



March 5, 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 February 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 for February (photographs of from the weekly inspections are provided in Attachment A):

- No significant amount of NAPL has been visually observed within NAPL collection Sump 1 (B099/B100 slots), Sump 2 (B103/B104 slots), or Sump 3 (B107/B108 slots).
- Water continues to collect in the NAPL collection sumps. Water tends to collect more rapidly in Sump 1 compared to Sumps 2 or 3 following pump down events. NRC conducted a pump down of the sumps on February 20, 2020. By February 27, 2020, the water in Sump 1 had recovered to 2 inches from the top of the sump, whereas Sumps 2 and 3 had only recovered to approximately 3 feet from the top of the sump. The water in Sumps 1, 2, and 3 was observed as being brown in color with no odor or sheen. In January 2020, fluid was pumped from the sumps, stored it in the on-site frac tank near slot B109, and characterized for disposal (analytical report was provided in the January 2020 monthly update). Once profiled, NRC pumped the fluid from the frac tank on February 19, 2020

Golder Associates Inc.
2201 Double Creek Dr, Suite 4004, Round Rock, Texas, USA 78664

T: +1 512 671-3434 F: +1 512 671-3446

and transported the fluid for disposal at Liquid Environmental Solutions. The waste manifests for the disposal of the fluid are provided in Attachment B. On February 20, 2020, NRC pumped approximately 9,000 gallons of fluid from the sumps and stored it in the on-site frac tank.

- For areas outside the NAPL Collection System, very small amounts of tar-like material were noted near stall B096 where a previous seep has been observed. The amount of the tar-like material seeping has remained steady over the past month. Less than 0.05 gallons of the tar-like material was recovered during February 2020.
- There were no water seeps noted in the Englewood Intermodal Yard area during the weekly inspections in February, similar to the inspections since September 2019.

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 contaminant mass of NAPL recovered from each sump is provided. The requested information is provided on the enclosed Table 1. Through February 2020, no NAPL has been measurable in the sumps using the interface probe.

If you have any questions or need additional information, please feel free to call me 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

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 Manifests – Recovered Fluids from Sumps, Disposal on February 19,
2020

[https://golderassociates.sharepoint.com/sites/116841/project/files/6/deliverables/pracr/tceq comment letter/2020-02 february monthly update/houston, tx-wpw-sw-31547 - monthly status update - cap repairs 202002.docx](https://golderassociates.sharepoint.com/sites/116841/project/files/6/deliverables/pracr/tceq%20comment%20letter/2020-02%20february%20monthly%20update/houston,%20tx-wpw-sw-31547-monthly%20status%20update-cap%20repairs%20202002.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 measureable | |
| 8/21/2019 | 0 | 27.5 | 26.5 | Not measureable | |
| 8/28/2019 | 44.5 | 47.9 | 45 | Not measureable | Water from sumps pumped out |
| 9/4/2019 | 19 | 42 | 41.5 | Not measureable | |
| 9/13/2019 | 0 | 39.5 | 38 | Not measureable | |
| 9/20/2019 | 0 | 3 | 2.5 | Not measureable | |
| 9/25/2019 | 0 | 42 | 42.5 | Not measureable | Water from sumps pumped out |
| 10/2/2019 | 2.5 | 42.5 | 42 | Not measureable | Sheen visible in B107/B108 sump, less than 0.1 gal od DNAPL recovered |
| 10/9/2019 | 3 | 42 | 41.5 | Not measureable | Sheen visible in B107/B108 sump, less than 0.1 gal od DNAPL recovered |
| 10/16/2019 | 0 | 39.5 | 39 | Not measureable | Less than 0.1 gal of DNAPL recovered from B107/B108 Sump |
| 10/24/2019 | 3 | 35 | 25 | Not measureable | Less than 0.1 gal of DNAPL recovered from B107/B108 Sump |
| 10/29/2019 | 0 | 24 | 23 | Not measureable | Water from sumps pumped out |
| 10/30/2019 | 0 | 40 | 39 | Not measureable | Slight sheen visible in B107/B108 sump |
| 11/6/2019 | 9 | 39 | 38.5 | Not measureable | |
| 11/13/2019 | 7 | 30 | 29 | Not measureable | Less than 0.1 gal of DNAPL recovered from B107/B108 Sump |
| 11/19/2019 | 4 | 26 | 25.5 | Not measureable | |
| 11/27/2019 | 0 | 25 | 23 | Not measureable | |
| 12/3/2019 | 2 | 25.5 | 25 | Not measureable | Less than 0.1 gal of DNAPL recovered from B107/B108 Sump |
| 12/11/2019 | 1.5 | 17 | 16.54 | Not measureable | Less than 0.1 gal of DNAPL recovered from B107/B108 Sump |
| 12/17/2019 | 5 | 19.5 | 17.5 | Not measureable | |
| 12/23/2019 | 10 | 21 | 20.5 | Not measureable | |
| 1/7/2020 | 9 | 13 | 12.5 | Not measureable | |
| 1/8/2020 | 9 | 13 | 12.5 | Not measureable | Water from sumps pumped out |
| 1/17/2020 | 0 | 32 | 31.5 | Not measureable | |
| 1/21/2020 | 2.5 | 26.5 | 26 | Not measureable | |
| 1/28/2020 | 0 | 0 | 0 | Not measureable | |
| 2/4/2020 | 2 | 11 | 10.5 | Not measureable | |
| 2/12/2020 | 0 | 0 | 0 | Not measureable | |
| 2/18/2020 | 1.5 | 11.5 | 10.25 | Not measureable | Water from sumps pumped out on 2/20/2020 |
| 2/27/2020 | 2 | 42 | 36 | Not measureable | |

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: 02/04/2020 |
| Description: Frac tank for storage of pumped down water from NAPL Collection Sumps (in Slot B110), looking northwest. Lat: 29.7841028 Long: - 95.3209833 | |



| | |
|-----------------------|----------------------------|
| Photo No. 2 | Date: 02/04/2020 |
|-----------------------|----------------------------|

| | |
|---|--|
| Description: Slot A022, no tar-like material seeps observed, looking south. Lat: 29.785382 Long: -95.318678 | |
|---|--|





PHOTOGRAPHIC LOG

| | | |
|---|---|---------------------------------|
| Client Name: Union Pacific Railroad | Site Location: Englewood Houston, Texas | Project No.: 19119232 |
|---|---|---------------------------------|

| | |
|---|----------------------------|
| Photo No.: 3 | Date: 02/04/2020 |
| Description: Slot B096, very small amount of tar-like material seeping at joint, material was removed. Lat: 29.7842528 Long: - 95.3206250 | |



| | |
|---|----------------------------|
| Photo No.: 4 | Date: 02/04/2020 |
| Description: Slot B057, no tar-like material seeps observed. Lat: 29.7847472 Long: - 95.3195417 | |





PHOTOGRAPHIC LOG

| | | |
|---|---|--------------------------------|
| Client Name: Union Pacific Railroad | Site Location: Englewood Houston, Texas | Project No. 19119232 |
|---|---|--------------------------------|

| | |
|--|----------------------------|
| Photo No. 5 | Date: 02/04/2020 |
| Description: Slot B101, no tar-like material seeping observed, looking northeast. Lat: 29.784275 Long: - 95.320813 | |



| | |
|---|----------------------------|
| Photo No. 6 | Date: 02/04/2020 |
| 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 | |





PHOTOGRAPHIC LOG

Client Name:
Union Pacific Railroad

Site Location:
Englewood Houston, Texas

Project No.
19119232

Photo No.
7

Date:
02/12/2020

Description:

Slot A021, no tar-like material seeps observed, looking south, residual water from recent rain event noted.

Lat: 29.7855917
Long: -95.3187469

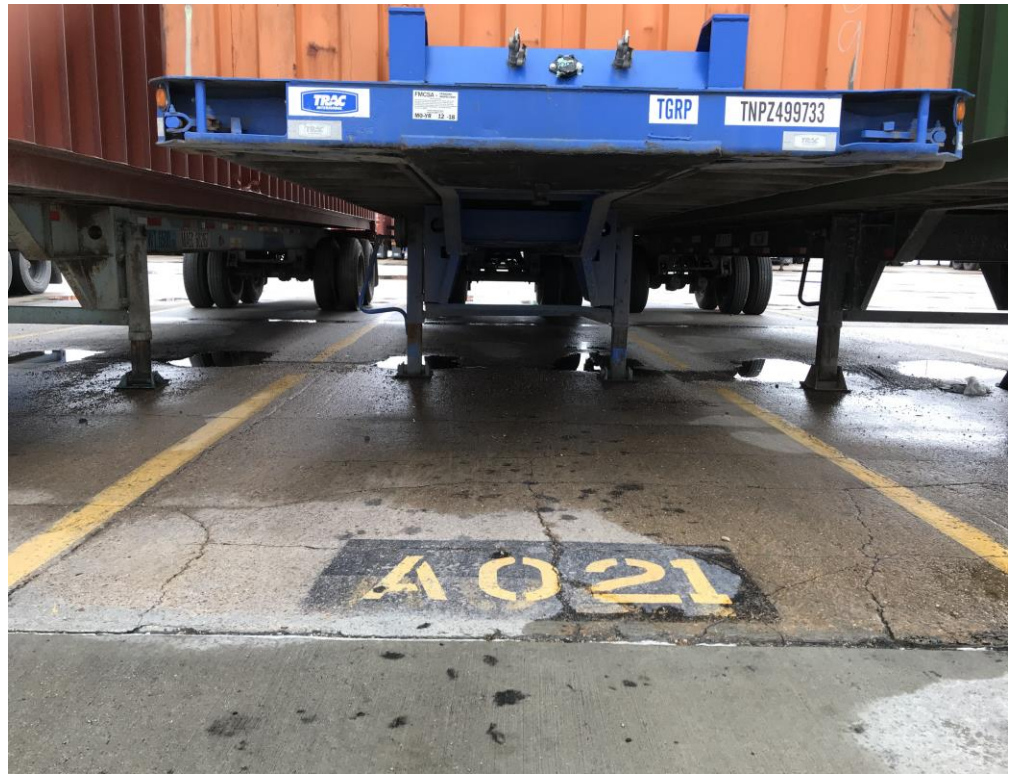


Photo No.
8

Date:
02/12/2020

Description:

Slot A010, no tar-like material seeps observed, looking south, residual water from recent rain event noted.

Lat: 29.7855833,
Long: -95.318375





PHOTOGRAPHIC LOG

Client Name:
Union Pacific Railroad

Site Location:
Englewood Houston, Texas

Project No.
19119232

Photo No.
9

Date:
02/12/2020

Description:

Slot B013, no tar-like material seeps observed, residual water from recent rain event noted, looking north.

Lat: 29.785217
Long: - 95.318261



Photo No.
10

Date:
02/12/2020

Description:

Slot B016, no tar-like material seeps observed, residual water from recent rain event noted, looking north.

Lat: 29.784211
Long: - 95.320769





PHOTOGRAPHIC LOG

| | | |
|---|---|---------------------------------|
| Client Name: Union Pacific Railroad | Site Location: Englewood Houston, Texas | Project No.: 19119232 |
|---|---|---------------------------------|

| | |
|------------------------|----------------------------|
| Photo No. 11 | Date: 02/12/2020 |
|------------------------|----------------------------|

Description:

Slot B096, very small amount of tar-like material seeping at joint, material was removed.

Lat: 29.7842528
Long: - 95.3206250



| | |
|------------------------|----------------------------|
| Photo No. 12 | Date: 02/12/2020 |
|------------------------|----------------------------|

Description:

Slot B098, no tar-like material seeps observed, residual water from recent rain event noted, looking north.

Lat: 29.784231
Long: - 95.320694





PHOTOGRAPHIC LOG

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|---|---|---------------------------------|
| Client Name: Union Pacific Railroad | Site Location: Englewood Houston, Texas | Project No.: 19119232 |
|---|---|---------------------------------|

| | |
|---|----------------------------|
| Photo No. 13 | Date: 02/18/2020 |
| Description: Sump B099/B100, 1.5 inches of freeboard in sump, no sheen or odors noted. Lat: 29.7844000 Long: - 95.3205861 | |



| | |
|-------------------------------|----------------------------|
| Photo No. 14 | Date: 02/18/2020 |
|-------------------------------|----------------------------|

| | |
|---|--|
| Description: Sump B107/B108, approx. 10.25 inches of freeboard in sump, no sheen or odors noted. No tar-like material noted. 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: 02/18/2020 |
| Description: Slot B105, no tar-like material seeps observed, looking north. Lat: 29.7841472 Long: - 95.3208777 | |



| | |
|---|----------------------------|
| Photo No. 16 | Date: 02/18/2020 |
| Description: Slot B096, very small amount of tar-like material seeping at joint, material was removed. Lat: 29.7842528 Long: - 95.3206250 | |





PHOTOGRAPHIC LOG

| | | |
|---|---|--------------------------------|
| Client Name: Union Pacific Railroad | Site Location: Englewood Houston, Texas | Project No. 19119232 |
|---|---|--------------------------------|

| | |
|--|----------------------------|
| Photo No. 17 | Date: 02/18/2020 |
| Description: Slot B057, no tar-like material seeps observed, looking north. Lat: 29.7847166 Long: - 95.3195417 | |



| | |
|------------------------|----------------------------|
| Photo No. 18 | Date: 02/18/2020 |
|------------------------|----------------------------|

| | |
|---|--|
| Description: Slot B099, view of NAPL Collection System (Sump 099/100 in foreground). No tar-like material seeps observed, looking north. Lat: 29.7842472 Long: - 95.3206944 | |
|---|--|





PHOTOGRAPHIC LOG

| | | |
|---|---|--------------------------------|
| Client Name: Union Pacific Railroad | Site Location: Englewood Houston, Texas | Project No. 19119232 |
|---|---|--------------------------------|

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|-------------------------------|----------------------------|
| Photo No. 19 | Date: 02/27/2020 |
|-------------------------------|----------------------------|

Description:

Slot B106, no tar-like material seeps observed, looking north.

Lat: 29.7841194
Long: - 95.3209306



| | |
|-------------------------------|----------------------------|
| Photo No. 20 | Date: 02/27/2020 |
|-------------------------------|----------------------------|

Description:

Slot B107, view of NAPL Collection System (Sump 107/108 in foreground). No tar-like material seeps observed, looking north.

Lat: 29.7841028
Long: - 95.3209611





PHOTOGRAPHIC LOG

| | | |
|---|---|---------------------------------|
| Client Name: Union Pacific Railroad | Site Location: Englewood Houston, Texas | Project No.: 19119232 |
|---|---|---------------------------------|

| | |
|--|----------------------------|
| Photo No. 21 | Date: 02/27/2020 |
| Description Sump B099/B100, two inches of freeboard in sump, no sheen or odors noted. Lat: 29.7844000 Long: - 95.3205861 | |



| | |
|--|----------------------------|
| Photo No. 22 | Date: 02/27/2020 |
| Description: Sump B103/B104, 42 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. 23 | Date: 02/27/2020 |
| Description: Slot B100-B109, NAPL Collection System and frac tank in the foreground. Lat: 29.7842472 Long: - 95.3206944 | |



| | |
|---|----------------------------|
| Photo No. 24 | Date: 02/27/2020 |
| Description: Slot B109, no tar-like material seeps observed, looking north. Lat: 29.7840889 Long: - 95.3210306 | |



ATTACHMENT B

**Waste Manifests –
Recovered Fluids from Sumps,
Disposal on February 19, 2020**

WR# 22943
Profile # 427044

151674

NON-HAZARDOUS WASTE MANIFEST

GENERATOR

Company and Location Union Pacific Railroad

Address 6405 Wallisville City / State / Zip Houston TX 77020

EPA ID# _____ TCEQ Generator# _____

Type of Waste: LES Waste Code 0427044

Grease Trap Capacity of Waste Facility 5000 Gallons

Grit Trap Quantity of Waste Removed 5000 Gallons

Lint Trap

Other (Describe) Inspection storm water

0700
0730

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 _____ 2/19/20
Generator Authorized Agent Name (PRINTED) Signature Shipment Date

TRANSPORTER

NRE _____ 1700 North E Street (281) 867-9131
Company Name Address Phone Number

04291
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

2010
City Permit #

7116
Truck #

MARCUS JOHNSON
Driver Name (Printed)

JAB6JV
License Plate #

Driver Signature

2/19/20
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

Permit # 2234D

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

2/19/20
Delivery Date

ICR # 2143
Permit # 427044

151674

NON-HAZARDOUS WASTE MANIFEST

GENERATOR

Company and Location Union Pacific Railroad

Address 6405 Westhollow City / State / Zip Houston TX 77060

EPA ID# _____ TCEQ Generator# _____

Type of Waste: LES Waste Code 427044

Grease Trap Capacity of Waste Facility _____

Grit Trap Quantity of Waste Removed 5.0 Gallons

Lint Trap

Other (Describe) Tramp 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.

Generator Authorized Agent Name (PRINTED) _____

Signature _____

Shipment Date 2/19/20

TRANSPORTER

Company Name NIR

Address 1700 North E Street

Phone Number 281-827-9111

TCEQ Transporter # 24691

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

City Permit # 2010

Truck # 7116

Driver Name (Printed) Marcus Johnson

License Plate # JAB6JV

Driver Signature _____

Delivery Date 2/19/20

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

Permit # 2234D

Signature EPJ

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

Delivery Date 2/19/20

UIC # 214
Permit # 427044

151674

NON-HAZARDOUS WASTE MANIFEST

GENERATOR

Company and Location Liquid Environmental Solutions of Texas

Address 6905 North Loop West City / State / Zip Houston, TX 77042

EPA ID# _____ TCEQ Generator# _____

Type of Waste: LES Waste Code

| | | | | |
|---|---|---|---|---|
| 4 | 2 | 7 | 4 | 4 |
|---|---|---|---|---|

Grease Trap Capacity of Waste Facility _____

Grit Trap Quantity of Waste Removed 5.2 Gallons

Lint Trap

Other (Describe) Test 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.

Generator Authorized Agent Name (PRINTED) _____ Signature _____ Shipment Date _____

TRANSPORTER

Company Name _____ Address _____ Phone Number _____

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

City Permit # _____ Driver Name (Printed) Marcus Johnson

Truck # _____ Driver Signature _____ Delivery Date 2/19/20

License Plate # JAB6JV Driver Signature _____ 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.

Signature [Signature] Delivery Date 2/19/20
Liquid Environmental Solutions of Texas, LLC
250 Gellhorn Dr.
Houston, TX 77013
(713) 671-4800
TCEQ Permit #2234D

LIQUID ENVIRONMENTAL SOLUTIONS OF TEXAS, LP

250 GELLHORN DRIVE
HOUSTON, TX 77013



CERTIFICATE OF DISPOSAL

Date Received: Wednesday, February 19, 2020

Time Received: 10:12 AM

1st load

Receiving #

1162620

Services For

UNION PACIFIC RAILROAD
5500 WALLISVILLE ROAD
HOUSTON, TX 77020

Billing Information

NRC
1700 NORTH E STREET
LA PORTE, TX 77571

TEMP29884

Transporter

NRC/SWS ENVIRONMENTAL SVCS - HOU

Facility

LES - HOUSTON

PO #

Notes

| Service Description | Manifest # | Profile # | QTY | U of M |
|---------------------|------------|-----------|-------|--------|
| Class II | 151674 | 427044 | 5,000 | |

Total Received:

5,000

Driver Name: MARCUS

Signature 

Receiving #

1162620

WR# 22943
Poll # 427044

151675

NON-HAZARDOUS WASTE MANIFEST

GENERATOR

Company and Location Union Pacific Rail Road
Address 6405 Wallisville City / State / Zip Houston TX 77020

EPA ID# _____ TCEQ Generator# _____

Type of Waste: LES Waste Code 0427044
Grease Trap Capacity of Waste Facility 5000 Gallons
Grit Trap Quantity of Waste Removed 5000 Gallons
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 2/19/20 Shipment Date

TRANSPORTER

NKC Company Name 1700 North St Address (281) 867-9131 Phone Number

24291 TCEQ Transporter #
2010 City Permit #
7110 Truck #
JA36JV License Plate #

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

Marcus Johnson Driver Name (Printed) [Signature] Driver Signature 2/19/20 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.

[Signature] Signature 2/19/20 Delivery Date
Liquid Environmental Solutions of Texas, LLC
250 Gellhorn Dr.
Houston, TX 77013
(713) 671-4800
TCEQ Permit #2234D

- WRT 22943
Hullitt 427044

151675

NON-HAZARDOUS WASTE MANIFEST

GENERATOR

Company and Location Union Tank & Oil Bond

Address 405 Wallisville City / State / Zip Houston TX 77020

EPA ID# _____ TCEQ Generator# _____

Type of Waste: LES Waste Code 427044

Grease Trap Capacity of Waste Facility 5000 Gallons

Grit Trap Quantity of Waste Removed 5000 Gallons

Lint Trap

Other (Describe) 5000 Gallons 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.

Matthew Sullivan _____ [Signature] _____ 2/19/20

Generator Authorized Agent Name (PRINTED) Signature Shipment Date

TRANSPORTER

NKE _____ 1700 Northwest _____ (281) 867-9131

Company Name Address Phone Number

24291 _____

TCEQ Transporter #

2010 _____

City Permit #

7110 _____

Truck #

JA36JV _____

License Plate #

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

Matthew Johnson _____ [Signature] _____ 2/19/20

Driver Name (Printed) Driver Signature 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.

[Signature] _____ 2/19/20

Signature Delivery Date

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

151675

NON-HAZARDOUS WASTE MANIFEST

GENERATOR

Company and Location Whimsy Tech Central Road

Address 405 Willowville City / State / Zip Houston TX 77000

EPA ID# _____ TCEQ Generator# _____

Type of Waste: LES Waste Code

| | | | | | |
|---|---|---|---|---|---|
| 4 | 2 | 7 | 2 | 9 | 7 |
|---|---|---|---|---|---|

Grease Trap Capacity of Waste Facility 5000 Gallons

Grit Trap Quantity of Waste Removed 2000 Gallons

Lint Trap

Other (Describe) Flammable liquid

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.

Generator Authorized Agent Name (PRINTED) _____

Signature _____

Shipment Date 2/19/20

TRANSPORTER

Company Name NKE

Address 1700 N. I-10 St

Phone Number (713) 817-9121

TCEQ Transporter # 34091

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.

City Permit # 210

Truck # 7110

Driver Name (Printed) Marcus Shuman

License Plate # JA36JV

Driver Signature _____

Delivery Date 2/19/20

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, LLC
250 Gellhorn Dr.
Houston, TX 77013
(713) 671-4800
TCEQ Permit #2234D

Permit # 2234D

Signature _____

Delivery Date 2/19/20

White - Generator

Green - Governmental Unit

Yellow - Generator Return

Pink - Transporter

Gold - Disposer

LIQUID ENVIRONMENTAL SOLUTIONS OF TEXAS, LP

250 GELLHORN DRIVE
HOUSTON, TX 77013



CERTIFICATE OF DISPOSAL

Date Received: Wednesday, February 19, 2020

Time Received: 1:05 PM

2nd load

Receiving #
1162642

Services For

UNION PACIFIC RAILROAD
5500 WALLISVILLE ROAD
HOUSTON, TX 77020

Billing Information

NRC
1700 NORTH E STREET
LA PORTE, TX 77571

TEMP29884

Transporter

NRC/SWS ENVIRONMENTAL SVCS - HOU

Facility

LES - HOUSTON

PO #

Notes

| Service Description | Manifest # | Profile # | QTY | U of M |
|---------------------|------------|-----------|-------|--------|
| Class II | 151675 | 427044 | 5,000 | |

Total Received:

5,000

Driver Name: MARCUS

Signature 

Receiving #
1162642

WR# 22943
Profile# 427044

3rd load

151716

NON-HAZARDOUS WASTE MANIFEST

GENERATOR

Company and Location Union Electric Tail Loop
Address 6405 Wallisville City / State / Zip Houston TX 77020

EPA ID# _____ TCEQ Generator# _____

Type of Waste: LES Waste Code 0427044

Grease Trap Capacity of Waste Facility 3500 Gallons
Grit Trap Quantity of Waste Removed 3500 Gallons
Lint Trap
Other (Describe)

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 [Signature] 2/19/20
Generator Authorized Agent Name (PRINTED) Signature Shipment Date

TRANSPORTER

IVRC 1700 North East 28679131
Company Name Address Phone Number

24291
TCEQ Transporter #

2010
City Permit #

7116
Truck #

JA36JV
License Plate #

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

Marcus Johnson [Signature] 2/19/20
Driver Name (Printed) Driver Signature Delivery Date

DESTINATION

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

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

Kevin Zander [Signature] 02/19/20
Signature Delivery Date

W/R# 22943
Hof. # 407044

3rd load

151716

NON-HAZARDOUS WASTE MANIFEST

GENERATOR

Company and Location Union Medical Tail Coat

Address 6405 Wallisville City / State / Zip Houston TX 77020

EPA ID# _____ TCEQ Generator# _____

Type of Waste: LES Waste Code 099-044

Grease Trap Capacity of Waste Facility 3500 Gallons

Grit Trap Quantity of Waste Removed 3500 Gallons

Lint Trap

Other (Describe)

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 2/19/20 Shipment Date

TRANSPORTER

MKC Company Name 1700 North St Address (2) 867-9131 Phone Number

24891 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

2010 City Permit #

7116 Truck #

Marcus Johnson Driver Name (Printed)

JA36JV License Plate #

[Signature] Driver Signature

2/19/20 Delivery Date

DESTINATION

Site Name Liquid Environmental Solutions of Texas, LP

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

**250 Gellhorn Dr.
Houston, TX 77013
(713) 671-4800**

Address 250 Gellhorn Dr., Houston, TX 77013

TCEQ Permit #2234D

Permit # 2234D

Kevin Zamora Signature

2/19/20 Delivery Date

W# 22943
Ref # 407049

151716

NON-HAZARDOUS WASTE MANIFEST

GENERATOR

Company and Location Union Carbide Corp

Address 465 Wallingville City / State / Zip Houston TX 77020

EPA ID# _____ TCEQ Generator# _____

Type of Waste: LES Waste Code

| | | | | | |
|---|---|---|---|---|---|
| 4 | 1 | 1 | 1 | 1 | 1 |
|---|---|---|---|---|---|

Grease Trap Capacity of Waste Facility _____

Grit Trap Quantity of Waste Removed _____

Lint Trap

Other (Describe)

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.

Generator Authorized Agent Name (PRINTED) _____ Signature _____ Shipment Date 2/19/20

TRANSPORTER

Company Name NKC Address 1700 N. K. St Phone Number (713) 867-9131

TCEQ Transporter # _____ 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

Truck # _____ Driver Name (Printed) Manoel Thomas

License Plate # JTB6JV Driver Signature _____ Delivery Date 2/19/20

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 at this facility and to the best of my knowledge and belief is true and accurate.

Liquid Environmental Solutions
Houston, TX 77013
(713) 671-4800
TCEQ Permit #2234D

Signature _____ Delivery Date 2/19/20

151716

NON-HAZARDOUS WASTE MANIFEST

GENERATOR

Company and Location 10014...

Address 4502 Wall St City / State / Zip Houston TX 77013

EPA ID# _____ TCEQ Generator# _____

Type of Waste: LES Waste Code

| | | | | | |
|---|---|---|---|---|---|
| 2 | 4 | 1 | 1 | 1 | 1 |
|---|---|---|---|---|---|

Grease Trap Capacity of Waste Facility _____

Grit Trap Quantity of Waste Removed _____

Lint Trap

Other (Describe)

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.

Generator Authorized Agent Name (PRINTED) _____ Signature _____ Shipment Date 1/15/20

TRANSPORTER

Company Name MKC Address 1720 N. Loop SE Phone Number (713) 797-9131

TCEQ Transporter # _____ 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.

Truck # 7116 Driver Name (Printed) Morgan Thomas

License Plate # TA36TV Driver Signature _____ Delivery Date 1/15/20

DESTINATION

Site Name Liquid Environmental Solutions of Texas, LP

Phone # 713-671-4800

Address 250 Gellhorn Dr., Houston, TX 77013

Permit # 2234D Signature _____ Delivery Date 1/15/20

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

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

LIQUID ENVIRONMENTAL SOLUTIONS OF TEXAS, LP

250 GELLHORN DRIVE
HOUSTON, TX 77013



CERTIFICATE OF DISPOSAL

Date Received: Wednesday, February 19, 2020

Receiving #

Time Received: 3:24 PM

1162657

Services For

UNION PACIFIC RAILROAD
5500 WALLISVILLE ROAD
HOUSTON, TX 77020

Billing Information

NRC
1700 NORTH E STREET
LA PORTE, TX 77571

TEMP29884

Transporter

NRC/SWS ENVIRONMENTAL SVCS - HOU

Facility

LES - HOUSTON

PO #

Notes

| Service Description | Manifest # | Profile # | QTY | U of M |
|---------------------|------------|-----------|-------|--------|
| Class II | 151716 | 427044 | 3,500 | |

Total Received:

3,500

Driver Name: MARCUS

Signature 

Receiving #

1162657