

Executive Summary	Page 1 of 4	
	ID No. SWR No. 31547	Report Date: 08/20/20 – Rev 2

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY Response Action Completion Report

Cover Page

Regulatory ID number (Solid waste registration number, VCP ID number, etc) SWR No. 31547
 check one: Initial RACR submittal for this on-site property Subsequent RACR submittal
 Report date: August 20, 2020 – Rev 2 TCEQ Region No.: 12

TCEQ Program (check one)

Corrective Action (Mail Code 127) Superfund PRP Lead (Mail Code 143)
 Voluntary Cleanup Program (Mail Code 221) Municipal Solid Waste Permits (Mail Code 124)
 Petroleum Storage Tank Program (Mail Code 137)

On-Site Property Information

On-Site Property Name: Union Pacific Railroad Houston Wood Preserving Works Site
 Street no. 4910 Pre dir: Street name Liberty Street type: Road Post dir:
 City: Houston County: Harris County Code: 101 Zip: 77007
 Nearest street intersection or location description: Site is located south of Liberty Rd. between Kashmere St. and Lockwood St, and north of Lee St.

Latitude: Decimal Degrees (circle one) North 29.787413
 Longitude: Decimal Degrees (circle one) West 95.321062

Off-Site Affected Property Information

Off-Site Affected Property Name:
 Street no. Pre dir: Street name: Street type: Post dir:
 City: County: County Code: Zip:
 Check if there are no off-site properties affected

Contact Person Information and Acknowledgement

Person (or company) Name: Union Pacific Railroad
 Contact Person: Kevin Peterburs Title: Manager, Site Remediation
 Mailing Address: 4823 N 119th Street
 City: Milwaukee State: TX Zip: 53225 E-mail address kipeterb@UP.COM
 Phone: 414-267-4164 Fax: 402-233-2351

By my signature below, I acknowledge the requirement of §350.2(a) that no person shall submit information to the executive director or to parties who are required to be provided information under this chapter which they know or reasonably should have known to be false or intentionally misleading, or fail to submit available information which is critical to the understanding of the matter at hand or to the basis of critical decisions which reasonably would have been influenced by that information. Violation of this rule may subject a person to the imposition of civil, criminal, or administrative penalties.

Signature of Person  Name, print: Kevin Peterburs Date: 8/26/2020

Executive Summary	Page 4 of 4	
	ID No. SWR No. 31547	Report Date: 08/20/20 – Rev 2

excavation of the top 9-inches (consolidated within the on-site soil-capped area) and construction of a physical barrier (concrete sidewalk) preventing contact with remaining surface soils and limiting infiltration. After the soils were excavated, UPRR constructed a concrete sidewalk approximately 8 feet wide and 690 feet long serving as the physical barrier covering the remaining surface soil PCLE zone within the City of Houston ROW. As part of the post-response action care detailed in the RAP (PBW, 2015), the concrete sidewalk will be inspected to ensure the physical barrier provides protection for residential receptors against exposure to the COCs above cPCLs in surface soils in this area.

- Englewood Intermodal Yard area: The surface soil PCLE zone in the Intermodal Yard area is currently covered with a physical barrier (concrete pavement), preventing contact with the soil PCLE Zone and infiltration. As part of the post-response action care, the concrete pavement in the area of the surface soil PCLE Zone will be inspected to ensure continued on-site worker protection.
- UPRR Main Lines Ballast Area: The area between the former HWPW operational areas and the Englewood Intermodal Yard (approximately 100 feet width) is covered with railroad ballast, ties, and rail. UPRR will use the existing railroad ballast as an engineering control for preventing on-site worker exposure to impacted surface soils in this area.

The physical controls at the Site will be maintained and appropriate maintenance, repair of the caps will be performed as needed. UPRR will implement a health and safety program to restrict any construction activity within the capped areas. In the event construction activities are necessary, a health and safety plan and soil management plan will be implemented to ensure worker protection and proper management of soils with COCs above cPCLs.

Checklist for Report Completeness

Use this checklist to determine the portions of the form that must be submitted for this report. Answer all questions by checking Yes or No. If the answer is Yes include that portion of the report. If the answer is No, do not complete or submit that portion of the report. All form contents that are marked "Required" must be submitted. Form contents marked with an asterisk (*) are not included in the blank form and are to be provided by the person.

Report Contents

	Required		Cover Page	<input checked="" type="checkbox"/>
	Required		Executive Summary	<input checked="" type="checkbox"/>
	Required		Checklist for Report Completeness	<input checked="" type="checkbox"/>
	Required		Worksheet 1.0 Confirmation of Response Action Objectives	<input checked="" type="checkbox"/>
	Required		Attachment 1A* Maps and Cross Sections	<input checked="" type="checkbox"/>
	Required		Attachment 1B* Graphs	<input type="checkbox"/>
	Required		Attachment 1C* Response Action Diagrams	<input type="checkbox"/>
No <input type="checkbox"/>		<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">Was a plume management zone used as part of the response action?</div> <p style="margin: 0;"><i>Details provided in the Response Action Plan, Revision 5 – August 31, 2020</i></p>	<input checked="" type="checkbox"/> Yes → <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">Worksheet 2.0 Plume Management Zone</div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">Attachment 2A* Map of Plume Management Zone</div>	<input type="checkbox"/> <input type="checkbox"/>
No <input checked="" type="checkbox"/>		<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">Was an area of technical impracticability approved for use as part of the response action?</div>	<input type="checkbox"/> Yes → <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">Worksheet 3.0 Technical Impracticability</div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">Attachment 3A* Map of Technical Impracticability Area</div>	<input type="checkbox"/> <input type="checkbox"/>
No <input type="checkbox"/>		<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">Were institutional controls used or required as part of the response action?</div>	<input checked="" type="checkbox"/> Yes → <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">Worksheet 4.0 Institutional Controls</div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">Worksheet 5.0 Performance Measures and Problems</div>	<input checked="" type="checkbox"/> <input type="checkbox"/>
No <input type="checkbox"/>		<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">Did the response action require any operation and maintenance activities?</div>	<input checked="" type="checkbox"/> Yes → <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">Worksheet 6.0 Operation and Maintenance</div>	<input type="checkbox"/>
No <input checked="" type="checkbox"/>		<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">Has there been any change to the plans for post-response action care from that submitted in the RAP?</div>	<input type="checkbox"/> Yes → <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">Worksheet 7.0 Post-Response Action Care</div>	<input type="checkbox"/>
No <input checked="" type="checkbox"/>		<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">Was any information for this report obtained from outside sources?</div>	<input type="checkbox"/> Yes → <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">Appendix 1* References</div>	<input type="checkbox"/>
No <input checked="" type="checkbox"/>		<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">Was an ESA and/or Compensatory Restoration used as part of the response action?</div>	<input type="checkbox"/> Yes → <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">Appendix 2* ESA and Compensatory Restoration</div>	<input type="checkbox"/>
No <input type="checkbox"/>		<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">Were institutional controls or landowner concurrence required in the response action?</div>	<input checked="" type="checkbox"/> Yes → Reserved	<input type="checkbox"/>

APPENDIX 3

INSTITUTIONAL CONTROLS AND LANDOWNER CONCURRENCE

RESERVED