



July 15, 2021

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:

Golder Associates Inc. (Golder), a member of WSP, on behalf of Union Pacific Railroad Company (UPRR), is pleased to provide this monthly status update for June 2021 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.

The 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 slots 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 June 2021 (photographs from the weekly inspections are provided in Attachment A):

- Water continues to accumulate in the NAPL collection sumps. The sumps were pumped down on May 27, 2021. The water level in Sump 1 (B099/B100 slots) returned to the top of the sump by the June 2nd weekly inspection and has remained at that level through June 30, 2021. Water levels in Sump 2 (B103/B104 slots) and Sump 3 (B107/B108 slots) continue to fluctuate between rainfall events. The water levels in Sumps 2 and 3 increased throughout the month of June and recovered to 3 inches and 1 inch, respectively, from the top of the sumps by June 30, 2021. Water level data for the sumps are available in Table 1. The water in the sumps was observed as being brown in color. A sheen was observed on the water within Sump 3 during the weekly inspection on June 2nd (Photo No. 8). No odors were reported during the June 2021 inspections.

- The NAPL collection sumps have continued to be checked weekly for DNAPL using an interface probe. Even though no measurable DNAPL has been noted, a dipper tool 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 visually observed or recovered from Sump 1, 2, or 3 during the June inspections.
- A very small tar-like NAPL surface seep was observed near the NAPL Collection System area in stall B105 during four of the five inspections in June (June 2nd, 9th, 16th, and 23rd) (Photo Nos. 7, 15, 24, and 33). One very small tar-like NAPL surface seep was observed near the NAPL Collection System area in stall B100 on June 16, 2021 (Photo No. 21). For areas outside the NAPL Collection System, small amounts of tar-like material were observed on the concrete surface in stalls A022, B057, B101, and at two locations within stall B102 during most weekly inspection events in June. Tar-like material observed during the inspection events was recovered using a hand tool to scrape up the material. During June, the number of tar-like material seeps observed during inspections and the total amount of material removed from the concrete surface increased compared to the May inspections as daily temperatures increased. A total of approximately 2 gallons of tar-like material was recovered for the month and placed in a drum for disposal. The drum is staged at the Container Storage Area (CSA).
- Localized brown staining and seep water along cracks in the paved areas were observed during the inspections on June 2 and June 9, 2021 (Photo Nos. 1, 4, 10, 12, and 16). Widespread brown staining and water seeps that were observed in the A and B rows on June 16, 2021 (Photo Nos. 17 and 18). UPRR Contractor United States Environmental Service (USES) pressure washed the areas using pavement washing equipment and vacuumed the fluids (Photo No. 25 and 26), which were placed in the tote that was onsite holding wastewater from the cleanup event on June 16, 2021. The tote was disposed of on June 28, 2021. A copy of the waste manifest is provided in Attachment B. Following the pressure washing, no new seeping or staining was observed during the June 23 and June 30, 2021 inspections. UPRR will continue to have a remediation contractor pressure wash the areas where the brown staining and seeps are observed as needed.
- Golder, 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. During the weekly inspections through June 2021, no NAPL seeps have been observed at the seven test pit locations (slots A010, A021, A098, B013, B057, B096, and B108). The seep observed in slot B057 during each of the five June inspections is located at an asphalt crack near the western edge of the slot (Photo Nos. 3, 11, 20, 29, and 38). During the June 30, 2021 inspection, concrete patches covering test pits in slots B013 and B096 were observed to be damaged. UPRR will coordinate with a subcontractor to repair the concrete patches.
- Weekly site inspections of the NAPL Collection System and Englewood Intermodal Yard concrete pavement near the collection system will continue to be conducted. 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. No measurable NAPL has been detected in the sumps using the interface probe through June 2021.

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,

Golder Associates Inc.



Eric C. Matzner, P.G.
Principal / Program Leader



Eric Pastor, P.E.
Principal / Program Leader

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 Sumps
Weekly Inspection Photolog
Waste Manifest

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

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
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	
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	

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 Houston, Texas

Project No.
19119232

Photo No.
1

Date:
6/2/2021

Description:

Slot A010, no tar-like material seeps observed where test pit conducted (July 2020), brown staining observed along asphalt cracks, water from recent rain event, looking southeast.

Lat: 29.7855833,
Long: -95.318375



Photo No.
2

Date:
6/2/2021

Description:

Slot A022, very small amount of tar-like material seeping at asphalt crack, material was removed.

Lat: 29.785392,
Long: -95.318655





PHOTOGRAPHIC LOG

Client Name:
Union Pacific Railroad

Site Location:
Englewood Houston, Texas

Project No.
19119232

Photo No.
3

Date:
6/2/2021

Description:

Slot B057, very small amount of tar-like material seeping at asphalt crack (not at July 2020 test pit), material was removed.

Lat: 29.7847472
Long: - 95.3195417



Photo No.
4

Date:
6/2/2021

Description:

Slot B096, no tar-like material seeps observed where test pit conducted (July 2020), brown staining observed along asphalt cracks, looking northwest.

Lat: 29.7842528
Long: - 95.3206250





PHOTOGRAPHIC LOG

Client Name: Union Pacific Railroad	Site Location: Englewood Houston, Texas	Project No.: 19119232
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Photo No. 5	Date: 6/2/2021
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Description:

Slot B101, small amount of tar-like material seeping at asphalt crack, material was removed.

Lat: 29.784275
Long: - 95.320813



Photo No. 6	Date: 6/2/2021
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Description:

Slot B102, small amount of tar-like material seeping at pavement joint, material was removed.

Lat: 29.7842203
Long: - 95.320827





PHOTOGRAPHIC LOG

Client Name: Union Pacific Railroad	Site Location: Englewood Houston, Texas	Project No.: 19119232
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Photo No. 7	Date: 6/2/2021
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Description:

Slot B105, very small amount of tar-like material seeping at asphalt crack, material was removed.

Lat: 29.7841472
Long: - 95.3208777



Photo No. 8	Date: 6/2/2021
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Description:

Sump 3 (B107/B108), 38 inches of freeboard in sump. Sheen visible on water in sump. No odors noted. No tar-like material recovered.

Lat: 29.7842861
Long: - 95.3208611





Client Name:
Union Pacific Railroad

Site Location:
Englewood Houston, Texas

Project No.
19119232

Photo No.
9

Date:
6/9/2021

Description:

Slot A022, very small amount of tar-like material seeping at asphalt crack, material was removed.

Lat: 29.785392,
Long: -95.318655



Photo No.
10

Date:
6/9/2021

Description:

Slot B013, no tar-like material seeps observed where test pit conducted (July 2020), brown staining observed along asphalt cracks, looking northwest.

Lat: 29.785217
Long: -95.318261





Client Name:
Union Pacific Railroad

Site Location:
Englewood Houston, Texas

Project No.
19119232

Photo No.
11

Date:
6/9/2021

Description:

Slot B057, very small amount of tar-like material seeping at asphalt crack (not at July 2020 test pit), material was removed.

Lat: 29.7847472
Long: -95.3195417



Photo No.
12

Date:
6/9/2021

Description:

Slot B097, brown staining observed along asphalt cracks, looking northwest.

Lat: 29.784300
Long: -95.320711





Client Name:
Union Pacific Railroad

Site Location:
Englewood Houston, Texas

Project No.
19119232

Photo No.
13

Date:
6/9/2021

Description:

Slot B101, very small amount of tar-like material seeping at asphalt crack, material was removed.

Lat: 29.784275
Long: - 95.320813



Photo No.
14

Date:
6/9/2021

Description:

Slot B102, small amount of tar-like material seeping at pavement joint, material was removed.

Lat: 29.7842203
Long: - 95.320827





Client Name:
Union Pacific Railroad

Site Location:
Englewood Houston, Texas

Project No.
19119232

Photo No.
15

Date:
6/9/2021

Description:

Slot B105, very small amount of tar-like material seeping at asphalt crack, material was removed.

Lat: 29.7841472
Long: -95.3208777



Photo No.
16

Date:
6/9/2021

Description:

View of slots B109-B097, NAPL collection system visible in background, brown staining observed along asphalt cracks, looking northeast.

Lat: 29.784358
Long: -95.320611





PHOTOGRAPHIC LOG

Client Name: Union Pacific Railroad	Site Location: Englewood Houston, Texas	Project No. 19119232
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Photo No. 17	Date: 6/16/2021
Description: Slot A096, brown staining and water observed along asphalt cracks prior to cleaning by UPRR subcontractor USES, looking southeast. Lat: 29.784457 Long: -95.320770	



Photo No. 18	Date: 6/16/2021
Description: Slot A102, brown staining and water observed along asphalt cracks prior to cleaning by USES, looking west. Lat: 29.784408 Long: -95.320945	





Client Name:
Union Pacific Railroad

Site Location:
Englewood Houston, Texas

Project No.
19119232

Photo No.
19

Date:
6/16/2021

Description:

Slot A022, small amount of tar-like material seeping at asphalt crack, material was removed.

Lat: 29.785392,
Long: -95.318655



Photo No.
20

Date:
6/16/2021

Description:

Slot B057, very small amount of tar-like material seeping at asphalt crack (not at July 2020 test pit), material was removed.

Lat: 29.784742
Long: - 95.3195417





PHOTOGRAPHIC LOG

Client Name: Union Pacific Railroad	Site Location: Englewood Houston, Texas	Project No.: 19119232
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Photo No.: 21	Date: 6/16/2021
Description: Slot B100, very small amount of tar-like material seeping at asphalt crack, material was removed. Lat: 29.784315 Long: -95.320815	



Photo No.: 22	Date: 6/16/2021
Description: Slot B101, small amount of tar-like material seeping at asphalt crack, material was removed. Lat: 29.784275 Long: -95.320813	





PHOTOGRAPHIC LOG

Client Name:
Union Pacific Railroad

Site Location:
Englewood Houston, Texas

Project No.
19119232

Photo No.
23

Date:
6/16/2021

Description:

Slot B102, tar-like material seeping at two locations within the stall, small amount of at asphalt crack (pictured) as well as at the pavement joint (not-pictured), material was removed.

Lat: 29.7842203
Long: - 95.320827



Photo No.
24

Date:
6/16/2021

Description:

Slot B105, very small amount of tar-like material seeping at asphalt crack, material was removed.

Lat: 29.7841472
Long: - 95.3208777





Client Name:
Union Pacific Railroad

Site Location:
Englewood Houston, Texas

Project No.
19119232

Photo No.
25

Date:
6/16/2021

Description:

Slots B105-B098, USES pressure washing brown staining and vacuuming fluids in A and B rows, looking southwest.

Lat: 29.784361
Long: -95.320708

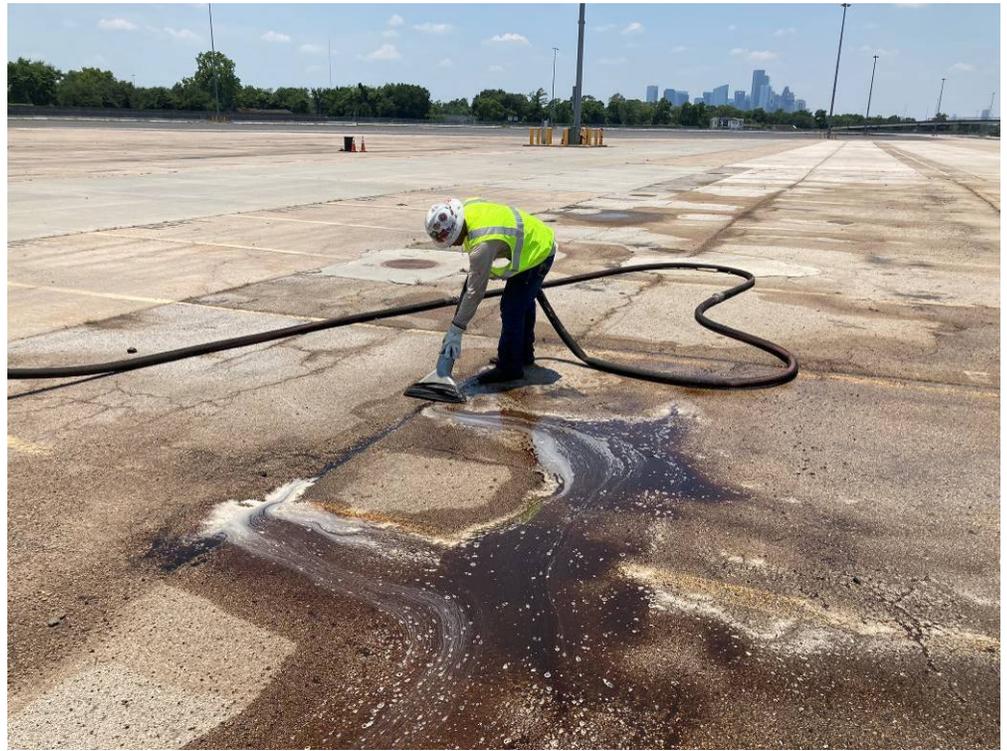


Photo No.
26

Date:
6/16/2021

Description:

Residual brown staining after USES pressure washing activities in A and B rows, looking west.

Lat: 29.784431
Long: -95.320647





Client Name:
Union Pacific Railroad

Site Location:
Englewood Houston, Texas

Project No.
19119232

Photo No.
27

Date:
6/23/2021

Description:

Slot A010, no tar-like material seeps observed where test pit conducted (July 2020).

Lat: 29.7855833,
Long: -95.318375

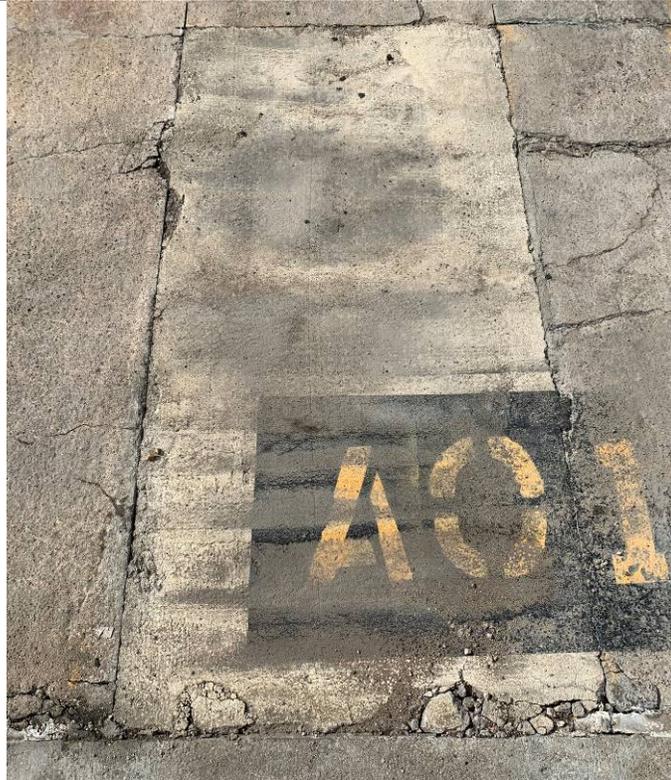


Photo No.
28

Date:
6/23/2021

Description:

Slot A022, small amount of tar-like material seeping at asphalt crack, material was removed.

Lat: 29.785392,
Long: -95.318655





PHOTOGRAPHIC LOG

Client Name: Union Pacific Railroad	Site Location: Englewood Houston, Texas	Project No.: 19119232
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Photo No. 29	Date: 6/23/2021
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Description:

Slot B057, small amount of tar-like material seeping at asphalt crack (not at July 2020 test pit), material was removed.

Lat: 29.7847472
Long: - 95.3195417



Photo No. 30	Date: 6/23/2021
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Description:

Sump 1 (B099/B100), 0 inches of freeboard in sump, no sheen or odor noted.

Lat: 29.7844000
Long: - 95.3205861





PHOTOGRAPHIC LOG

Client Name: Union Pacific Railroad	Site Location: Englewood Houston, Texas	Project No. 19119232
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Photo No. 31	Date: 6/23/2021
Description: Slot B101, small amount of tar-like material seeping at asphalt crack, material was removed. Lat: 29.784275 Long: - 95.320813	



Photo No. 32	Date: 6/23/2021
Description: Slot B102, tar-like material seeping at two locations within the stall, small amount of at asphalt crack (pictured) as well as at the pavement joint (not-pictured), material was removed. Lat: 29.7842203 Long: - 95.320827	





PHOTOGRAPHIC LOG

Client Name: Union Pacific Railroad	Site Location: Englewood Houston, Texas	Project No.: 19119232
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Photo No. 33	Date: 6/23/2021
Description Slot B105, very small amount of tar-like material seeping at asphalt crack, material was removed. Lat: 29.7841472 Long: - 95.3208777	



Photo No. 34	Date: 6/23/2021
Description: View of slots B109-B097, NAPL collection system visible in background, residual staining observed along asphalt cracks, looking northeast. Lat: 29.784116 Long: -95.321022	





PHOTOGRAPHIC LOG

Client Name:
Union Pacific Railroad

Site Location:
Englewood Houston, Texas

Project No.
19119232

Photo No.
35

Date:
6/30/2021

Description:

Slot A021, no tar-like material seeps observed where test pit conducted (July 2020).

Lat: 29.785392,
Long: -95.318655



Photo No.
36

Date:
6/30/2021

Description:

Slot A022, very small amount of tar-like material seeping at asphalt crack, material was removed.

Lat: 29.785392,
Long: -95.318655





PHOTOGRAPHIC LOG

Client Name: Union Pacific Railroad	Site Location: Englewood Houston, Texas	Project No.: 19119232
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Photo No. 37	Date: 6/30/2021
Description: Slot B013, no tar-like material seeps observed where test pit conducted (July 2020), test pit pavement damaged. Lat: 29.785217 Long: - 95.318261	



Photo No. 38	Date: 6/30/2021
Description: Slot B057, very small amount of tar-like material seeping at asphalt crack (not at July 2020 test pit), material was removed. Lat: 29.7847472 Long: - 95.3195417	





PHOTOGRAPHIC LOG

Client Name: Union Pacific Railroad	Site Location: Englewood Houston, Texas	Project No. 19119232
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Photo No. 39	Date: 6/30/2021
Description: Slot B096, no tar-like material seeps observed where test pit conducted (July 2020), test pit pavement damaged. Lat: 29.7842528 Long: - 95.3206250	



Photo No. 40	Date: 6/30/2021
Description: Slot B102, small amount of tar-like material seeping at pavement joint, material was removed. Lat: 29.7842203 Long: - 95.320827	





PHOTOGRAPHIC LOG

Client Name: Union Pacific Railroad	Site Location: Englewood Houston, Texas	Project No.: 19119232
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Photo No. 41	Date: 6/30/2021
Description: Slot B108, view of NAPL Collection System (Sump B107/B108 and test pit in background). No tar-like material seeps observed where test pit (July 2020) conducted, looking northwest. Lat: 29.784125 Long: - 95.320989	



Photo No. 42	Date: 6/30/2021
Description: Sump 3 (B107/B108), 1 inch of freeboard in sump. No sheen or odors noted. No tar-like material recovered. Lat: 29.7842861 Long: - 95.3208611	



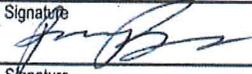
ATTACHMENT B

Manifest

uses ~~HSRD-USE~~ #10660 unvan

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number TXD000820266/31547	2. Page 1 of 1	3. Emergency Response Phone 1-888-877-7267	4. Manifest Tracking Number 015260023 JJK		
5. Generator's Name and Mailing Address Union Pacific Railroad C/O GHD Services ATTN: Manifest Receiving 6520 Corporate Drive Indianapolis, IN 46278				Generator's Site Address (if different than mailing address) Union Pacific Railroad 4910 Liberty Road Houston, TX 77026			
Generator's Phone: (414) 267-4164							
6. Transporter 1 Company Name USES		409-939-5295		U.S. EPA ID Number TXR0000 84567			
7. Transporter 2 Company Name				U.S. EPA ID Number			
8. Designated Facility Name and Site Address Waste Connections - Seabreeze Landfill 10310 FM 523 Angleton, TX 77516				U.S. EPA ID Number H1539			
Facility's Phone: (979) 864-4442							
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
		No.	Type				
1.	Non-regulated material (Petroleum Impacted Water)	1	TP			1485	1022
2.							
3.							
4.							
14. Special Handling Instructions and Additional Information WR#004614 Profile #: SB-21-318							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offeror's Printed/Typed Name Luis Orzco as Agent for UNR				Signature 		Month Day Year 06 28 21	
16. International Shipments		<input type="checkbox"/> Import to U.S.		<input type="checkbox"/> Export from U.S.		Port of entry/exit: _____ Date leaving U.S.: _____	
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name Patricio Borrego				Signature 		Month Day Year 06 28 21	
Transporter 2 Printed/Typed Name				Signature		Month Day Year	
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
Manifest Reference Number: _____							
18b. Alternate Facility (or Generator)				U.S. EPA ID Number			
Facility's Phone: _____							
18c. Signature of Alternate Facility (or Generator)						Month Day Year	
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. H132		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name Cathy Cooper				Signature 		Month Day Year 06 28 21	

GENERATOR
TRANSPORTER
DESIGNATED FACILITY

340-339-1852