



November 15, 2023

Project No. 31406585.016

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), on behalf of Union Pacific Railroad Company (UPRR), is pleased to provide this monthly status update for October 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 September 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 0 inches from tops of the manhole, respectively, during the inspection on October 4, 2023 (Photo No.11-13). During the October 11, 2023 inspection, Sump 1, Sump 2, and Sump 3 were measured at 0 inches at the top of the manhole due to heavy rainfall (Photo No. 25-27). The area around the Sump 1 manhole is slightly depressed allowing stormwater to collect over the manhole. On October 13, 2023, environmental remediation contractor, OMI, pumped down all three sumps (Photo No. 29) and transported the profiled water to Delta Water Processing in Houston, Tx for disposal. Final shipping documents from the event are included in Attachment B. Sump 1 had 46 inches of freeboard measured on October 18, 2023, and 39 inches measured on October 25, 2023 (Photo No. 42 and 56). During the October 18, 2023 inspection, Sumps 2 and 3 had 48 inches and 47 inches of freeboard measured, respectively. By the October 25, 2023 inspection, the water levels in Sumps 2 and 3 were 44 and 43 inches from the top of manhole (Photos 43-44 and 57-58). During the October 2023 inspections, the water in Sump 1 was observed to be brown, light

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brown, or dark brown in color and the water in Sumps 2 was observed to be clear and light brown during October 4th, 11th, 18th and 25th inspections. The water in Sump 3 was clear and light brown during October 4th, 11th, 18th, and 25th inspections. Sheen was observed in Sump 1 during the October 18th and 25th inspections (Photo Nos. 42 & 56), in Sump 2 during the October 11th inspection (Photo No.26) and in Sump 3 during 18th and 25th inspections (Photo Nos. 44 & 58). No odors were reported during the October inspections.

- The NAPL Collection System 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 October 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 October 2023 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). The inflow protector was monitored for NAPL accumulation, and no accumulation was observed through October 2023.
- No new tar-like material seeps were observed along the concrete joint between the NAPL Collection System and the existing concrete at Stall B107 during the October 2023 inspections.
- 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 October 2023 weekly inspections. The tar-like material was recovered from these locations when observed:

Seep Observations Outside the NAPL Collection System Area	
Stall Number	Observation Date(s)
A011	October 4 th , 11 th , 18 th , and 25 th (Photo Nos.1, 16, 32, & 47)
A022	October 4 th (Photo No.3)
B057	October 18 th (Photo No.36)
B100	October 4 th , 11 th , 18 th , and 25 th (Photo Nos. 9, 28, 37, & 52)
B102	October 4 th , 11 th , 18 th , and 25 th (Photo Nos.10, 17, 30, 38, & 53)
Track 802	October 4 th , 11 th , 18 th and 25 th (Photo Nos.14,18, 46 & 60)
RD-14	October 4 th , 11 th , 18 th , and 25 th (Photo No.20, 45, & 59)

Note: Seep observed next to Track 802 is approximately 280 feet northwest of the NAPL Collection System. Seep RD-14 is located within the concrete road area (RD-14) about 45 feet north of Track 802 and east of the existing Track 802 seep location.

- 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, and total volume of material recovered during the month of October was slightly more than during the September inspections. Less than 1.0

gallon of tar-like material was recovered for the month from the seep locations. The material recovered was placed in a drum staged at the CSA for disposal.

- Since the pressure washing event on August 18, 2023, no new brown staining/residue or seep water was observed during the October 2023 weekly inspections (Photo Nos. 31 & 39). UPRR will continue to have a remediation contractor pressure wash and/or collect the water in the areas where the brown staining and seeps are observed.
- 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 continued 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 test pit patch location during the October 4th, 11th, 18th, and 25th inspections (Photo Nos. 7, 15, 40 & 54). Through October 25, 2023, no NAPL seeps have been observed at the six other test pit locations (stalls A010, A021, A098, B013, B057 and B108). The seep observed in stall B057 (Photo 36) during the October inspections was observed coming from cracks in the asphalt pavement and not at the test pit location.
- 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 submitted the requested Work Plan dated May 17, 2023 to the TCEQ on May 24, 2023. The TCEQ issued a comment letter dated July 5, 2023 on the Work Plan. UPRR submitted responses to the TCEQ comments and a Revised Work Plan on October 20, 2023.

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.



Michelle Hermiston
Lead Consultant



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

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
Attachment B – Waste Shipping Documentation

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
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
10/24/2019	3	35	25	Not measurable	Less than 0.1 gal of DNAPL recovered from B107/B108 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	
11/13/2019	7	30	29	Not measurable	Less than 0.1 gal of DNAPL recovered from B107/B108 Sump
11/19/2019	4	26	25.5	Not measurable	
11/27/2019	0	25	23	Not measurable	
12/3/2019	2	25.5	25	Not measurable	Less than 0.1 gal of DNAPL recovered from B107/B108 Sump
12/11/2019	1.5	17	16.54	Not measurable	Less than 0.1 gal of DNAPL recovered from B107/B108 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	
5/4/2020	-	-	-	Not Measured	Measurements were not taken; the inspector was 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
7/15/2020	32	29.5	29	Not measurable	Sheen visible in B99/B100 sump & B107/B108 sump, less than 0.1 gal of DNAPL recovered B107/B108 sump
7/23/2020	0	23	22.5	Not measured	Less than 0.1 gal of DNAPL recovered from B107/B108 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	
9/2/2020	43	37	38	Not measurable	Sumps 1, 2, & 3 pumped down (September 1); Sheen 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	
9/30/2020	1	10	9	Not measurable	

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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
10/8/2020	4	12	11.5	Not measurable	
10/15/2020	0	11	10.5	Not measurable	Less than 0.1 gal of DNAPL recovered B107/B108 sump
10/21/2020	1	10.5	9.25	Not measurable	
10/28/2020	0	11	10	Not measurable	
11/4/2020	9	13	12	Not measurable	
11/11/2020	0.5	12	11	Not measurable	
11/18/2020	3.5	13	12	Not measurable	
11/24/2020	7	14	13.5	Not measurable	
11/30/2020	2	7	6	Not measurable	
12/10/2020	5	10.5	10	Not measurable	
12/18/2020	4	10	9	Not measurable	
12/23/2020	1	9	7.5	Not measurable	
12/31/2020	0	4	3.5	Not measurable	
1/6/2021	4	10.5	9	Not measurable	
1/15/2021	43	39	37.5	Not measurable	Sumps 1, 2, & 3 pumped down
1/22/2021	0	34	33	Not measurable	Sheen visible in B107/B108 sump
1/29/2021	2	31	30	Not measurable	Sheen visible in B107/B108 sump
2/4/2021	4	30	29.5	Not measurable	Sheen visible in B099/B100 sump
2/10/2021	0	27	25.5	Not measurable	
2/17/2021	0	0	0	Not measurable	
2/24/2021	2	10	9.5	Not measurable	
3/2/2021	0	0	0	Not measurable	
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	
3/31/2021	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 sump; 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	
5/12/2021	0	8	7.5	Not measurable	
5/19/2021	0	0	0	Not measurable	
5/26/2021	0	2	0.5	Not measurable	
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	28.5	Not measurable	
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	Sumps 1, 2, & 3 pumped down (July 15)
7/21/2021	0	39	37	Not measurable	
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 Measured	Depth to DNAPL measurements were not taken; the interface probe was not functioning properly
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	
9/15/2021	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	
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 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	
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	
12/22/2021	-	-	-	Not Measured	Partial site inspection conducted 12/22/21; Sump measurements were not taken
12/29/2021	0	11.5	11	Not measurable	
1/5/2022	8.75	13.5	12.25	Not measurable	
1/12/2022	6	12	12	Not measurable	
1/19/2022	13.5	17	16	Not measurable	Sheen visible in B099/B100 sump

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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
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	
2/23/2022	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	
5/4/2022	48	42	45	Not measurable	Sumps 1,2, & 3 pumped down during inspection; Sheen visible in B099/B100 sump
5/11/2022	16	44.5	44	Not measurable	Sheen visible in B099/B100, B103/104, and B107/B108 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
7/20/2022	51.5	38	43.5	Not measurable	Sumps 1,2, & 3 pumped down during inspection; less 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
8/31/2022	52	52	48	Not measurable	Sumps 1,2, & 3 pumped down during inspection; sheen 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	
12/14/2022	0	0	0	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 recovered from B107/B108 sump
12/21/2022	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	

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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
2/15/2023	<1	2	2.5	Not measurable	Sumps B099/B100, B103/B104, and B107/B108 pumped down during inspection
2/22/2023	32	42	43	Not measurable	Sheen visible in B099/B100, B103/B104, and B107/B108 sumps; water in B099/B100 noted as brown color with high turbidity
3/1/2023	9	41	40	Not measurable	Sheen visible in B099/B100, B103/B104, and B107/B108 sumps, water color in sumps noted as brown
3/8/2023	5	42	41	Not measurable	B099/B100 & B103/B104 light brown color
3/15/2023	4	42	41	Not measurable	B099/B100 and B013/B104 brown color; B107/B108 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
4/19/2023	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.
5/31/2023	28	50	49	Not measurable	B099/B100 water color brown. B103/B104 and B107/B108 water color light brown.
6/7/2023	3	38	37	Not measurable	Sheen visible in all Sumps. B099/B0100 water color brown and, light brown on both B103/B104 and B107/B108.
6/14/2023	4	38	37	Not measurable	Sheen Visible in B099/B100 & B107/B108. water color brown on B099/B100 & light brown in all other sumps.
6/21/2023	3	36	37	Not measurable	Sheen Visible in B107/B108. water color brown on B099/B100 & light brown in all other sumps.
6/28/2023	3	31	31	Not measurable	Sheen Visible in B099/B100 & B107/B108. water color dark brown on B099/B100 & B107/B108, light brown in B103/B104.
7/12/2023	3	20	19	Not measurable	Sheen Visible in B099/B100 and B107/B108. Water color brown on B099/B100, light brown in B103/B104.
7/19/2023	3	19	19	Not measurable	Sheen Visible on B099/B100 and B107/B108. Water color brown on B099/B100 and clear on B103/B104 and B107/B108.
7/26/2023	3	21	20	Not measurable	Sheen Visible on B099/B100 and B107/B108. Water color brown on B099/B100, light brown on B103/B104, and clear on B107/B108.
8/2/2023	0	16.5	15.5	Not measurable	Sheen Visible on B107/B108. Water color dark brown on B099/B100, light brown on B103/B104, and clear on B107/B108.
8/9/2023	42	47	47	Not measurable	Sheen Visible on B099/B100 and B107/B108. Water color brown on B099/B100, light brown on B103/B104, and clear on B107/B108.
8/16/2023	38.5	47	47	Not measurable	Sheen Visible on B099/B100 and B107/B108. Water color brown on B099/B100 and light brown on B103/B104 and B107/B108.
8/23/2023	33	46	46	Not measurable	Sheen visible in all Sumps. B099/B100 water color dark brown and, light brown on both B103/B104 and B107/B108.
8/30/2023	33	46	44	Not measurable	Sheen visible in all Sumps. B099/B100 water color dark brown and, light brown on both B103/B104 and B107/B108.
9/6/2023	1	38	38	Not measurable	Sheen visible in all Sumps. B099/B100 water color light brown, and clear on both B103/B104 and B107/B108.
9/13/2023	0	33	33	Not measurable	Sheen Visible on B099/B100 and B107/B108. Water color brown on B099/B100 and clear on B103/B104 and B107/B108.
9/20/2023	14	41	40	Not measurable	Sheen Visible on B099/B100 and B107/B108. Water color brown on B099/B100 and light brown on B103/B104 and B107/B108.
9/27/2023	0.5	33	34	Not measurable	Sheen Visible on B099/B100 and B107/B108. Water color light brown on B099/B100 and clear on B103/B104 and B107/B108.
10/4/2023	0	0	0	Not measurable	No sheen visible in all sumps. Water color brown on B099/B100 and light brown on B103/B104 and B107/B108. Heavy rains all week filled up sumps.

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
10/11/2023	0	0	0	Not measurable	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.
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.

Note:

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



ATTACHMENT A

Weekly Inspection Photolog



PHOTOGRAPHIC LOG

Client Name:

Union Pacific Railroad

Site Location:

Englewood Intermodal Yard, Houston, Texas

Project No.

31406585.016

Photo No.

1

Inspection Date:

10/4/2023

Description:

Stall A011 tar-like material observed at historical seep location along asphalt crack, material was removed.

Lat: 29.785467

Long: -95.318341



Photo No.

2

Inspection Date:

10/4/2023

Description:

RD-14 Seep location observed within the concrete road area 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. Area is wet

Lat: 29.784858

Long: -95.319733





PHOTOGRAPHIC LOG

Client Name:

Union Pacific Railroad

Site Location:

Englewood Intermodal Yard, Houston, Texas

Project No.

31406585.016

Photo No.

3

Inspection Date:

10/4/2023

Description:

Stall A022. Some tar-like material observed at historical seep location along asphalt crack, material was removed. Area is wet from rain.

Lat: 29.785378

Long: -95.318694

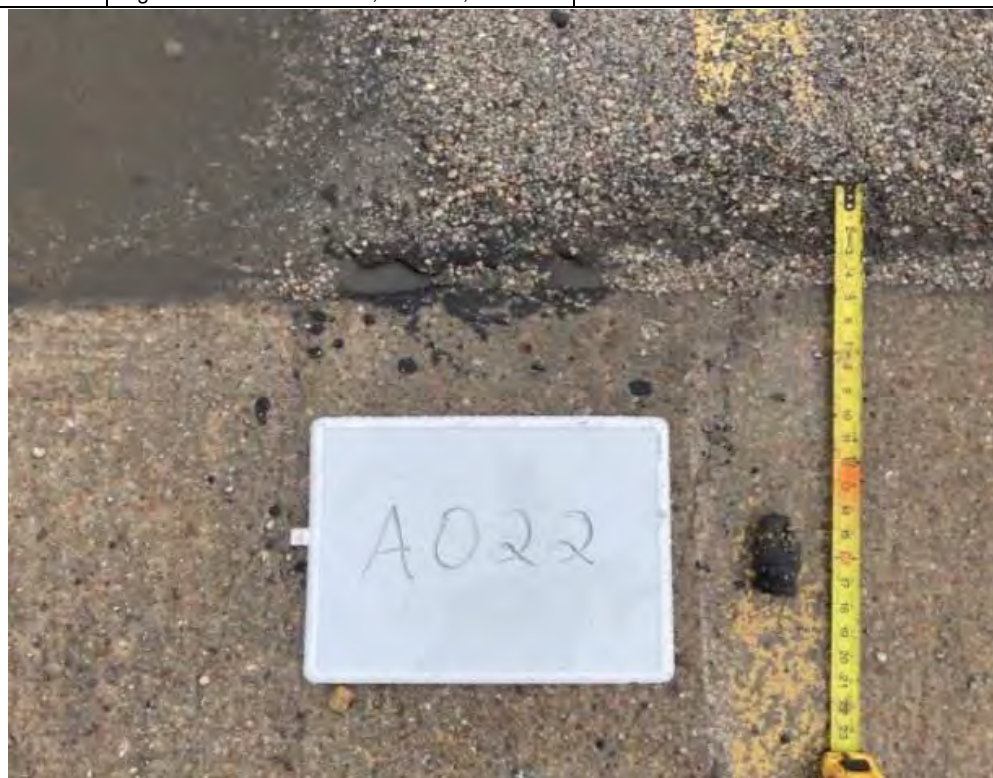


Photo No.

4

Inspection Date:

10/4/2023

Description:

Stall B042. No tar-like material observed at historical seep location along asphalt crack.

Lat: 29.784923

Long: -95.319124





PHOTOGRAPHIC LOG

Client Name:

Union Pacific Railroad

Site Location:

Englewood Intermodal Yard, Houston, Texas

Project No.

31406585.016

Photo No.

5

Inspection Date:

10/4/2023

Description:

Stall B056. No tar-like material observed at historical seep location along asphalt crack.

Lat: 29.784751

Long: -95.319532



Photo No.

6

Inspection Date:

10/4/2023

Description:

Stall B057. No tar-like material observed at historical seep location along asphalt crack.

Lat: 29.784747

Long: -95.319549





PHOTOGRAPHIC LOG

Client Name:

Union Pacific Railroad

Site Location:

Englewood Intermodal Yard, Houston, Texas

Project No.

31406585.016

Photo No.

7

Inspection Date:

10/4/2023

Description:

Stall B096, some tar-like material observed and removed.

Lat: 29.78417

Long: - 95.32091



Photo No.

8

Inspection Date:

10/4/2023

Description:

Stall B107, no new tar-like material observed at seep location on concrete joint along the southern edge of the excavated area.

Lat: 29.784137

Long: -95.32096





PHOTOGRAPHIC LOG

Client Name:

Union Pacific Railroad

Site Location:

Englewood Intermodal Yard, Houston, Texas

Project No.

31406585.016

Photo No.

9

Inspection Date:

10/4/2023

Description:

Stall B100, some tar-like material observed near historical seep location along asphalt crack, material removed.

Lat: 29.7844000

Long: - 95.3205861



Photo No.

10

Inspection Date:

10/4/2023

Description:

Stall B102 (joint), tar-like material observed and removed.

Lat: 29.784233

Long: -95.320847





PHOTOGRAPHIC LOG

Client Name:

Union Pacific Railroad

Site Location:

Englewood Intermodal Yard, Houston, Texas

Project No.

31406585.016

Photo No.

11

Inspection Date:

10/4/2023

Description:

Sump 1 (B099/B100), 0 inch of freeboard in sump, no sheen observed, no odor noted, no NAPL accumulation on inflow protector, color noted as brown.

Water observed is from recent rain events.

Lat: 29.7844000

Long: - 95.3205861



Photo No.

12

Inspection Date:

10/4/2023

Description:

Sump 2 (B103/B104), 0 inches of freeboard, no sheen observed, no odor noted, color noted as light brown.

Water observed is from recent rain events.

Lat: 29.7842861

Long: - 95.3208611





PHOTOGRAPHIC LOG

Client Name:

Union Pacific Railroad

Site Location:

Englewood Intermodal Yard, Houston, Texas

Project No.

31406585.016

Photo No.

13

Inspection Date:

10/4/2023

Description:

Sump 3 (B107/B108), 0 inches of freeboard in sump, no sheen observed, no odor noted, color noted as light brown.

Water observed is from recent rain events.

Lat: 29.784172

Long: -95.320998



Photo No.

14

Inspection Date:

10/4/2023

Description:

North side of Track 802, a small amount of tar-like material observed at seep location near the edge of the ballast, material removed. Area wet from recent rain event.

Lat: 29.784895

Long: -95.321327





PHOTOGRAPHIC LOG

Client Name:
Union Pacific Railroad

Site Location:
Englewood Intermodal Yard, Houston, Texas

Project No.
31406585.016

Photo No.
15

Inspection Date:
10/13/2023

Description:

Stall B096, some tar-like material observed at historical seep location along concrete joint, material was removed.

Lat: 29.7842528

Long: -95.3206250



Photo No.
16

Inspection Date:
10/11/2023

Description:

Stall A011 some tar-like material observed at historical seep location along asphalt crack, material was removed. View looking southeast.

Lat: 29.785392,

Long: -95.318655





PHOTOGRAPHIC LOG

Client Name: Union Pacific Railroad		Site Location: Englewood Intermodal Yard, Houston, Texas	Project No. 31406585.016
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Photo No. 17	Inspection Date: 10/11/2023
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Description:

Stall 102 (joint) tar-like material observed at historical seep site along concrete joint, tar-like material was removed.

Lat: 29.7842203

Long: - 95.320827



Photo No. 18	Inspection Date: 10/11/2023
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Description:

North side of Track 802, a small amount of tar-like material observed at seep location near the edge of the ballast, material removed. Area wet from recent rain event.

Lat: 29.784947

Long: - 95.321214





PHOTOGRAPHIC LOG

Client Name: Union Pacific Railroad		Site Location: Englewood Intermodal Yard, Houston, Texas	Project No. 31406585.016
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Photo No.	Inspection Date:	
19	10/11/2023	
Description: Stalls B107, no new tar-like material observed at seep location on concrete joint along the southern edge of the excavated area. Lat: 29.784156 Long: -95.320953		

Photo No.	Inspection Date:	
20	10/11/2023	
Description: RD-14 Seep location observed within the concrete road area 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. Area wet Lat: 29.785064 Long: -95.321219		



PHOTOGRAPHIC LOG

Client Name:

Union Pacific Railroad

Site Location:

Englewood Intermodal Yard, Houston, Texas

Project No.

31406585.016

Photo No.

21

Inspection Date:

10/11/2023

Description:

Stall B042. No tar-like material observed at historical seep location along asphalt crack.

Lat: 29.784926

Long: - 95.319124



Photo No.

22

Inspection Date:

10/11/2023

Description:

Stall B056. No tar-like material observed at historical seep location along asphalt crack.

Lat: 29.7847472

Long: -95.3195417





PHOTOGRAPHIC LOG

Client Name: Union Pacific Railroad	Site Location: Englewood Intermodal Yard, Houston, Texas	Project No. 31406585.016
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Photo No. 23	Inspection Date: 10/11/2023	
Description: Stall B105. No tar-like material observed at historical seep location along asphalt crack. Lat: 29.784236 Long: -95.320939		

Photo No. 24	Inspection Date: 10/11/2023
Description: Stall B057. No tar-like material observed at historical seep location along asphalt crack. Lat: 29.784747 Long: -95.319549	

A photograph of an asphalt road surface. A yellow painted line runs diagonally from the bottom left towards the top center. The asphalt is heavily cracked, with several large, irregular cracks branching out from the yellow line. A small, rectangular white tag is placed on the pavement to the right of the yellow line, near the center of the image. The overall scene appears to be a close-up of a road surface during an inspection.



PHOTOGRAPHIC LOG

Client Name:

Union Pacific Railroad

Site Location:

Englewood Intermodal Yard, Houston, Texas

Project No.

31406585.016

Photo No.

25

Inspection Date:

10/11/2023

Description:

Sump 1 (B099/B100), 0 inches of freeboard in sump, no odor noted, no sheen observed, no NAPL accumulation on inflow protector, water color noted as light brown.

Water observed is from recent rain events.

Lat: 29.7844000

Long: - 95.3205861



Photo No.

26

Inspection Date:

10/11/2023

Description:

Sump 2 (B103/B104), 0 inches of freeboard before pumping. No odor noted, color noted as clear, sheen observed.

Water observed is from recent rain events.

Lat: 29.7842861

Long: - 95.3208611





PHOTOGRAPHIC LOG

Client Name:

Union Pacific Railroad

Site Location:

Englewood Intermodal Yard, Houston, Texas

Project No.

31406585.016

Photo No.

27

Inspection Date:

10/11/2023

Description:

Sump 3 (B107/B108), 0 inches of freeboard in sump, no odor noted, no sheen observed, no NAPL accumulation on inflow protector, water color noted as clear.

Water observed is from recent rain events.

Lat: 29.7844000

Long: - 95.3205861



Photo No.

28

Inspection Date:

10/11/2023

Description:

Stall B100, a small amount of new tar-like material observed and removed at seep location on concrete crack/hole in concrete.

Lat: 29.7842528

Long: - 95.3206250





PHOTOGRAPHIC LOG

Client Name:

Union Pacific Railroad

Site Location:

Englewood Intermodal Yard, Houston, Texas

Project No.

31406585.016

Photo No.

29

Inspection Date:

10/11/2023

Description:

UPRR's environmental contractor pumping down and removing excess water from sump systems.

Lat: 29.7844000

Long: - 95.3205861



Photo No.

30

Inspection Date:

10/11/2023

Description:

Stall B102 (center), no tar-like material observed at seep location along cracks in pavement. Area wet from recent rain event.

Lat: 29.7842203

Long: - 95.320827





PHOTOGRAPHIC LOG

Client Name: Union Pacific Railroad		Site Location: Englewood Intermodal Yard, Houston, Texas	Project No. 31406585.016
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Photo No.	Inspection Date:	
31	10/13/2023	
Description: Stalls A060 - A065. No residual staining observed along cracks in asphalt. Concrete is wet from rain. Lat: 29.784858 Long: -95.319733		

Photo No.	Inspection Date:	
32	10/18/2023	
Description: Stall A011 some tar-like material observed at historical seep location along asphalt crack, material was removed. Lat: 29.7842528 Long: - 95.3206250		



PHOTOGRAPHIC LOG

Client Name:

Union Pacific Railroad

Site Location:

Englewood Intermodal Yard, Houston, Texas

Project No.

31406585.016

Photo No.

33

Inspection Date:

10/18/2023

Description:

Stall A022, no tar-like material observed at the seep location along the edge.

Lat: 29.785381

Long: - 95.318619

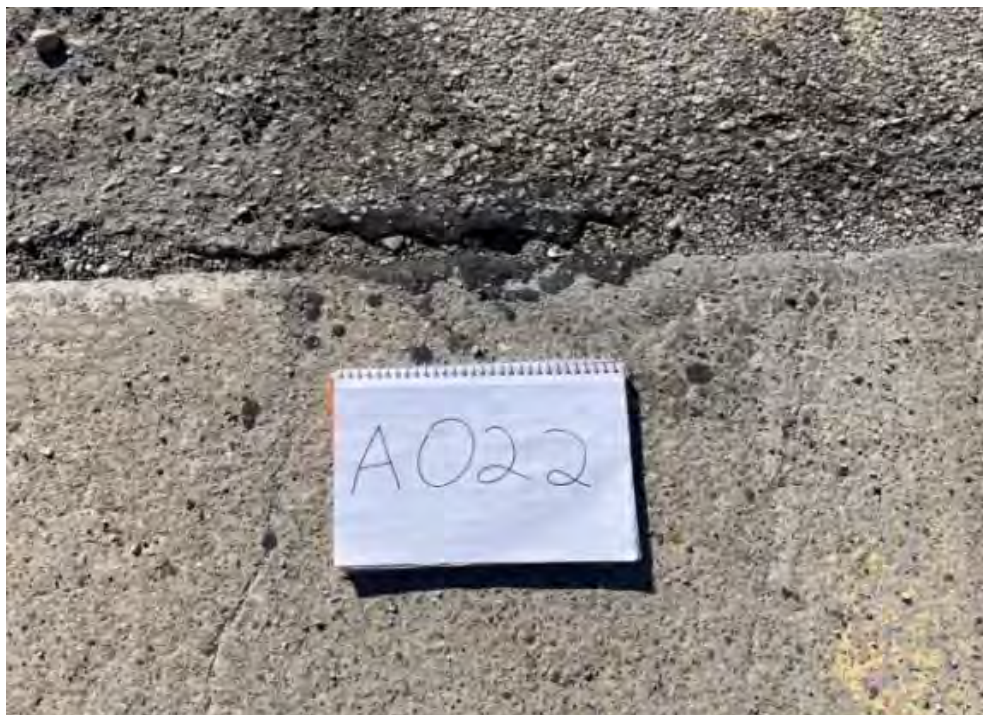


Photo No.

34

Inspection Date:

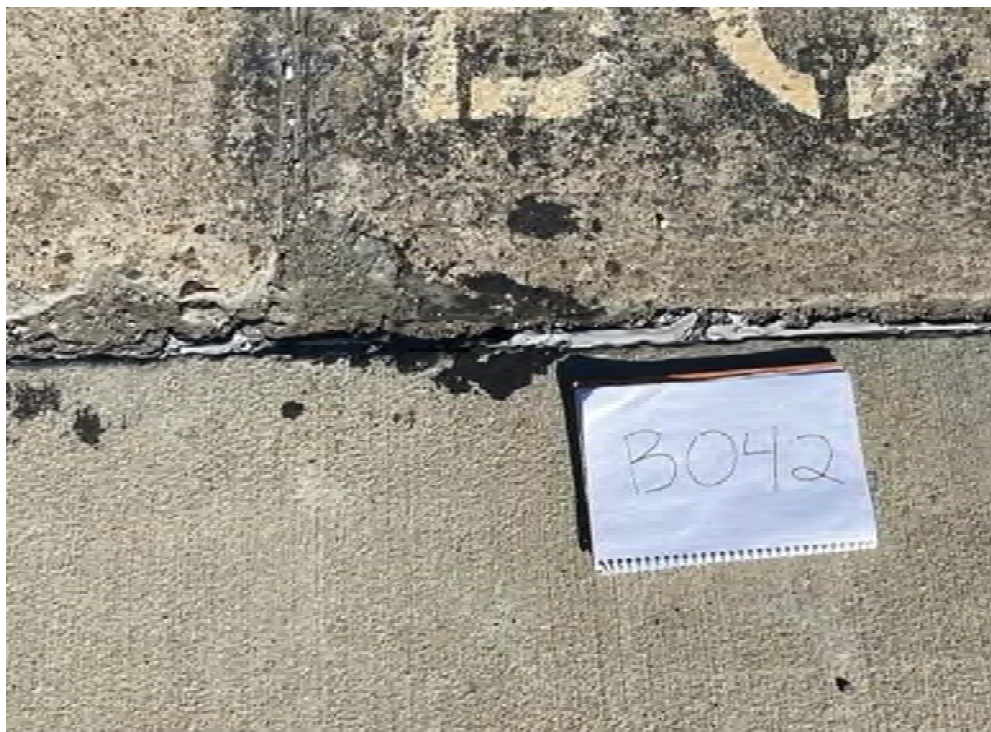
10/18/2023

Description:

Stall B042. No tar-like material observed at historical seep location along asphalt crack.



Lat: 29.784923

Long: -95.319124





PHOTOGRAPHIC LOG

Client Name: Union Pacific Railroad		Site Location: Englewood Intermodal Yard, Houston, Texas	Project No. 31406585.016
Photo No. 35	Inspection Date: 10/18/2023		
Description: Stall B056. No tar-like material observed at historical seep location along asphalt crack. Lat: 29.784751 Long: -95.319532			
Photo No. 36	Inspection Date: 10/18/2023		
Description: Stall B057, some new tar-like material observed and removed at seep location along asphalt crack. Lat: 29.784769 Long: -95.3195798			



PHOTOGRAPHIC LOG

Client Name:

Union Pacific Railroad

Site Location:

Englewood Intermodal Yard, Houston, Texas

Project No.

31406585.016

Photo No.

37

Inspection Date:

10/18/2023

Description:

Stall B100, tar-like material observed and removed at seep location along asphalt crack/hole in the asphalt.

Lat: 29.7842528

Long: - 95.3206250



Photo No.

38

Inspection Date:

10/18/2023

Description:

Stall B102 Joint, tar-like material observed and removed at seep location along stall joint.

Lat: 29.7842203

Long: - 95.320827





PHOTOGRAPHIC LOG

Client Name:

Union Pacific Railroad

Site Location:

Englewood Intermodal Yard, Houston, Texas

Project No.

31406585.016

Photo No.

39

Inspection Date:

10/18/2023

Description:

Stalls A060 - A065, some residual staining previously observed along cracks in pavement. No new water seeps observed. Viewing west.

Lat: 29.784858

Long: -95.319733



Photo No.

40

Inspection Date:

10/18/2023

Description:

Stall B096, some tar-like material observed at historical seep location along concrete joint, material was removed.

Lat: 29.7842528

Long: -95.3206250





PHOTOGRAPHIC LOG

Client Name:

Union Pacific Railroad

Site Location:

Englewood Intermodal Yard, Houston, Texas

Project No.

31406585.016

Photo No.

41

Inspection Date:

10/18/2023

Description:

Stalls B107, no new tar-like material observed at seep location on concrete joint along the southern edge of the excavated area.

Lat: 29.784156

Long: -95.320953



Photo No.

42

Inspection Date:

10/18/2023

Description:

Sump 1 (B099/B100), 46 inches of freeboard in sump, no odor noted, sheen observed, no NAPL accumulation on inflow protector, water color noted as brown.



Lat: 29.7844000

Long: - 95.3205861





PHOTOGRAPHIC LOG

Client Name: Union Pacific Railroad		Site Location: Englewood Intermodal Yard, Houston, Texas	Project No. 31406585.016
Photo No. 43	Inspection Date: 10/18/2023		
Description: Sump 2 (B103/B104), 48 inches of freeboard before pumping. No sheen or odor noted, color noted as clear. Lat: 29.7842861 Long: - 95.3208611			
Photo No. 44	Inspection Date: 10/18/2023		
Description: Sump 3 (B107/B108), 47 inches of freeboard in sump, no odor noted, sheen observed, no new NAPL accumulation on inflow protector, water color noted as light brown. Lat: 29.7844000 Long: - 95.3205861			



PHOTOGRAPHIC LOG

Client Name:

Union Pacific Railroad

Site Location:

Englewood Intermodal Yard, Houston, Texas

Project No.

31406585.016

Photo No.

45

Inspection Date:

10/18/2023

Description:

RD-14 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: 29.785064

Long: -95.321219



Photo No.

46

Inspection Date:

10/18/2023

Description:

North side of Track 802, a small amount of tar-like material observed at seep location near the edge of the ballast, material removed.

Lat: 29.784947

Long: -95.321214





PHOTOGRAPHIC LOG

Client Name:

Union Pacific Railroad

Site Location:

Englewood Intermodal Yard, Houston, Texas

Project No.

31406585.016

Photo No.

47

Inspection Date:

10/25/2023

Description:

Stall A011 some tar-like material observed at historical seep location along asphalt crack, material was removed.

Lat: 29.785392,

Long: -95.318655



Photo No.

48

Inspection Date:

10/25/2025

Description:

Stall A022, no tar-like material observed at the seep location along the edge.

Lat: 29.785381

Long: - 95.318619





PHOTOGRAPHIC LOG

Client Name:

Union Pacific Railroad

Site Location:

Englewood Intermodal Yard, Houston, Texas

Project No.

31406585.016

Photo No.

49

Inspection Date:

10/25/2023

Description:

Stall B042. No tar-like material observed at historical seep location along asphalt crack, material was removed.

Lat: 29.784923

Long: -95.319124



Photo No.

50

Inspection Date:

10/25/2025

Description:

Stall B056. No tar-like material observed at historical seep location along asphalt crack, material was removed.

Lat: 29.7847472

Long: -95.3195417





PHOTOGRAPHIC LOG

Client Name: Union Pacific Railroad		Site Location: Englewood Intermodal Yard, Houston, Texas	Project No. 31406585.016
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Photo No.	Inspection Date:	
51	10/25/2023	
Description: Stall 102 (center), no tar-like material observed at seep location where pavement is cracked. Lat: 29.784769 Long: -95.3195798		

Photo No.	Inspection Date:	
52	10/25/2023	
Description: Stall B100, tar-like material observed and removed at seep location along asphalt crack/ hole in the asphalt. Lat: 29.7842517 Long: -95.3208166		



PHOTOGRAPHIC LOG

Client Name:

Union Pacific Railroad

Site Location:

Englewood Intermodal Yard, Houston, Texas

Project No.

31406585.016

Photo No.

53

Inspection Date:

10/25/2025

Description:

Stall B102 Joint, tar-like material observed and removed at seep location along stall joint.

Lat: 29.7843668

Long: -95.3209849



Photo No.

54

Inspection Date:

10/25/2023

Description:

Stall B096, some tar-like material observed at historical seep location along concrete joint, material was removed.

Lat: 29.78417

Long: - 95.32091





PHOTOGRAPHIC LOG

Client Name: Union Pacific Railroad		Site Location: Englewood Intermodal Yard, Houston, Texas	Project No. 31406585.016
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Photo No. 55	Inspection Date: 10/25/2023
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Description:

Stalls B107, no new tar-like material observed and removed at seep location on concrete joint along the southern edge of the excavated area.

Lat: 29.784156

Long: -95.320953



Photo No. 56	Inspection Date: 10/25/2023
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Description:

Sump 1 (B099/B100), 39 inches of freeboard in sump, no odor noted, sheen observed, no new NAPL accumulation on inflow protector, water color noted as dark brown.

Lat: 29.7844000

Long: - 95.3205861





PHOTOGRAPHIC LOG

Client Name:

Union Pacific Railroad

Site Location:

Englewood Intermodal Yard, Houston, Texas

Project No.

31406585.016

Photo No.

57

Inspection Date:

10/25/2023

Description:

Sump 2 (B103/B104), 44 inches of freeboard before pumping. No sheen or odor observed, water color noted as light brown.

Lat: 29.7842861

Long: - 95.3208611



Photo No.

58

Inspection Date:

10/25/2023

Description:

Sump 3 (B107/B108), 43 inches of freeboard in sump, no odor noted, sheen observed, no new NAPL accumulation on inflow protector, water color noted as light brown.

Lat: 29.7844000

Long: - 95.3205861





PHOTOGRAPHIC LOG

Client Name:

Union Pacific Railroad

Site Location:

Englewood Intermodal Yard, Houston, Texas

Project No.

31406585.016

Photo No.

59

Inspection Date:

10/25/2023

Description:

RD-14 Seep location observed within the concrete road area north of Track 802 (east of existing Track 802 seep location), tar-like material observed along a concrete joint, material was removed.

Lat: 29.785064

Long: - 95.321219



Photo No.

60

Inspection Date:

10/25/2023

Description:

North side of Track 802, no tar-like material observed at seep location near the edge of the ballast.

Lat: 29.784947

Long: -95.321214





ATTACHMENT B

Waste Shipping Documents

BILL OF LADING – SHORT FORM – NOT NEGOTIABLE

Page 1 of 1

SHIP FROM (Shipper/Generator)		Bill of Lading (BOL# = E3OMI JOB- For Multiple loads, add -01.02..)	
Address: Union Pacific Rail Road 4910 Liberty Road, Houston, TX 77026		BOL#: 035-23-0015- 030401 WR#015992 10.13.23, 01	
Receiving Facility/Consignee Name:		Trailer number: 0001 Serial number(s): _____	
Address: Delta Water Processing 18511 Beaumont Hwy, Houston, TX 77049		Roll-off BOx# _____	
DISPOSAL BILL TO:		TRANSPORTER/Carrier Name	
All Invoices must have a PO#: <u>35-2023-4011</u> Invoice: E3 OMI P.O.Box 1300 Clinton, MS 39060 email: admin@e3omi.com; cc: siokhong@e3omi.com		E3 OMI LLC	
Special Notes/Instructions: Scheduled Date: Delta Water Processing Profile EOMI0559P		TRANSPORTER EPA #: TXD981055163 Sign 3 copies (Shipper/Generator, Transporter, & Consignee)	
		Freight Charge Terms (Freight charges are prepaid unless marked otherwise): Prepaid <input type="checkbox"/> Collect <input type="checkbox"/> 3rd Party <input type="checkbox"/> <input type="checkbox"/> Master bill of lading with attached underlying bills of lading.	

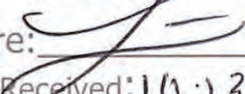
CUSTOMER ORDER INFORMATION				
Material/Waste Streams:	# of Packages	Weight	Pallet/Slip (circle one)	Additional Shipper Information
Oily Water recycling	1 TT		Y N	Waste Disposal Pick-up/Delivery
			Y N	Washout
			Y N	In Plant Work no disposal
			Y N	

CARRIER INFORMATION									
Handling Unit		Package						LTL Only	
Qty	Type	Qty	Type	Weight	HM (X)	Commodity Description/Material	NMFC No.	Class	
						Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation with ordinary care. See Section 2(e) of NMFC Item 360			
5k	Gallons	1	TT			OILY WATER			

Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property as follows: "The agreed or declared value of the property is specifically stated by the shipper to be not exceeding _____ per _____

COD Amount: _____
 Fee terms: Collect ☐ Prepaid ☐ Customer check acceptable ☐

Note: Liability limitation for loss or damage in this shipment may be applicable. See 49 USC § 14706(c)(1)(A) and (B).			
Received, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications, and rules that have been established by the carrier and are available to the shipper, on request, and to all applicable state and federal regulations.		Transporter Driver Print Name, Signature: 	
Shipper/Generator Signature/Date:  10/13/23	Trailer Loaded: <input type="checkbox"/> By shipper <input type="checkbox"/> By driver	Freight Counted: <input type="checkbox"/> By shipper <input type="checkbox"/> By driver/pallets said to contain <input type="checkbox"/> By driver/pieces	TRANSPORTER PICK UP Date: 10-13-23 Carrier acknowledges receipt of packages and required placards. Carrier certifies emergency response information was made available and/or carrier has the DOT emergency response guidebook or equivalent documentation in the vehicle. Property described above is received in good order, except as noted.

Received By Facility(Consignee): Print Name Wes Morales Signature: 
 DATE Received: **10.13.23**

BILL OF LADING – SHORT FORM – NOT NEGOTIABLE

Page 1 of 1

SHIP FROM (Shipper/Generator) Address: _____ Phone#: _____ Union Pacific Rail Road 4910 Liberty Road, Houston, TX 77026		Bill of Lading(BOL#=#E3OMI JOB- For Multiple loads, add -01.02.. BOL#:035-23-0015- 080401 WR#015992 10.13.23.02 3137	
Receiving Facility/Consignee Name: Address: _____ Phone#: 281-404-4424 Delta Water Processing 18511 Beaumont Hwy, Houston, TX 77049		Trailer number: <u>0001</u> Serial number(s): _____ Roll-off BOx# _____ TRANSPORTER/Carrier Name E3 OMI LLC TRANSPORTER EPA #:TXD981055163 Sign 3 copies (Shipper/Generator, Transporter, & Consignee)	
DISPOSAL BILL TO: All Invoices must have a PO#: <u>35-2023-4002</u> Invoice: E3 OMI P.O.Box 1300 Clinton, MS 39060 email:admin@e3omi.com; cc: siokhong@e3omi.com		Freight Charge Terms (Freight charges are prepaid unless marked otherwise): Prepaid <input type="checkbox"/> Collect <input type="checkbox"/> 3rd Party <input type="checkbox"/> <input type="checkbox"/> Master bill of lading with attached underlying bills of lading.	
Special Notes/Instructions: Scheduled Date: Delta Water Processing Profile EOMI0559P			

CUSTOMER ORDER INFORMATION					
Material/Waste Streams:	# of Packages	Weight	Pallet/Slip (circle one)	Additional Shipper Information	
Oily Water recycling	1 TT		Y N	Waste Disposal Pick-up/Delivery	
			Y N	Washout	
			Y N	In Plant Work no disposal	
			Y N		

CARRIER INFORMATION								
Handling Unit		Package					LTL Only	
Qty	Type	Qty	Type	Weight	HM (X)	Commodity Description/Material	NMFC No.	Class
						Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation with ordinary care. See Section 2(e) of NMFC item 360		
Sk	6000s	1	TT			OILY WATER		

Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property as follows: "The agreed or declared value of the property is specifically stated by the shipper to be not exceeding _____ per _____"

COD Amount: _____
 Fee terms: Collect ☐ Prepaid ☐ Customer check acceptable ☐

Note: Liability limitation for loss or damage in this shipment may be applicable. See 49 USC § 14706(c)(1)(A) and (B).

Received, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications, and rules that have been established by the carrier and are available to the shipper, on request, and to all applicable state and federal regulations.		Transporter Driver Print Name, Signature: <div style="display: flex; justify-content: space-around;"> </div>		
Shipper/Generator Signature/Date 10/13/23 This is to certify that the above named materials are properly classified, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the DOT.	Trailer Loaded: <input type="checkbox"/> By shipper <input type="checkbox"/> By driver	Freight Counted: <input type="checkbox"/> By shipper <input type="checkbox"/> By driver/pallets said to contain <input type="checkbox"/> By driver/pieces	TRANSPORTER PICK UP Date: 10-13-23 Carrier acknowledges receipt of packages and required placards. Carrier certifies emergency response information was made available and/or carrier has the DOT emergency response guidebook or equivalent documentation in the vehicle. Property described above is received in good order, except as noted.	

Received By Facility(Consignee): Cameron Johnson Signature:

DATE Received: 10/13/23