27/2021 0 22						Sumps 1,2, & S pumped down (Suly 15)
8/4/2021 0 36 34 Not measurable Sheen visible in B103/104 and B107/B108 sumps 6/11/2021 0 33 32 Not Measurable Interface probe was not functioning properly 8/18/2021 0 25 23 Not measurable Interface probe was not functioning properly 8/12/2021 0 20 17 Not measurable Interface probe was not functioning properly 9/12/2021 0 20 17 Not measurable Sumps 1,2, & 3 pumped down (September 17) 9/12/2021 31.5 46 46 Not measurable Sheen visible in B107/B108 sumps 9/12/2021 0 29 30.75 Not measurable Sheen visible in B107/B108 sumps 10/12/2021 6 18 17.5 Not measurable sump 10/13/2021 0 2.2 2.1 Not measurable sump 1.2, & 3 pumped down (October 21) 10/20/2021 0 2.2 10 Not measurable sump 1.2, & 3 pumped down (October 21) 10/20/2021 0 2.1 Not measurable <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td></t<>						
8/11/2021 0 33 32 Not Measurable Interface probe was not functioning properly 8/18/2021 0 25 23 Not measurable 9/12/2021 0 20 17 Not measurable 9/12/2021 0 20 17 Not measurable 9/12/2021 0 3 14 11 Not measurable 9/15/2021 0 3 4 Not measurable Sheen visible in B103/B108 sump 9/12/2021 31.5 46 46 Not measurable Sheen visible in B103/B108 sump 9/12/2021 6 18 17.5 Not measurable Sheen visible in B103/104 and B107/B108 sump 10/12/2021 3.6 10.56 9.72 Not measurable Sump 12, & 3 gumped down (October 21) 10/20201 0 13.94 12.6 Not measurable Sheen visible in B099/B100 sump 11/3/2021 0 22 21 Not measurable Sheen visible in B099/B100 sump 11/1/2021 16 15 Not measurable Sheen vi						
8/18/2021 0 25 23 Not measurable 8/25/2021 0 20 22 Not measurable 9/1/2021 0 20 17 Not measurable 9/1/2021 3 14 11 Not measurable 9/15/2021 0 3 4 Not measurable Sumps 1,2, & 3 pumped down (September 17) 9/22/2021 0 29 30.75 Not measurable Sheen visible in B103/104 and B107/B108 sumps 9/22/2021 6 18 17.5 Not measurable Sheen visible in B103/104 and B107/B108 sumps; brown discloration and slight door noted 8099/B100 10/13/2021 3.6 10.56 9.72 Not measurable sump 10/22/2021 0 13.94 12.6 Not measurable sump 1.2, & 3 pumped down (October 21) 10/27/2021 0 22 21 Not measurable Sump 1.2, & 3 pumped down (October 21) 10/27/2021 0 22 21 Not measurable Sump 1.2, & 3 pumped down (October 21) 10/27/2021 12 16 15 </td <td>8/11/2021</td> <td>0</td> <td>33</td> <td>32</td> <td>Not Measured</td> <td>interface probe was not functioning properly</td>	8/11/2021	0	33	32	Not Measured	interface probe was not functioning properly
8/E5/2021 0 20 22 Not measurable 9/1/2021 0 20 17 Not measurable 9/8/2021 3 14 11 Not measurable Sumps 1,2, & 3 pumped down (September 17) 9/22/2021 0 3 4 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 Sheen visible in B103/104 and B107/B108 sumps; 10/13/2021 3.6 10.56 9.72 Not measurable Sumps 1,2, & 3 pumped down (October 21) 10/27/2021 0 22 21 Not measurable Sumps 1,2, & 3 pumped down (October 21) 10/27/2021 0 22 21 Not measurable Sumps 1,2, & 3 pumped down (October 21) 11/12/2021 10 20 21 Not measurable Sumps 1,2, & 3 pumped down (October 21) 11/1/2/2021 12 16 15 Not measurable Sumps 1,2, & 3 pumped down (October 21)		0	25	23	Not measurable	
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 3 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 8099/B100 10/7/2021 0 13.94 12.6 Not measurable Sumps 1,2, & 3 pumped down (October 21) 10/27/2021 0 12.94 Not measurable Sumps 1,2, & 3 pumped down (October 21) 10/27/2021 0 12.94 Not measurable Sumps 1,2, & 3 pumped down (October 21) 10/27/2021 0 12 16 15 Not measurable 11/10/2021 12 16 15 Not measurable Partial site inspection conducted 12/22/21; Sump 12/2/2021 7 14 13 Not measurable Partial						
9/8/2021 3 14 11 Not measurable Sumps 1,2, & 3 pumped down (September 17) 9/12/2021 0 3 46 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 Sheen visible in B103/104 and B107/B108 sumps; brown discoloration and slight odor noted 8099/B100 10/13/2021 3.6 10.56 9.72 Not measurable Sheen visible in B103/104 and B107/B108 sumps; brown discoloration and slight odor noted 8099/B100 10/12/2021 0 13.94 12.6 Not measurable Sumps 1.2, & 3 pumped down (October 21) 10/22/2021 0 22 21 Not measurable Sheen visible in B099/B100 sump 11/10/2021 18 16 15 Not measurable Sheen visible in B099/B100 sump 11/12/2021 7 14 13 Not measurable Sheen visible in B099/B100 sump 12/12/2021 7 15 14 Not measurable 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 9/25/2021 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/B100 10/13/2021 0 13.94 12.6 Not measurable Sumps 1,2, & 3 pumped down (October 21) 10/27/2021 0 13.94 12.6 Not measurable Sumps 1,2, & 3 pumped down (October 21) 10/27/2021 0 13.94 12.6 Not measurable Sheen visible in B09/B100 sump 11/3/2021 0 22 21 Not measurable Sheen visible in B09/B100 sump 11/1/2021 12 16 15 Not measurable Not measurable 11/1/2/2021 7 15 14 Not measurable Partial site inspection conducted 12/22/21; sump 12/2/2/2021 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td></t<>						
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; brow discoloration and slight odor noted B099/B100 10/7/2021 3.6 10.56 9.72 Not measurable Sumps 1,2, & 3 pumped down (October 21) 10/13/2021 0 13.94 12.6 Not measurable Sumps 1,2, & 3 pumped down (October 21) 10/20/2021 0 13.94 12.6 Not measurable Sumps 1,2, & 3 pumped down (October 21) 10/27/021 0 22 21 Not measurable Sumps 1,2, & 3 pumped down (October 21) 10/27/021 0 22 21 Not measurable Sumps 1,2, & 3 pumped down (October 21) 11/17/2021 12 16 15 Not measurable Sumps 1,2, & 3 pumped down (October 21) 11/2/2021 12 16 15 Not measurable Sumps 1,2, & 3 pumped down (October 21) 11/17/2021 7 14 13 Not measurable measurable 12/12/2021 7 <td></td> <td></td> <td></td> <td></td> <td></td> <td>Sumps 1.2. & 3 pumped down (September 17)</td>						Sumps 1.2. & 3 pumped down (September 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/B100 10/13/2021 3.6 10.56 9.72 Not measurable Sump 1, 2, 8 3 pumped down (October 21) 10/27/2021 0 13.94 12.6 Not measurable Sumps 1, 2, 8 3 pumped down (October 21) 10/27/2021 0 22 21 Not measurable Sumps 1, 2, 8 3 pumped down (October 21) 10/27/2021 10 20 21 Not measurable Sumps 1, 2, 8 3 pumped down (October 21) 10/27/2021 12 16 15 Not measurable Intrastrastrastrastrastrastrastrastrastras						
10/7/2021 6 18 17.5 Not measurable 10/13/2021 3.6 10.56 9.72 Not measurable Sheen visible in B103/104 and B107/B108 sumps; brown discoloration and slight odor noted B099/B100 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 11/1/2021 12 16 15 Not measurable Sheen visible in B099/B100 sump 11/12/2021 7 14 13 Not measurable Not measurable 11/12/2021 7 15 14 Not measurable measurable 12/15/2021 7 15 14 Not measurable measurable 12/22/2021 - - - Not measurable measurable 1/12/2022 13.5 17 16 Not measurable Not measurable 1/12/2022 <						
10/13/2021 3.6 10.56 9.72 Not measurable 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 11/1/2021 12 16 15 Not measurable Interpretain 11/1/2021 8 16 15 Not measurable Interpretain 12/1/2021 7 14 13 Not measurable Interpretain 12/1/2021 7 15 14 Not measurable Interpretain 12/1/2021 7 15 15 Not measurable Interpretain 12/22/2021 - - - Not measurable Interpretain 12/22/2021 - - - Not measurable Interpretain 1/1/2/2022 8.75 13.5 12.25 Not						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 11/10/2021 12 16 15 Not measurable Interpretain and the pretain and	10/12/2024	3.6	10.50	0.70	Not moss with	Sown discoloration and signt odor noted 8099/B100
10/27/2021 0 22 21 Not measurable Sheen visible in B099/B100 sump 11/3/2021 10 20 21 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 12/1/2021 7 15 14 Not measurable 12/2/2021 6 12.5 12 Not measurable 12/2/2021 - - - Not measurable 11/2/2021 0 11.5 11 Not measurable 11/2/2022 0 11.5 11 Not measurable 11/12/2022 6 12 12 Not measurable 11/12/2022 13.5 17 16 Not measurable 11/12/2022 -						Sump 1.2. & 3 numbed down (October 31)
11/3/2021 10 20 21 Not measurable 11/10/2021 12 16 15 Not measurable 11/17/2021 7 14 13 Not measurable 11/1/2/2021 7 14 13 Not measurable 12/1/2021 7 15 14 Not measurable 12/1/2021 6 12.5 12 Not measurable 12/1/2021 7 15 14 Not measurable 12/1/2021 7 15 12 Not measurable 12/2/2021 6 12.5 12 Not measurable 12/2/2/2021 - - Not Measured measurements were not taken 12/2/2/2021 0 11.5 11 Not measurable 1/5/2022 8.75 13.5 12.25 Not measurable 1/12/2022 13.5 17 16 Not measurable 1/12/2022 3 9 9 Not measurable 2/2/2022 - -						
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 6 12.5 12 Not measurable 12/1/2021 7 15 15 Not measurable 12/2/2/2021 6 12.5 12 Not measurable 12/2/2/2021 - - Not Measurable measurements were not taken 12/2/2/2021 0 11.5 11 Not measurable 12/2/2/2021 0 11.5 11 Not measurable 11/2/2022 8.75 13.5 12.25 Not measurable 1/1/2/2022 6 12 12 Not measurable 1/1/2/2022 13.5 17 16 Not measurable 1/1/2/2022 - - - Not Measurements were not taken; the inspector was 1/2/2/2022 <td></td> <td></td> <td></td> <td></td> <td></td> <td>אינערא אינערא אינער</td>						אינערא אינער
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 12/15/2021 7 15 15 Not measurable 12/22/2021 - - Not Measurable Partial site inspection conducted 12/22/21; Sump measurable 12/22/2021 - - Not Measurable measurable 12/22/2021 - - Not measurable measurements were not taken 11/2/2022 8.75 13.5 12.2 Not measurable Mot measurable 1/12/2022 6 12 12 Not measurable Measurements were not taken; the inspector was unable 1/12/2022 3 9 9 Not measurable Measurements were not taken; the inspector was unable 2/2/2022 - - Not measurable Measurem						
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 measurements were not taken 12/29/2021 0 11.5 11 Not measurable 11/2/2022 6 12 12 Not measurable 11/2/2022 6 12 12 Not measurable 1/12/2022 6 12 12 Not measurable 1/12/2022 13.5 17 16 Not measurable 1/12/2022 3 9 9 Not measurable 2/2/2022 - - Not Measure Measurements were not taken; the inspector was unable 2/16/2022 8.5 17 16 Not measurable 2/16/2022 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td></t<>						
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 measurements were not taken 12/29/2021 0 11.5 11 Not measurable 11/5/2022 8.75 13.5 12.25 Not measurable 11/12/2022 6 12 12 Not measurable 11/12/2022 13.5 17 16 Not measurable 11/2/2022 3 9 9 Not measurable 1/2/2022 - - - Not measurable 1/2/2022 3 9 9 Not measurable 2/2/2022 - - - Not Measurable 2/16/2022 8.5 17 16 Not measurable 3/2/2022 5.5 14 13.5						
12/8/2021 6 12.5 12 Not measurable 12/15/2021 7 15 15 Not measurable 12/22/2021 - - Not Measurable measurements were not taken 12/29/2021 0 11.5 11 Not measurable 12/29/2021 0 11.5 11 Not measurable 11/2/2022 8.75 13.5 12.25 Not measurable 11/12/2022 6 12 12 Not measurable 11/12/2022 13.5 17 16 Not measurable 11/27/2022 3 9 9 Not measurable 12/2/2022 - - Not Measured Measurements were not taken; the inspector was unable to open the sumps 1/2/2022 - - Not Measurable Measurements were not taken; the inspector was unable to open the sumps 2/2/2022 - - - Not measurable Measurements were not taken; the inspector was unable 2/16/2022 8.5 17 16 Not measurable Measurements						
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 measurements were not taken 12/29/2021 0 11.5 11 Not measurable measurements were not taken 1/15/2022 8.75 13.5 12.25 Not measurable measurable 1/12/2022 6 12 12 Not measurable Sheen visible in B099/B100 sump 1/12/2022 3 9 9 Not measurable Measurements were not taken; the inspector was unable to open the sumps 2/2/2022 - - - Not measurable 2/2/2022 9 15 15 Not measurable 2/2/2022 9 15 15 Not measurable 2/2/2022 5.5 14 13.5 Not measurable 2/2/2022 5.5 15 14 Not measurable 3/2/2022 5.5 15 <						
12/22/2021 - - Not Measured Not Measurable Partial site inspection conducted 12/22/21; Sump measurements were not taken 12/29/2021 0 11.5 11 Not Measurable 12/29/2021 0 11.5 11 Not measurable 11/2/2022 6 12 12 Not measurable 1/12/2022 6 12 12 Not measurable 1/12/2022 13.5 17 16 Not measurable 1/12/2022 3 9 9 Not measurable 1/27/2022 - - Not Measurable Measurements were not taken; the inspector was 2/2/2022 - - Not Measurable Measurements were not taken; the inspector was 2/9/2022 9 15 15 Not measurable 2/16/2022 8.5 17 16 Not measurable 2/2/2022 5.5 14 13.5 Not measurable 3/2/2022 5.5 15 14 Not measurable 3/16/2022 4.5 7						
12/22/2021 - - Not Measured measurements were not taken 12/29/2021 0 11.5 11 Not measurable 1/5/2022 8.75 13.5 12.25 Not measurable 1/1/2/2022 6 12 12 Not measurable 1/1/2/2022 13.5 17 16 Not measurable 1/1/2/2022 3 9 9 Not measurable 1/2/2022 - - Not measurable Measurements were not taken; the inspector was 1/2/2022 - - Not measurable Measurements were not taken; the inspector was 2/2/2022 - - Not Measured unable to open the sumps 2/16/2022 8.5 17 16 Not measurable 2/16/2022 5.5 14 13.5 Not measurable 3/2/2022 5.5 15 14 Not measurable 3/2/2022 5.5 15 14 Not measurable 3/2/2022 4.5 7 6 Not measurable 3/2/2022 4.5 7 6 Not measurable	12/15/2021	/	15	15	Not measurable	
1/5/2022 8.75 13.5 12.25 Not measurable 1/12/2022 6 12 12 Not measurable 1/19/2022 13.5 17 16 Not measurable 1/27/2022 3 9 9 Not measurable 1/27/2022 3 9 9 Not measurable 2/2/2022 - - Not Measured Measurements were not taken; the inspector was unable to open the sumps 2/9/2022 9 15 15 Not measurable 2/16/2022 8.5 17 16 Not measurable 2/2/2022 5.5 14 13.5 Not measurable 2/16/2022 5.5 15 14 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 3/2/2022 6 29 28 Not measurable 3/2/2022 5.5 128 28 Not measurable		-	- 11 5	-		
1/12/2022 6 12 12 Not measurable 1/19/2022 13.5 17 16 Not measurable 1/27/2022 3 9 9 Not measurable 2/2/2022 - - Not Measure unable to open the sumps 2/9/2022 9 15 15 Not measurable 2/9/2022 9 15 15 Not measurable 2/16/2022 8.5 17 16 Not measurable 2/2/2022 5.5 14 13.5 Not measurable 2/2/2022 5.5 15 14 Not measurable 2/2/2022 5.5 15 14 Not measurable 2/2/2022 5.5 15 14 Not measurable 3/9/2022 4.5 7 6 Not measurable 3/9/2022 4.5 7 6 Not measurable 3/16/2022 48 36 45 Not measurable 3/2/2022 6 29 28 Not measurable 3/30/2022 5.5 28 28 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 unable to open the sumps 2/2/2022 - - Not Measurable Measurements were not taken; the inspector was unable to open the sumps 2/9/2022 9 15 15 Not measurable 2/16/2022 8.5 17 16 Not measurable 2/2/2022 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 3/16/2022 6 29 28 Not measurable 3/30/2022 5.5 28 28 Not measurable						
1/27/2022 3 9 9 Not measurable 2/2/2022 - - Not Measurements were not taken; the inspector was 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 3/2/2022 5.5 15 14 Not measurable 3/9/2022 4.5 7 6 Not measurable 3/16/2022 4.5 7 6 Not measurable 3/16/2022 5.5 15 14 Not measurable 3/16/2022 4.5 7 6 Not measurable 3/16/2022 5.5 28 Not measurable Sumps 1,2, & 3 pumped down during inspection; less than 0.5 gal of DNAPL recovered B107/B108 sump 3/30/2022 5.5 28 28 Not measurable						Sheen visible in R000/P100 sump
2/2/2022 - - Not Measured Measurements were not taken; the inspector was unable to open the sumps 2/9/2022 9 15 15 Not measurable 2/16/2022 8.5 17 16 Not measurable 2/2/3/2022 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 3/9/2022 4.5 7 6 Not measurable 3/16/2022 48 36 45 Not measurable 3/16/2022 6 29 28 Not measurable 3/30/2022 5.5 28 28 Not measurable						Sheen visible in b033/B100 sullip
2/2/2022 - - Not Measured Not measurable 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 3/9/2022 4.5 7 6 Not measurable 3/16/2022 4.5 7 6 Not measurable 3/16/2022 4.8 36 45 Not measurable 3/2/3/2022 6 29 28 Not measurable 3/30/2022 5.5 28 28 Not measurable	1/2//2022	3	9	А	not measurable	Measurements were not to be the immediate
2/16/2022 8.5 17 16 Not measurable 2/23/2022 5.5 14 13.5 Not measurable 3/2/2022 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 4.8 36 45 Not measurable 3/23/2022 6 29 28 Not measurable 3/30/2022 5.5 28 28 Not measurable		-	- 15	- 15		
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 3/9/2022 4.5 7 6 Not measurable 3/9/2022 4.5 7 6 Not measurable 3/16/2022 48 36 45 Not measurable 3/23/2022 6 29 28 Not measurable 3/30/2022 5.5 28 28 Not measurable						
3/2/2022 5.5 15 14 Not measurable 3/9/2022 4.5 7 6 Not measurable 3/9/2022 4.5 7 6 Not measurable 3/16/2022 48 36 45 Not measurable 3/16/2022 48 36 45 Not measurable 3/23/2022 6 29 28 Not measurable 3/30/2022 5.5 28 28 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						
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						
3/16/2022 48 36 45 Not measurable 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	3/9/2022	4.5	/ /	6	Not measurable	
3/23/2022 6 29 28 Not measurable 3/30/2022 5.5 28 28 Not measurable	3/16/2022	48	36	45	Not measurable	
3/30/2022 5.5 28 28 Not measurable						and any set of provide recovered proveroo sump
	4/6/2022	3.5	19	18	Not measurable	

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

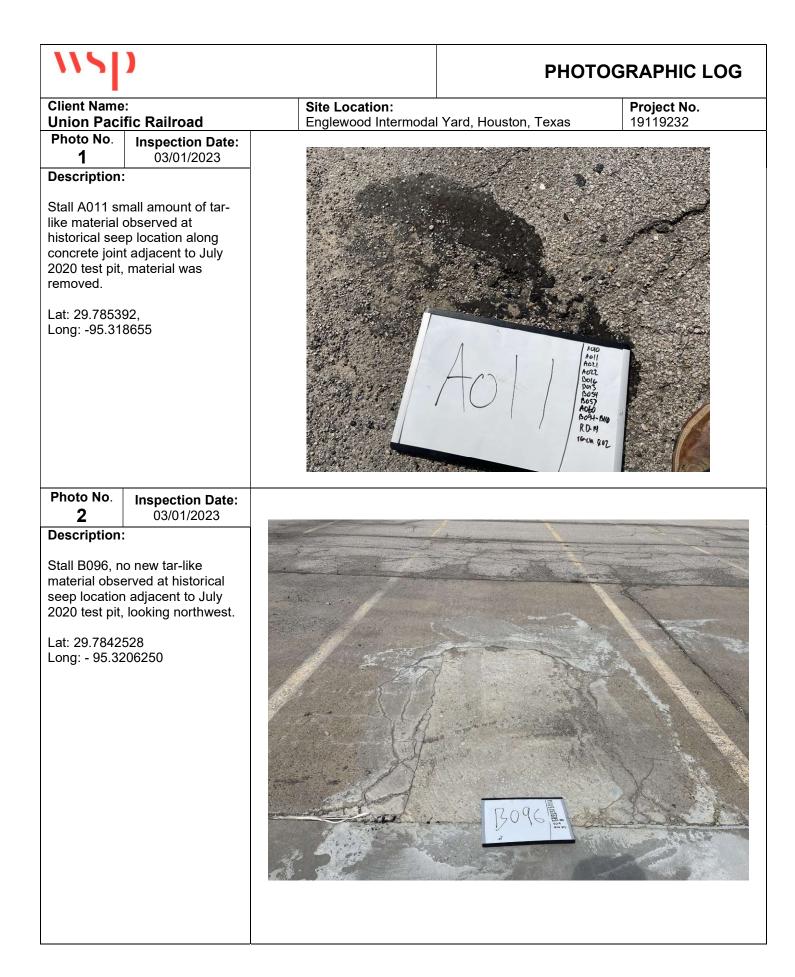
	Sump 1	Sump 2	Sump 3		
Measured	(B099/B100)	(B103/B104)	(B107/B108)	Depth to DNAPL	
Date	Freeboard (in)	Freeboard (in)	Freeboard (in)	(in)	Comments Sheen visible in B099/B100 sump
4/13/2022 4/20/2022	4.5 5	18 18	15 18	Not measurable Not measurable	Sheen visible in B099/B100 sump
4/27/2022	4.5	10	8.5	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 25	22 24	Not measurable	Sheen visible in B099/B100 and B103/104 sumps
6/15/2022 6/22/2022	4.5	23	24 21	Not measurable Not measurable	
6/29/2022	6	24	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 25.5	38	Not measurable Not measurable	Sheen visible in B107/B108 sump
8/17/2022	5.5	25.5	25	NOT THEASTLADIE	Inspector unable to open B099/B100 and B107/B108
					sumps as there was standing water on top of the sumps
8/24/2022	0	0.5	0	Not measurable	due to ongoing rain event
		0.0	-		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
					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
40/40/2022	10		10		B099/B100 sump; sheen visible in B099/B100 and
10/19/2022	48	48	48	Not measurable	B103/B104 sumps on recharge water after pumpdown
10/26/2022 11/2/2022	6	46	45 19	Not measurable Not measurable	Sheen visible in B107/B108 sump
11/9/2022	6	19	13	Not measurable	
11/16/2022	8	14	12	Not measurable	
11/22/2022	0	0	0	Not measurable	
					Very slight sheen visible in Sumps 1, 2, and 3; less than
11/30/2022	3	10	9	Not measurable	0.2 gal of DNAPL recovered from B107/108 sump
12/7/2022	4	13.5	13	Not measurable	
					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	4	8	7	Not measurable	
12/28/2022	16	14	14	Not measurable	
1/4/2023	3.5	7.5	6	Not measurable	
1/11/2023	12	12	3	Not measurable	
1/18/2023	3	13	13	Not measurable	
1/25/2023	3	6	5	Not measurable	
2/1/2023	<1	1	<1	Not measurable	
2/8/2023	5	13	12	Not measurable	
1	<1	2	2.5	Not measurable	Sumps B099/B100, B103/B104, and B107/B108 pumped down during inspection Sheen visible in B099/B100, B103/B104, and B107/B108
2/15/2023			1		sumps; water in B099/B100 noted as brown color with
2/15/2023 2/22/2023	32	42	43	Not measurable	high turbidity
2/22/2023	32				Sheen visible in B099/B100, B103/B104, and B107/B108
2/22/2023 3/1/2023		42 41 42	43 40 41	Not measurable	Sheen visible in B099/B100, B103/B104, and B107/B108 sumps, water color in sumps noted as brown
2/22/2023 3/1/2023 3/8/2023	32 9	41	40		Sheen visible in B099/B100, B103/B104, and B107/B108
2/22/2023 3/1/2023	32 9 5	41 42	40 41	Not measurable Not measurable	Sheen visible in B099/B100, B103/B104, and B107/B108 sumps, water color in sumps noted as brown B099/B100 & B103/B104 light brown color B099/B100 and B013/B104 brown color; B107/B108

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



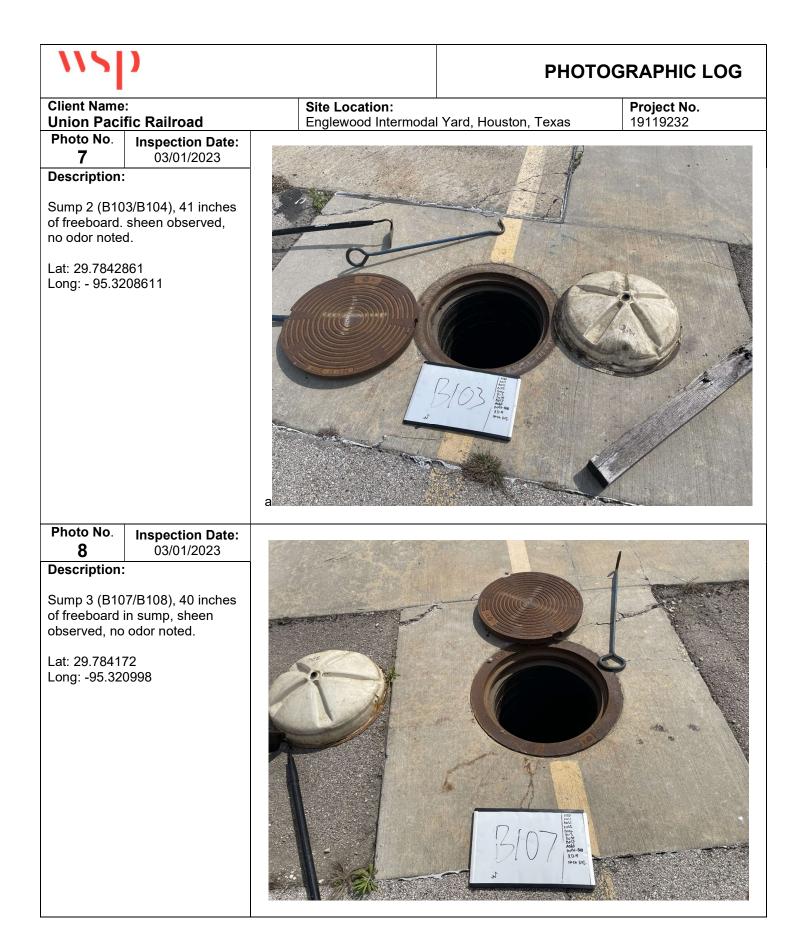
ATTACHMENT A

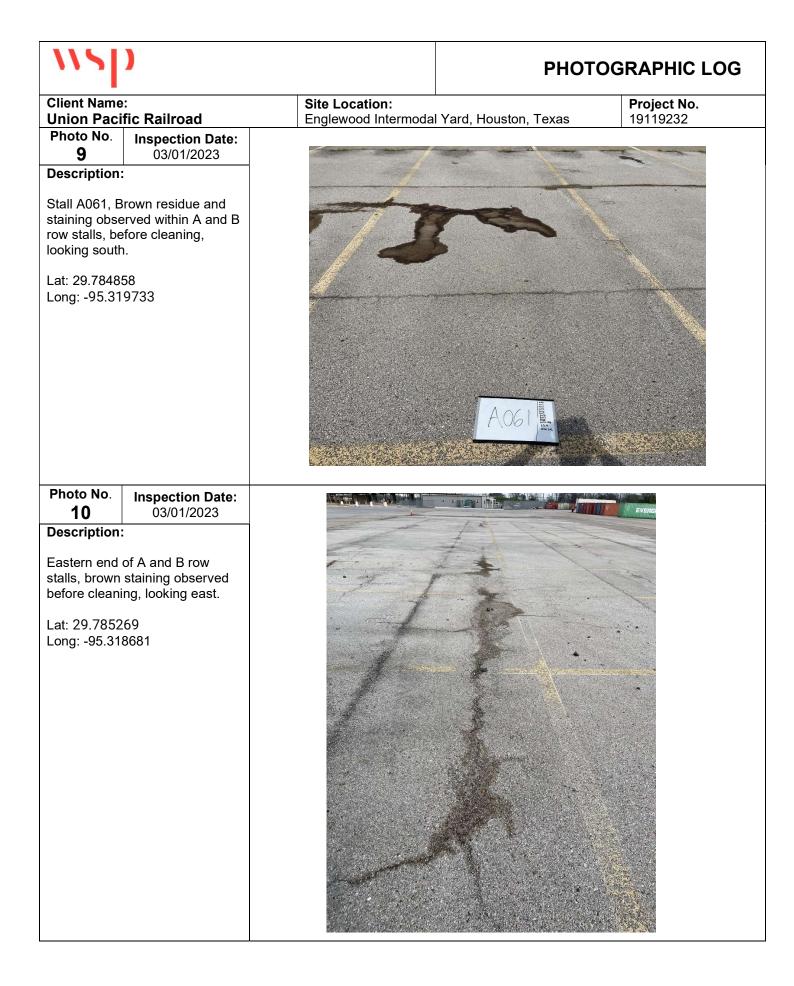
Weekly Inspection Photolog



115)		РНОТС	GRAPHIC LOC	
Client Name	e: ific Railroad	Site Location:	Site Location: Englewood Intermodal Yard, Houston, Texas		
Photo No.	Inspection Date:			19119232	
3 Description	03/01/2023				
Stalls B099-I collection sys	B100, view of NAPL stem (Sump 1 in of photo), looking 75				
Photo No.	Inspection Date:		Bog The		
4 Description	03/01/2023				
Stalls B107 of collection system background tar-like mater seep location along the source excavated an northwest.	view of NAPL stem (Sump 3 in of photo), no new rial observed at n on concrete joint uthern edge of the rea, looking				
_ong: -95.32	20953		BIOR BAR		

115)		РНОТС	OGRAPHIC LOG
	: fic Railroad	Site Location: Englewood Intermoda	l Yard, Houston, Texas	Project No. 19119232
tar-like mater seep locatior	Track 802, no new rial observed at n near the edge of poking southeast. 47			
of freeboard observed, no	9/B100), 9 inches in sump, sheen odor noted, no new julation on inflow		i i i i i i i i i i i i i i i i i i i	





visp			РНОТОС	BRAPHIC LOG
Client Name:		Site Location:		Project No.
Union Pacif	ic Railroad	Englewood Intermod	al Yard, Houston, Texas	19119232
Photo No.	Inspection Date:			
11 Description:	03/08/2023		and the second s	2
tar-like materia historical seep	location, looking terial was removed. 2,			
tar-like materia seep location like material s			Address	

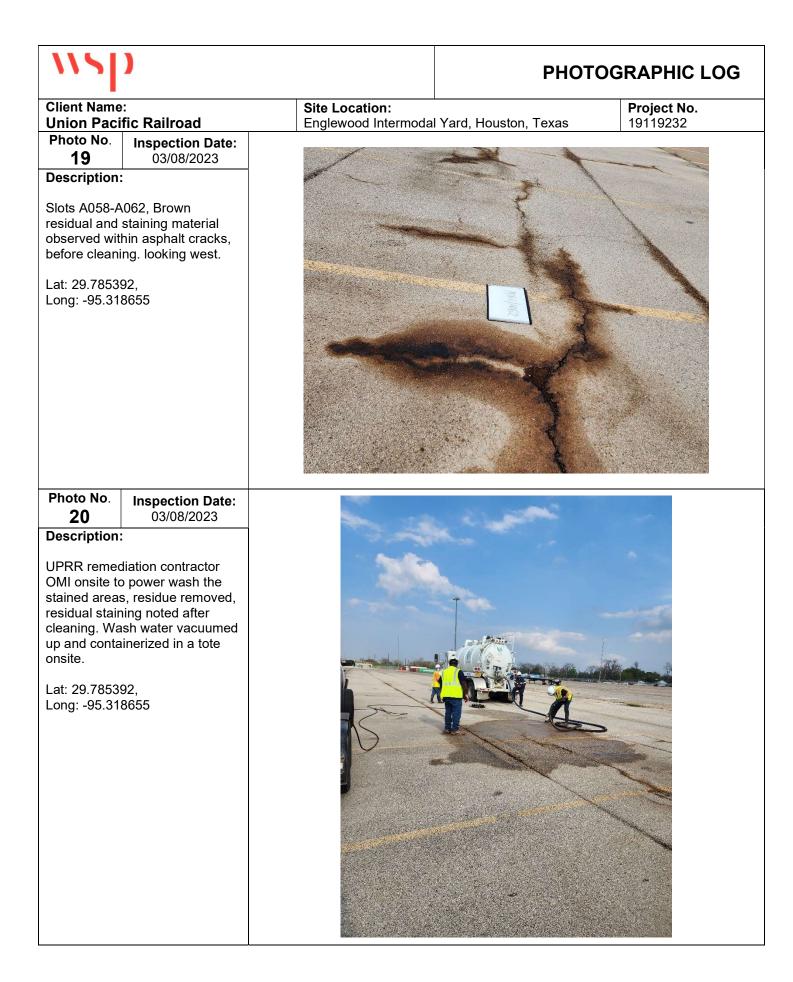
wsp

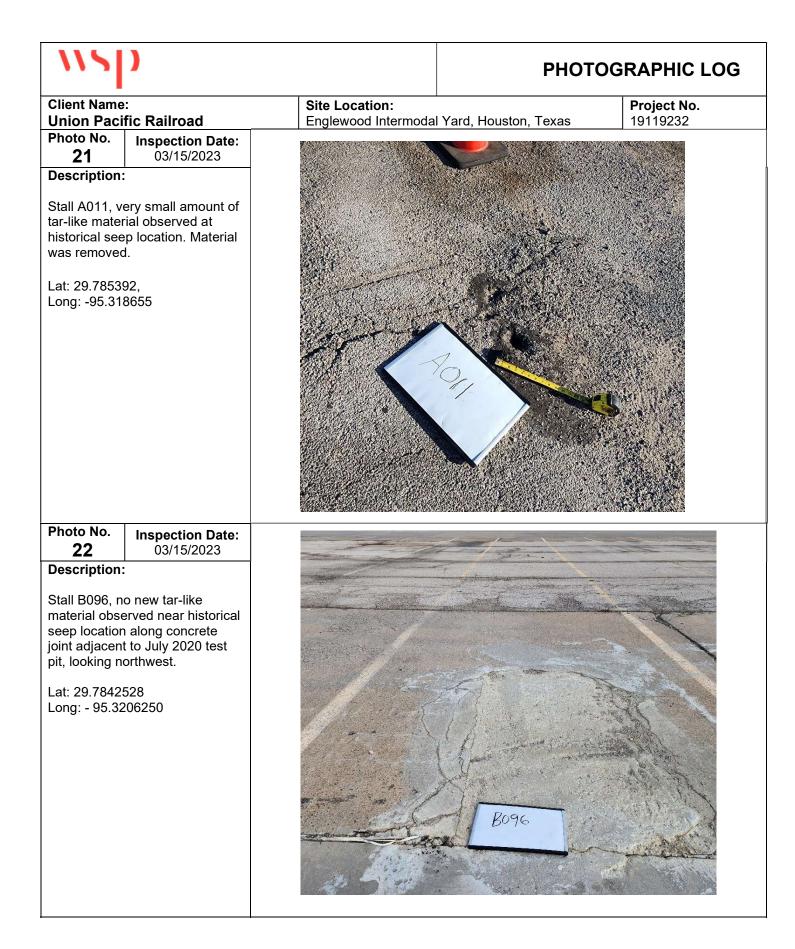
PHOTOGRAPHIC LOG

Client Name:		Site Location:		Project No.
Union Pacif	c Railroad	Englewood Intermoda	al Yard, Houston, Texas	19119232
Photo No. 13 Description:	Inspection Date: 03/08/2023 ry small amount of		BO	and Prove way
tar-like materia	al observed near location along adjacent to July material was 28			
Photo No. 14	Inspection Date: 03/08/2023	atta atta		Ŧ
like material o concrete joint,	nall amount of tar- bserved within residual staining on ice noted, looking			
Lat: 29.78422 Long: - 95.320			B102	

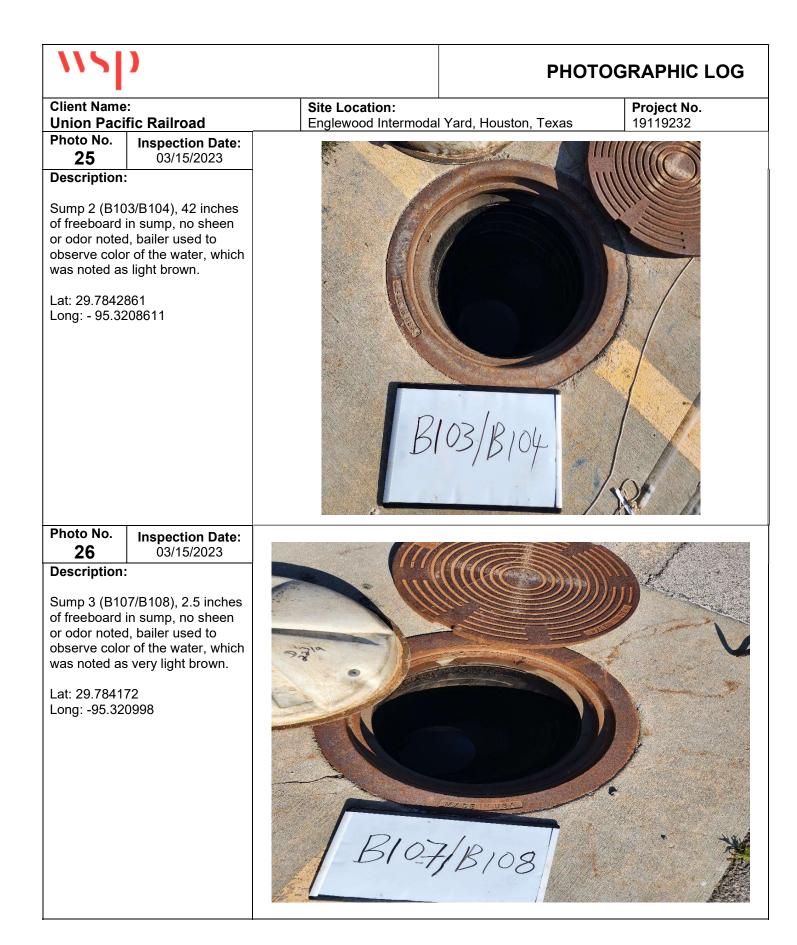
115)		РНОТ	OGRAPHIC LOG
Client Name: Union Pacif	ic Railroad	Site Location: Englewood Intermod	al Yard, Houston, Texas	Project No. 19119232
Photo No. 15	Inspection Date: 03/08/2023	· •		
tar-like materia historical seep			Bose	
Photo No. 16	Inspection Date: 03/08/2023			
Description: Sump 1 (B099 freeboard in s odor noted, no accumulation bailer used to	9/B100), 5 inches of ump, no sheen or o new NAPL on inflow protector. observe watercolor, ted as light brown.		e e e e e e e e e e e e e e e e e e e	and book

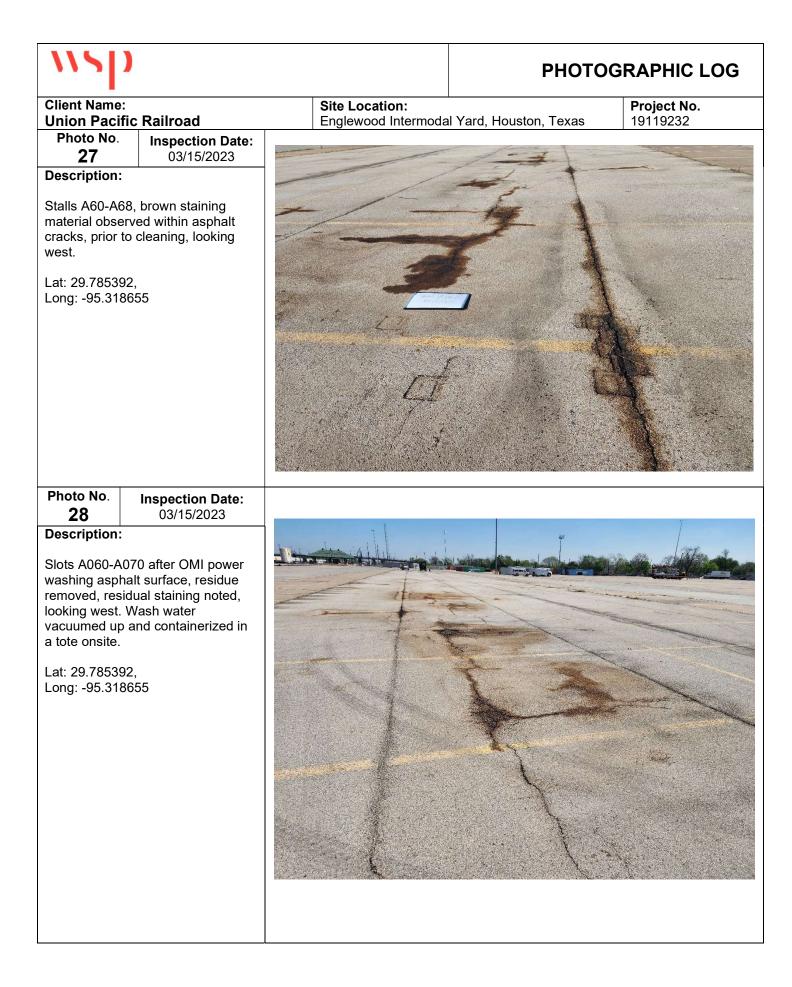
115)		РНОТС	OGRAPHIC LOG
Client Name Union Paci	: fic Railroad	Site Location: Englewood Intermoda	l Yard, Houston, Texas	Project No. 19119232
odor noted. E	03/B104), 42 eboard. No sheen or Bailer used to r of the water, which s light brown. 861			
inches of free odor noted. b	07/B108) with 41 eboard, no sheen or pailer used to r of the water, which s clear. 72			





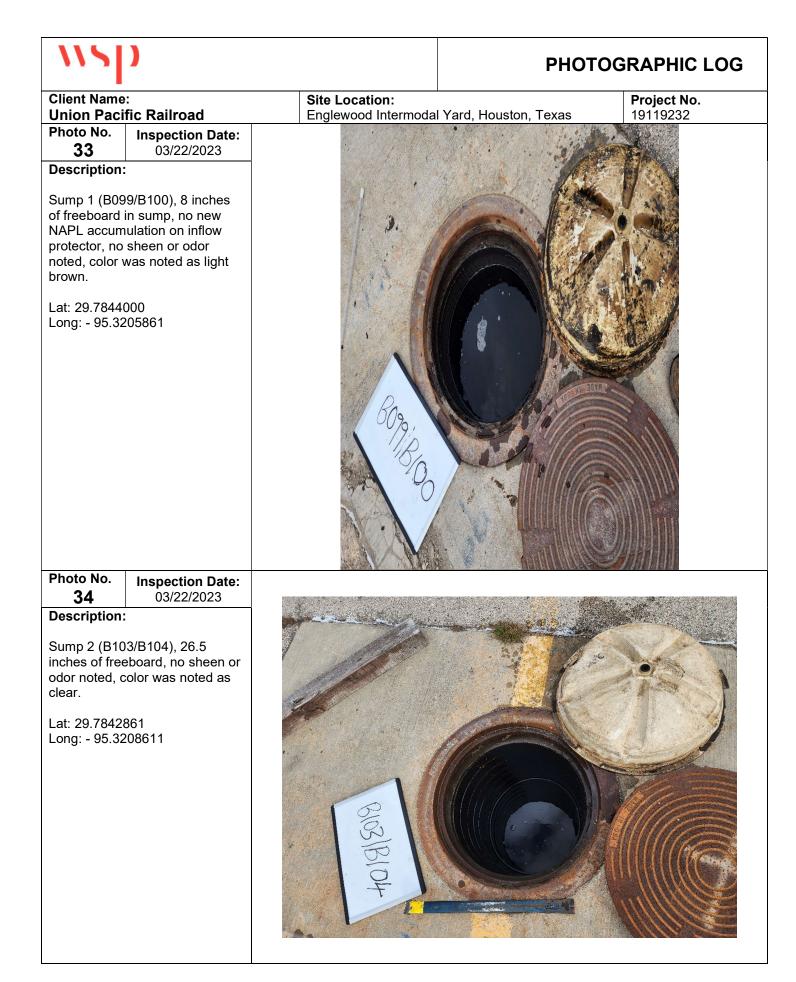
115)		РНОТС	OGRAPHIC LOG
Client Name	: fic Railroad	Site Location:	I Yard, Houston, Texas	Project No. 19119232
Photo No. 23	Inspection Date: 03/15/2023		Trana, Headeni, Texae	
Description: Stall B101 joi amount of tar observed at h	int, very small r-like material historical seep g asphalt crack. removed. 203		All	
of freeboard or odor notec accumulation protector, ba	09/B100), 4 inches in sump, no sheen d, no new NAPL n on the inflow iler used to observe vater, which was wn.			



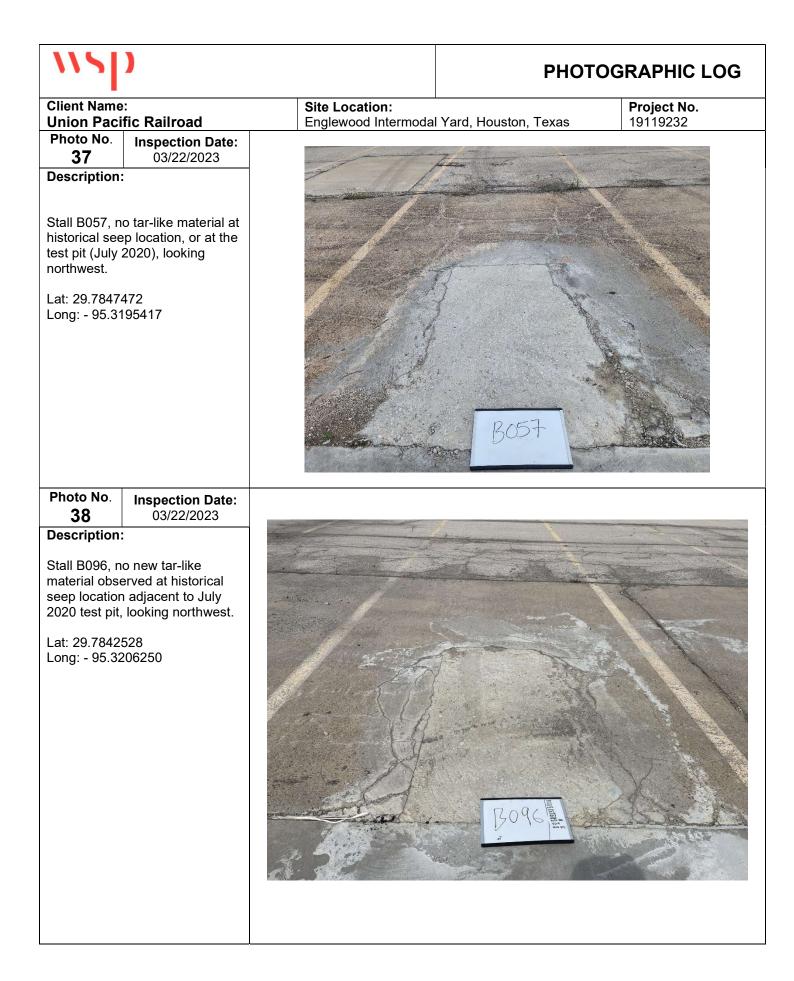


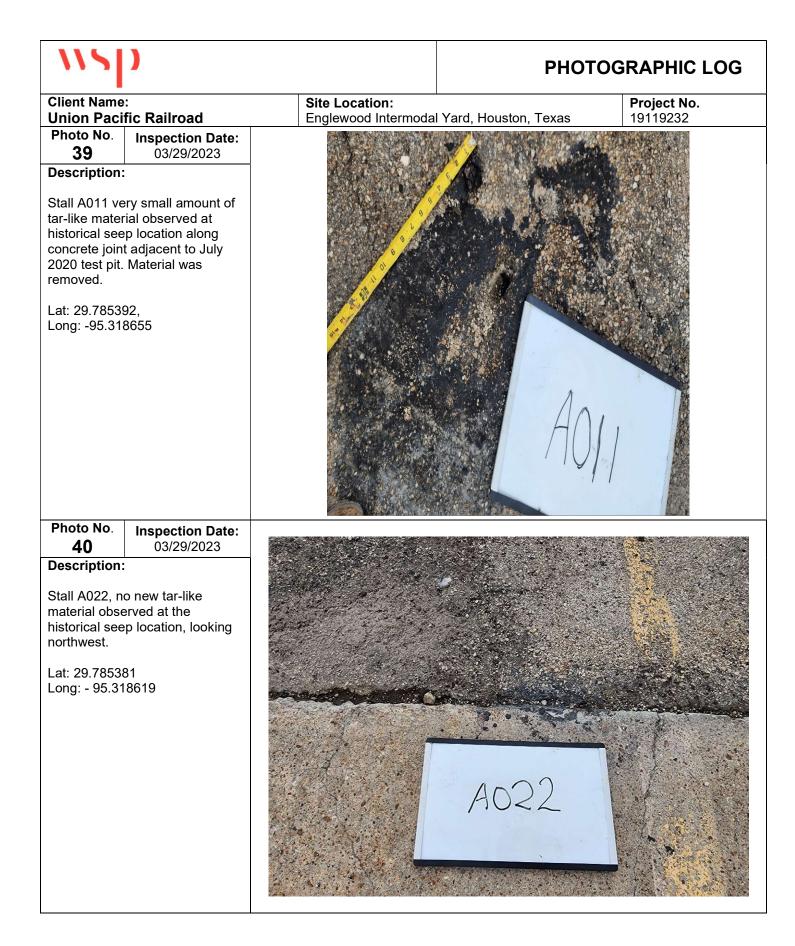
NSD			PHOTOGRAPHIC LOG		
Client Name: Union Pacific Railroad		Site Location: Englewood Intermodal Yard, Houston, Texa		Project No. as 19119232	
Photo No. 29 Description: Stall A022, s like material seep location like material	Inspection Date: 03/15/2023 mall amount of tar- observed at the along the edge tar- seeps observed, west. Material was	Englewood Intermodal	Yard, Houston, Texas		
Photo No. 30Inspection Date: 03/15/2023Description:Seep location observed within the concrete road area (RD-14) north of Track 802 (East of existing Track 802 seep location), very small amount of tar-like material observed along a concrete joint. Material was removed.Lat: 29.78505 Long: -95.32124		 A second sec second second sec	14		

115)		РНОТО	GRAPHIC LOG	
Client Name: Union Pacific Railroad		Site Location: Englewood Intermodal	Yard, Houston, Texas	Project No. (as 19119232	
material at hi	A011, no tar-like istorical seep it the test pit (July ig southeast. 92,				
collection sys background tar-like mater seep location	B108, view of NAPL stem (Sump 3 in of photo), no new rial observed at n on concrete joint uthern edge of the rea, looking		Blog-		









115)	РНОТ	PHOTOGRAPHIC LOG	
Client Name: Union Pacific Railroad		Site Location: Englewood Intermodal Yard, Houston, Texas	Project No. 19119232	
Photo No. 41	Inspection Date: 03/29/2023			
Description	:			
amount of ta observed ne	int, very small r-like material ar historical seep g asphalt crack.			
_at: 29.7842 _ong: - 95.				
		BIOO/BIOI Joint		
Photo No. 42	Inspection Date: 03/29/2023		Material	
Description	:			
Sump 1 (B099/B100), 3 inches of freeboard in sump, no new NAPL accumulation on inflow protector, no sheen or odor noted, color was noted as light brown.				
Lat: 29.7844 Long: - 95.32				

