



September 16, 2020

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), on behalf of Union Pacific Railroad Company (UPRR), is pleased to provide this monthly status update for August 2020 for the implementation of the cap repairs identified in the Updated Post-Response Action Care Report (PRACR) dated January 16, 2018 for 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 brief description of the current status of the repairs is provided below:

The non-aqueous phase liquid (NAPL) Collection System was installed in the Englewood Intermodal Yard 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 August 2020 (photographs from the weekly inspections are provided in Attachment A):

- During the month of August, no significant amount of tar-like NAPL (DNAPL) has been visually observed or recovered from Sump 1 (B099/B100 slots), Sump 2 (B103/B104 slots), or Sump 3 (B107/B108 slots). Water continues to accumulate in the NAPL collection sumps. To slow water accumulation from surface runoff, new manhole covers without holes were installed on the NAPL collection sumps and new inflow protectors have been ordered.
- Water continues to collect more rapidly in Sump 1 compared to Sumps 2 or 3 following pump down events. All three Sumps were pumped down in early July 2020. After pumping, the water level in Sump 1 returned to the surface by the July 23rd weekly inspection and has remained at the top of the sump through August 26, 2020. In contrast the water levels in Sumps 2 and 3 have recovered to 10 inches and 9 inches below the top of the sumps, respectively, as of August 26, 2020. The water in

Golder Associates Inc.
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Sumps 1, 2, and 3 was observed as being brown in color but with no sheen or odor observed during the month of August. Water pumped from the sumps is stored in the on-site frac tank near slot B109. The water was previously sampled, characterized and profiled for disposal in February 2020. UPRR Contractor National Response Corporation (NRC) pumped the water from the frac tank on August 10-11, 2020 and transported the water for disposal at Liquid Environmental Solutions using the profile from February 2020. The waste manifests for the disposal of the fluid are provided in Attachment B. The sumps were pumped down again on September 1, 2020. Information associated with that pump down will be provided in the September monthly report.

- A small amount of tar-like NAPL was observed seeping at a joint immediately adjacent to the NAPL Collection System in slot B103 on August 19, 2020 (see photolog). No other seeps were observed within the NAPL Collection System area. For areas outside the NAPL Collection System, very small amounts of tar-like material were noted on the concrete surface in stalls B057, B101, B102, and B105 where previous seeps have been observed. The overall amount of material recovered during August 2020 decreased slightly from July 2020 with a total of less than 1 gallon of the tar-like material recovered.
- Beginning in May 2020, brown staining and seep water was observed along asphalt joints and cracks throughout the B-Row (predominately in the B090 – B098 area) but was also observed within the A-Row. UPRR Contractor United States Environmental Services (USES) pressure washed the areas in May and collected the fluids, which were placed in a tote on site next to the frac tank used to temporarily store water pumped from the NAPL Collection sumps. The fluid was sampled, characterized as non-hazardous waste (analytical report was included in the July 2020 Monthly update). NRC transported the tote water for disposal at SeaBreeze Landfill on August 12, 2020. The waste manifest for disposal is provided in Attachment B. Through June and July 2020 no wide-spread seep water was observed during the weekly inspections. During the inspection on August 26, 2020, brown staining and standing brown water was observed in the B099-B110 slots along with adjacent slots in the A-row. Some of the water may have been from a recent rainfall event. USES pressure washed the stained areas on September 1, 2020. UPRR will continue to have USES pressure wash the areas where the brown staining and seeps are observed as needed.
- During the week of July 13, 2020, Golder, on behalf of UPRR, coordinated with USES to excavate seven test pits in areas where historical NAPL seeps (Slots A010, A021, A098, B013, B057, B096, and B108) had been observed in the Englewood Intermodal Yard. During the excavation and backfilling of the test pits and through the August 26, 2020 inspection, no NAPL seeps have been observed at the test pits locations. The test pit locations will continue to be inspected on a weekly basis and Golder, on behalf of UPRR, will prepare a summary report of the test pit findings including weekly inspections for three months for submittal to the TCEQ.

Weekly site inspections of the NAPL Collection System and Englewood Intermodal Yard concrete pavement near the collection system will continue to be conducted. In response to the TCEQ letter dated August 9, 2019, a notation on the presence of NAPL in each sump and tabulation of depth and thickness of NAPL if detected, and a tabulation of total mass of NAPL recovered from each sump is provided. The requested information is provided on the enclosed Table 1. Through August 2020, no measurable NAPL has been detected in the sumps using the interface probe.

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

ECM

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 Disposal Manifests

[https://golderassociates.sharepoint.com/sites/116841/project files/6 deliverables/pracr/tceq comment letter/2020-08 august monthly update/houston, tx-wpw-sw 31547 - monthly status update - cap repairs 202008-draft.docx](https://golderassociates.sharepoint.com/sites/116841/project%20files/6%20deliverables/pracr/tceq%20comment%20letter/2020-08%20august%20monthly%20update/houston,%20tx-wpw-sw-31547-monthly%20status%20update-cap%20repairs%20202008-draft.docx)

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	
8/12/2020	1	11	10	Not measurable	
8/19/2020	0	7	6	Not measurable	
8/26/2020	0	10	9	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
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Photo No. 1	Date: 08/05/2020
Description: Frac tank for storage of pumped down water from NAPL Collection Sumps (in Slot B110) and tote for storage of recovered pressure wash water/brown water, water from recent rain event on pavement, looking northwest. Lat: 29.7841028 Long: - 95.3209833	



Photo No. 2	Date: 08/05/2020
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Description: Slot A021, no tar-like material seeps observed, looking south. Lat: 29.785392, Long: -95.318655	
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PHOTOGRAPHIC LOG

Client Name:
Union Pacific Railroad

Site Location:
Englewood Houston, Texas

Project No.
19119232

Photo No.
3

Date:
08/05/2020

Description:

Slot B096, no tar-like material seeps observed, looking north.

Lat: 29.7842528
Long: - 95.3206250



Photo No.
4

Date:
08/05/2020

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
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Photo No. 5	Date: 08/05/2020
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Description:

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

Lat: 29.7842203
Long: - 95.320827



Photo No. 6	Date: 08/05/2020
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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





PHOTOGRAPHIC LOG

Client Name:
Union Pacific Railroad

Site Location:
Englewood Houston, Texas

Project No.
19119232

Photo No.
7

Date:
08/05/2020

Description:

Slot B108, view of NAPL Collection System (Sump 107/108 in background). No tar-like material seeps observed, looking north.

Lat: 29.784125
Long: - 95.320989



Photo No.
8

Date:
08/05/2020

Description:

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

Lat: 29.7844000
Long: - 95.3205861





Client Name:
Union Pacific Railroad

Site Location:
Englewood Houston, Texas

Project No.
19119232

Photo No.
9

Date:
08/12/2020

Description:

Slot A010, no tar-like material seeps observed, looking south.

Lat: 29.7855833,
Long: -95.318375



Photo No.
10

Date:
08/12/2020

Description:

Slot B057, very small amount of tar-like material seeping at asphalt crack, material was removed.

Lat: 29.7847472
Long: -95.3195417





PHOTOGRAPHIC LOG

Client Name:
Union Pacific Railroad

Site Location:
Englewood Houston, Texas

Project No.
19119232

Photo No.
11

Date:
08/12/2020

Description:

Slot B104, view of NAPL Collection System (Sump 103/104 in foreground). No tar-like material seeps observed, looking north.

Lat: 29.7841639
Long: - 95.3208694



Photo No.
12

Date:
08/12/2020

Description:

Sump 2 (B103/B104), 11 inches of freeboard in sump, no sheen or odors noted.

Lat: 29.7842861
Long: - 95.3208611





PHOTOGRAPHIC LOG

Client Name:
Union Pacific Railroad

Site Location:
Englewood Houston, Texas

Project No.
19119232

Photo No.
13

Date:
08/12/2020

Description:

Slot B107, view of NAPL Collection System (Sump 3 (B107B/108) in background). No tar-like material seeps observed, looking north.

Lat: 29.784125
Long: - 95.320989



Photo No.
14

Date:
08/12/2020

Description:

Sump 3 (B107/B108), 10 inches of freeboard in sump. No sheen, odor, or tar-like material observed.

Lat: 29.7842861
Long: - 95.3208611





PHOTOGRAPHIC LOG

Client Name: Union Pacific Railroad	Site Location: Englewood Houston, Texas	Project No.: 19119232
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Photo No. 15	Date: 08/12/2020
Description: Slot B097, residual brown staining observed along the crack in the asphalt, looking north. Lat: 29.784402 Long: -95.320520	



Photo No. 16	Date: 08/12/2020
Description: Slot B105, no tar-like material seeps observed, looking north. Lat: 29.7841472 Long: - 95.3208777	





Client Name:
Union Pacific Railroad

Site Location:
Englewood Houston, Texas

Project No.
19119232

Photo No.
17

Date:
08/19/2020

Description:

Slot A022, no tar-like material seeps observed, looking south.

Lat: 29.785392,
Long: -95.318655



Photo No.
18

Date:
08/19/2020

Description:

Slot B057, very small amount of tar-like material seeping at asphalt crack, material was removed.

Lat: 29.7847472
Long: - 95.3195417





PHOTOGRAPHIC LOG

Client Name:
Union Pacific Railroad

Site Location:
Englewood Houston, Texas

Project No.
19119232

Photo No.
19

Date:
08/19/2020

Description:

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

Lat: 29.784275
Long: - 95.320813



Photo No.
20

Date:
08/19/2020

Description:

Slot B096, no tar-like material seeps observed, looking north.

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. 21	Date: 08/19/2020
Description: Slots B097-B110, NAPL collection system visible in background, residual brown staining observed along the crack in the asphalt, looking west. Lat: 29.784236 Long: -95.320642	



Photo No. 22	Date: 08/19/2020
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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	
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PHOTOGRAPHIC LOG

Client Name:
Union Pacific Railroad

Site Location:
Englewood Houston, Texas

Project No.
19119232

Photo No.
23

Date:
08/19/2020

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.
24

Date:
08/19/2020

Description:

Slot B103, very small amount of tar-like material seeping at joint. Material was removed.

Lat: 29.7842861
Long: - 95.3208611





PHOTOGRAPHIC LOG

Client Name:
Union Pacific Railroad

Site Location:
Englewood Houston, Texas

Project No.
19119232

Photo No.
25

Date:
08/26/2020

Description

Slot A021, no tar-like material seeps observed, looking south.

Lat: 29.785392,
Long: -95.318655



Photo No.
26

Date:
08/26/2020

Description:

Slot B013, no tar-like material seeps observed, looking north.

Lat: 29.785217
Long: - 95.318261





PHOTOGRAPHIC LOG

Client Name:
Union Pacific Railroad

Site Location:
Englewood Houston, Texas

Project No.
19119232

Photo No.
27

Date:
08/26/2020

Description:

Slot B100, view of NAPL Collection System (Sump 099/100 in background). Standing brown water observed along asphalt cracks. Area wet from recent rainfall event. No tar-like material seeps observed, looking north.

Lat: 29.7842472
Long: - 95.3206944



Photo No.
28

Date:
08/26/2020

Description:

Slot B102, small amount of tar-like material seeping at 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. 29	Date: 08/26/2020
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. 30	Date: 08/26/2020
Description: Slots B097-B110, NAPL collection system visible in background, standing brown water observed along the cracks in the asphalt, looking west. Area wet from recent rainfall event. Lat: 29.784236 Long: -95.320642	





PHOTOGRAPHIC LOG

Client Name: Union Pacific Railroad	Site Location: Englewood Houston, Texas	Project No.: 19119232
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Photo No. 31	Date: 08/26/2020
Description: Slot A096, standing brown water observed. Area wet from recent rainfall event. Lat: 29.784442 Long: -95.320739	



Photo No. 32	Date: 08/26/2020
Description: Sump 3 (B107/B108), 10 inches of freeboard in sump. No sheen, odor, or tar-like material observed. Lat: 29.7842861 Long: - 95.3208611	



ATTACHMENT B

Waste Disposal Manifests

WR # 001879

150068

NON-HAZARDOUS WASTE MANIFEST

GENERATOR

Company and Location UPRR (Englewood Intermodal Facility)
Address 3500 Wallisville Rd City / State / Zip Houston, TX 77020

EPA ID# _____ TCEQ Generator# _____

Type of Waste: LES Waste Code 0427044

Grease Trap Capacity of Waste Facility _____
Grit Trap Quantity of Waste Removed 2,500
Lint Trap
Other (Describe) storm water

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law or any applicable regulation, has been properly described, and the information provided above is complete, true and accurate.

Trinidad Garcia as agent for UPRR
Generator Authorized Agent Name (PRINTED)

[Signature]
Signature

08/10/20
Shipment Date

TRANSPORTER

NRC Gulf 1700 North E St 281-267-9131
Company Name Address Phone Number

24291
TCEQ Transporter #

I hereby certify that the above named material was picked up at the generator site listed above on the shipment date written above and delivered without incident to the destination listed below

564
City Permit #

5088
Truck #

Trinidad Garcia
Driver Name (Printed)

MA7 3HS
License Plate #

[Signature]
Driver Signature

08/10/20
Delivery Date

DESTINATION

Site Name Liquid Environmental Solutions of Texas, LP

I hereby certify that the above named material has been accepted by this facility and to the best of my knowledge the foregoing is true and accurate.

Phone # 713-671-4800

Address 250 Gellhorn Dr., Houston, TX 77013

Liquid Environmental Solutions of Texas, LP
250 Gellhorn Dr.
Houston, TX 77013
(713) 671-4800
TCEQ Permit #2234D

Permit # 2234D

[Signature]
Signature

8/10/20
Delivery Date

WR# 001879

WR# 001879

150859

NON-HAZARDOUS WASTE MANIFEST

GENERATOR

Company and Location Union Pacific Railroad

Address 16405 Whellsville City / State / Zip Houston, TX 77020

EPA ID# _____ TCEQ Generator# _____

Type of Waste: LES Waste Code **C427044**

Grease Trap Capacity of Waste Facility 5000 Gallon

Grit Trap Quantity of Waste Removed 3000 Gallon

Lint Trap

Other (Describe) Oil in water

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law or any applicable regulation, has been properly described, and the information provided above is complete, true and accurate.

Marcus Johnson
Generator Authorized Agent Name (PRINTED)

[Signature]
Signature

8/11/20
Shipment Date

TRANSPORTER

Company Name NRC Address 1700 North E. St Lafayette, LA 70501-9131 Phone Number _____

TCEQ Transporter # 24791

City Permit # 2010 I hereby certify that the above named material was picked up at the generator site listed above on the shipment date written above and delivered without incident to the destination listed below

Truck # 7115 / Trailer 1309 Driver Name (Printed) Marcus Johnson

License Plate # JB1 1GT Driver Signature [Signature] Delivery Date 8/11/20

DESTINATION

Site Name Liquid Environmental Solutions of Texas, LP

Phone # 713-671-4800

Address 250 Gellhorn Dr., Houston, TX 77013

Permit # 2234D

I hereby certify that the above named material has been accepted by this facility and to the best of **Liquid Environmental Solutions of Texas, LLC** accurate.

Liquid Environmental Solutions of Texas, LLC
250 Gellhorn Dr.
Houston, TX 77013
(713) 671-4800

C. Bank
Signature

8/11/20
Delivery Date

WR 001879

151715

NON-HAZARDOUS WASTE MANIFEST

GENERATOR

Company and Location Union Pacific Railroad
Address 4409 Wallisville City / State / Zip Houston TX 77020

EPA ID# _____ TCEQ Generator# _____

Type of Waste: LES Waste Code 0427044

Grease Trap Capacity of Waste Facility _____
Grit Trap Quantity of Waste Removed 5000 Gallon
Lint Trap
Other (Describe) Storm Water

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law or any applicable regulation, has been properly described, and the information provided above is complete, true and accurate.

Marcus Johnson Generator Authorized Agent Name (PRINTED) [Signature] Signature 8/11/20 Shipment Date

TRANSPORTER

NKC Company Name 1700 Wallisville Address (282) 79131 Phone Number

24291 TCEQ Transporter #
2010 City Permit #

I hereby certify that the above named material was picked up at the generator site listed above on the shipment date written above and delivered without incident to the destination listed below

TK 7115 / Tanker 1309 Truck # Marcus Johnson Driver Name (Printed)
JB1 1GT License Plate # [Signature] Driver Signature 8/11/20 Delivery Date

DESTINATION

Site Name Liquid Environmental Solutions of Texas, LP
Phone # 713-671-4800
Address 250 Gellhorn Dr., Houston, TX 77013
Permit # 2234D

I hereby certify that the above named material has been accepted by this facility and to the best of my knowledge the foregoing is true and accurate.

Liquid Environmental Solutions of Texas, LLC
[Signature] Signature 8/11/20 Delivery Date
250 Gellhorn Dr.
Houston, TX 77013
(713) 671-4800
TCEQ Permit #2234D

Please print or type.

Form Approved. OMB No. 2050-0039

UN-10-11535 11170

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number TXD0000820266/31547	2. Page 1 of 1	3. Emergency Response Phone 888.877.7267	4. Manifest Tracking Number 022128253 JJK		
5. Generator's Name and Mailing Address Union Pacific Railroad C/O GHD Services Attn: manifest receiving 6520 CorPova Te Drive Indianapolis, IN 46278 Generator's Phone: (414)267-4164				Generator's Site Address (if different than mailing address) 4910 Liberty Rd Houston, TX 77026			
6. Transporter 1 Company Name NRC GULF SERVICES INC.				U.S. EPA ID Number FLR000012823			
7. Transporter 2 Company Name				U.S. EPA ID Number			
8. Designated Facility Name and Site Address WASTE CONNECTION - Seabreeze Landfill 10310 FM 523 Angleton, TX 77516 Facility's Phone: (979)864-4442				U.S. EPA ID Number H1539.			
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	1240	P	1485	1022
2.							
3.							
4.							
14. Special Handling Instructions and Additional Information WR# 001763 Profile # SB-20-712							
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 X Westco Hydroblasting				Signature <i>[Signature]</i>		Month Day Year 8 12 20	
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 X Gilbert Rodriguez				Signature Gilbert R.		Month Day Year 18 12 20	
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							
18b. Alternate Facility (or Generator) Manifest Reference Number: _____ U.S. EPA ID Number _____							
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 Zaira Delgado				Signature <i>[Signature]</i>		Month Day Year 8 12 20	