

FAA CATEGORICAL EXCLUSION FORMS AND ATTACHMENTS

GEORGE BUSH INTERCONTINENTAL AIRPORT (IAH)
REHABILITATION AND UPGRADE TAXIWAYS SA-SB PROJECT
HOUSTON, HARRIS COUNTY, TEXAS 77032

HAS PROJECT #646A

MARCH 2023

Prepared By:



HOUSTON AIRPORT SYSTEM
Houston Airport System
16930 John F Kennedy Blvd
Houston, Texas 77032



Freese & Nichols, Inc.
10497 Town & Country Way, Suite 500
Houston, Texas 77024



CYPRESS
ENVIRONMENTAL
CONSULTING
Cypress Environmental Consulting LLC
10605 Grant Road, Suite 106
Houston, Texas 77070

APPENDIX A. DOCUMENTED CATEX

Airport sponsors may use this form for projects eligible for a categorical exclusion (CATEX) that have greater potential for extraordinary circumstances or that otherwise require additional documentation, as described in the Environmental Orders (FAA Order 1050.1F and FAA Order 5050.4B).

To request a CATEX determination from the FAA, the sponsor should review potentially affected environmental resources, review the requirements of the applicable special purpose laws, and **consult with the Airports District Office or Regional Airports Division Office staff** about the type of information needed. The form and supporting documentation should be completed in accordance with the provisions of FAA Order 5050.4B, paragraph 302b, and submitted to the appropriate FAA Airports District/Division Office. The CATEX cannot be approved until all information/documentation is received and all requirements have been fulfilled.

Name of Airport, LOC ID, and location:

George Bush Intercontinental Airport, IAH

Lat/Long: 29.979031°N, 95.319206°W

From city: 15 miles N of Houston, Texas

Time zone: UTC-6 (UTC-5 during Daylight Savings Time)

ZIP code: 77396

Project Title:

Rehabilitation and Upgrade Taxiways SA-SB

HAS Project No. 646A

Give a brief, but complete description of the proposed project, including all project components, justification, estimated start date, and duration of the project. Include connected actions necessary to implement the proposed project (including but not limited to moving NAVAIDs, change in flight procedures, haul routes, new material or expanded material sources, staging or disposal areas). Attach a sketch or plan of the proposed project. Photos can also be helpful.

Houston Airport System (HAS) is planning to rehabilitate and upgrade Taxiways SA-SB at George Bush Intercontinental Airport (IAH), located at the South Complex Runways 9 through 27, due to aging, distressed panels, and damaged pavement. The rehabilitation and upgrade would entail milling and overlaying of existing asphalt for both taxiways and shoulder pavement, asphalt shoulder widening and construction, and associated replacement of taxiway lights, new airfield guidance signs, and drainage improvements to accommodate widened shoulders. Rehabilitation of the Taxiways SA-SB would improve safety on the taxiways.

Actions performed for this project would include 2 to 5 inches of milling and 3 to 6 inches of overlay of the existing asphalt taxiway pavement, 1 inch milling and 2 inches of overlay of the existing asphalt shoulder pavement, full depth asphalt construction for asphalt shoulder widening, concrete panel replacement of identified taxiway slabs, concrete pavement cracks and partial depth repairs, as directed, replacement of taxiway edge and centerline lights,

installation of new airfield guidance signs, and drainage improvements to accommodate widened shoulders.

The project has an anticipated construction start date of October 2023 and has an expected duration of approximately one year. Access and haul routes will be laid out in the overall phasing plan. Contractors and workers will adhere to the general contract, safety, and security in place. Underground utilities exist within and adjacent to the project area. Prior to beginning any type of excavation operations, Airport Maintenance and the local utility company will be contacted to make arrangements for the the location of the utilities on the ground. All utility location markings will be maintained until no longer necessary.

Figures for the proposed project are provided in Attachment 1.

Give a brief, but complete, description of the proposed project area. Include any unique or natural features within or surrounding airport property.

The project area includes approximately 184.4-acres of existing taxiways located southeast of Terminal C at the IAH airport. The project area is centered at the approximate coordinates of 29.979031°N, 95.319206°W. Eleven maintained grass-covered islands with two stormwater drainage ditches separate the taxiways.

Identify the appropriate CATEX paragraph(s) from Order 1050.1F (paragraph 5-6.1 through 5-6.6) or 5050.4B (Tables 6-1 and 6-2) that apply to the project. Describe if the project differs in any way from the specific language of the CATEX or examples given as described in the Order.

This project is classified under FAA Order 1050.1F (paragraph 5-6.4.e):

Federal financial assistance, licensing, or Airport Layout Plan (ALP) approval for the following actions, provided the action would not result in significant erosion or sedimentation, and will not result in a significant noise increase over noise sensitive areas or result in significant impacts on air quality.

-Construction, repair, reconstruction, resurfacing, extending, strengthening, or widening of a taxiway, apron, loading ramp, or runway safety area (RSA), including an RSA using Engineered Material Arresting System (EMAS); or

-Reconstruction, resurfacing, extending, strengthening, or widening of an existing runway.

The rehabilitation project includes repair, reconstruction, resurfacing, strengthening, and widening of Taxiways SA and SB through milling and overlaying pavement and shoulder improvements operations.

The circumstances one must consider when documenting a CATEX are listed below along with each of the impact categories related to the circumstance. Use FAA Environmental Orders 1050.1F, 5050.4B, and the Desk Reference for Airports Actions, as well as other guidance documents to assist you in determining what information needs to be provided about these resource topics to address potential impacts. Keep in mind that both construction and operational impacts must be included. Indicate whether or not there would be any effects under the particular resource topic and, **if needed**, cite available references to support these conclusions. Additional analyses and inventories can be attached or cited as needed.

5-2.b(1) National Historic Preservation Act (NHPA) resources

	YES	NO
<p>Are there historic/cultural resources listed (or eligible for listing) on the National Register of Historic Places located in the Area of Potential Effect? If yes, provide a record of the historic and/or cultural resources located therein and check with your local Airports Division/District Office to determine if a Section 106 finding is required.</p> <p>Taxiways SA-SB were constructed in the mid-1980s and are not historic-age. However, for the purposes of this review, an Area of Potential Effect (APE) has been established. The APE includes the project area which is comprised of land within the airport property boundary. A cultural resources file review was conducted by a Cypress Environmental Consulting Registered Professional Archeologist utilizing the Texas Historical Commission Historic Sites Atlas (THC Atlas) in order to identify any previously-identified historic resources including cemeteries, historic-age properties listed on or eligible for the National Register of Historic Places (NRHP) and/or designation as a State Antiquities Landmark (SAL), Neighborhood Survey properties, Recorded Texas Historic Landmarks (RTHL), and Official Texas Historical Markers (OTHM). Historic aerial photographs and maps were also reviewed. The record search indicated that no previously identified historic resources are located within the APE. The Cultural Resource documentation is included in Attachment 2.</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<p>Does the project have the potential to cause effects? If yes, describe the nature and extent of the effects.</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<p>Is the project area undisturbed? If not, provide information on the prior disturbance (including type and depth of disturbance, if available)</p> <p>The entire project area experienced significant disturbance from construction of the Taxiways in the 1980s and there has been a continuation of maintenance since that time.</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<p>Will the project impact tribal land or land of interest to tribes? If yes, describe the nature and extent of the effects and provide information on the tribe affected. Consultation with their THPO or a tribal representative along with the SHPO may be required.</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

5-2.b(2) Department of Transportation Act Section 4(f) and 6(f) resources

	YES	NO
<p>Are there any properties protected under Section 4(f) (as defined by FAA Order 1050.1F) in or near the project area? This includes publicly owned parks, recreation areas, and wildlife or waterfowl refuges of national, state or local significance or land from a historic site of national, state or local significance.</p> <p>No publicly owned parks, recreation areas, or wildlife/waterfowl refuges of significance or land from a historic site is present within or near the project area.</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<p>Will project construction or operation physically or constructively “use” any Section 4(f) resource? If yes, describe the nature and extent of the use and/or impacts, and why there are no prudent and feasible alternatives. See 5050.4B Desk Reference Chapter 7.</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<p>Will the project affect any recreational or park land purchased with Section 6(f) Land and Water Conservation Funds? If so, please explain, if there will be impacts to those properties.</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

5-2.b(3) Threatened or Endangered Species

	YES	NO
<p>Are there any federal or state listed endangered, threatened, or candidate species or designated critical habitat in or near the project area? This includes species protected by individual statute, such as the Bald Eagle.</p> <p>The United States Fish and Wildlife Service (USFWS) Information for Planning Consultation (IPaC) report for the project was completed on November 11, 2022 (Attachment 3). The IPAC lists six species that have the potential to occur in the project area. However, there is no suitable habitat available for any listed species within the project area. Therefore, the project will have No Effect on any federally listed species.</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

	YES	NO
<p>Does the project affect or have the potential to affect, directly or indirectly, any federal or state-listed, threatened, endangered or candidate species, or designated habitat under the Endangered Species Act? If yes, Section 7 consultation between the FAA and the US Fish & Wildlife Service, National Marine Fisheries Service, and/or the appropriate state agency will be necessary. Provide a description of the impacts and how impacts will be avoided, minimized, or mitigated. Provide the Biological Assessment and Biological Opinion, if required.</p> <p>The USFWS IPaC report for the project was completed on November 11, 2022. The report provided an official species list for the project area. The six species on the list are only considered under Wind Energy Projects or do not have suitable habitat present in the project area. In addition, no critical habitat for any species is located within the project area. The project will have No Effect on any listed or candidate species or critical habitat.</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<p>Does the project have the potential to take birds protected by the Migratory Bird Treaty Act? Describe steps to avoid, minimize, or mitigate impacts (such as timing windows determined in consultation with the US Fish & Wildlife Service).</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

5-2.b (4) Other Resources

Items to consider include:

a. Fish and Wildlife Coordination Act	YES	NO
Does the project area contain resources protected by the Fish and Wildlife Coordination Act? If yes, describe any impacts and steps taken to avoid, minimize, or mitigate impacts.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. Wetlands and Other Waters of the U.S.	YES	NO
Are there any wetlands or other waters of the U.S. in or near the project area?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

<p>Has wetland delineation been completed within the proposed project area? If yes, please provide U.S. Army Corps of Engineers (USACE) correspondence and jurisdictional determination. If delineation was not completed, was a field check done to confirm the presence/absence of wetlands or other waters of the U.S.? If no to both, please explain what methods were used to determine the presence/absence of wetlands.</p> <p>A desktop evaluation and site visit on October 21, 2022 to review the project area for any potential wetlands or other waterbodies are located within the project area. Data was reviewed from the U.S. Geological Survey (USGS) topographic maps, USFWS National Wetland Inventory (NWI) maps, U.S. Department of Agriculture Natural Resources Conservation Service (NRCS) Soil Surveys, Federal Emergency Management Agency (FEMA) floodplain maps, and historical imagery. No wetlands or waters of the U.S. were identified in the project area.</p> <p>The project area is currently developed with two taxiways separated by 11 maintained grass-covered medians. Two stormwater drainage ditches were identified within the project area during the field investigation. One is located north of Taxiway SA and the second ditch is located between Taxiway SA and SB. According to a review of available information, these ditches are depicted on both the USGS topographic map as ditches and on the USFWS NWI map as excavated riverine features (R5UBFx). These ditches are man-made stormwater drainage ditches that were excavated when the taxiway was constructed in 1989 and are used to convey stormwater runoff from the adjacent taxiways. A review of the FEMA Flood Insurance Rate Map (FIRM) Panel Nos. 48201C0480M and 48201C0485M (effective 6/9/2014) indicate that the entire project area is located outside of any floodplains (within Zone X, areas of minimal flood hazard). These ditches are man-made, upland-cut, stormwater drainage ditches that would not be considered waters of the U.S. Attachment 4 includes figures of the project area and site photographs taken during the October 21, 2022 site visit. Historical aerial photographs reviewed for the project are included in Attachment 7, Appendix C.</p>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<p>If wetlands are present, will the project result in impacts, directly or indirectly (including tree clearing)? Describe any steps taken to avoid, minimize or mitigate the impact.</p> <p>No wetlands are present in the project area.</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<p>Is a USACE Clean Water Act Section 404 permit required? If yes, does the project fall within the parameters of a general permit? If so, which general permit?</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<p>c. Floodplains</p>	<p>YES</p>	<p>NO</p>
<p>Will the project be located in, encroach upon or otherwise impact a floodplain? If yes, describe impacts and any agency coordination or public review completed including</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

<p>coordination with the local floodplain administrator. Attach the FEMA map if applicable and any documentation.</p> <p>Based on a review of the FEMA Flood Insurance Rate Map Panel Nos. 48201C0480M and 48201C0485M (effective 6/9/2014), there are no floodplains in the project area. The entire project area is within Zone X, areas of minimal flood hazard (Attachment 4, Figure 6).</p>		
<p>d. Coastal Resources</p>	<p>YES</p>	<p>NO</p>
<p>Will the project occur in or impact a coastal zone as defined by the State’s Coastal Zone Management Plan? If yes, discuss the project’s consistency with the State’s CZMP. Attach the consistency determination if applicable.</p>	<p><input type="checkbox"/></p>	<p><input checked="" type="checkbox"/></p>
<p>Will the project occur in or impact the Coastal Barrier Resource System as defined by the US Fish and Wildlife Service?</p>	<p><input type="checkbox"/></p>	<p><input checked="" type="checkbox"/></p>
<p>e. National Marine Sanctuaries</p>	<p>YES</p>	<p>NO</p>
<p>Is a National Marine Sanctuary located in the project area? If yes, discuss the potential for the project to impact that resource.</p>	<p><input type="checkbox"/></p>	<p><input checked="" type="checkbox"/></p>
<p>f. Wilderness Areas</p>	<p>YES</p>	<p>NO</p>
<p>Is a Wilderness Area located in the project area? If yes, discuss the potential for the project to impact that resource.</p>	<p><input type="checkbox"/></p>	<p><input checked="" type="checkbox"/></p>
<p>g. Farmland</p>	<p>YES</p>	<p>NO</p>
<p>Is there prime, unique, state, or locally important farmland in/near the project area? Describe any significant impacts from the project.</p> <p>According to the USDA NRCS Web Soil Survey, the project area containing the SA-SB taxiways is comprised of "Urban land (URLX)" which is not designated as prime farmland under the Farmland Protection Policy Act. The high-speed exits at the northwestern end of the project area are within the Wockley fine sandy loam map unit which is designated as prime farmland; however, this portion of the project area is located within airport property on previously disturbed ground and is currently developed with concrete and upland grasslands; therefore, no impacts to prime farmland are anticipated as a result of this project (See Attachment 5).</p>	<p><input type="checkbox"/></p>	<p><input checked="" type="checkbox"/></p>

<p>Does the project include the acquisition and conversion of farmland? If farmland will be converted, describe coordination with the US Natural Resources Conservation and attach the completed Form AD-1006.</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<p>h. Energy Supply and Natural Resources</p>	<p>YES</p>	<p>NO</p>
<p>Will the project change energy requirements or use consumable natural resources either during construction or during operations?</p> <p>During the implementation of the proposed project, the use of natural resources would principally include construction materials, fuel, and water; however, consumption would be temporary and short-term and it would not result in resource shortages in the area. No known natural gas, geothermal, or other energy resources are anticipated to be impacted by the proposed project. There will be a temporary increase in fuel use for ground vehicles and construction equipment during construction. The use of consumables will return to previous quantities post construction.</p>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<p>Will the project change aircraft/vehicle traffic patterns that could alter fuel usage either during construction or operations?</p> <p>During construction only, aircraft and vehicle traffic patterns will be modified, and lengthened moderately to avoid the construction zones. The project will be constructed in phases, to minimize disruption to traffic patterns on the taxiways. The duration of each phase will be between 14 and 60 days. Only work during Phase 4 will require the closure of Runway 9-27; when this occurs, all pavement south of the Taxilane RA shall close and barricades shall be placed outside the Object Free Area of Taxilane RA indicating the closure of the Taxiways SC and SF bridges. The proposed phasing plan is presented in Attachment 8.</p>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<p>i. Wild and Scenic Rivers</p>	<p>YES</p>	<p>NO</p>
<p>Is there a river on the Nationwide Rivers Inventory, a designated river in the National System, or river under State jurisdiction (including study or eligible segments) near the project?</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<p>Will the project directly or indirectly affect the river or an area within ¼ mile of its ordinary high water mark?</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

j. Solid Waste Management	YES	NO
<p>Does the project (either the construction activity or the completed, operational facility) have the potential to generate significant levels of solid waste? If so, discuss how these will be managed.</p> <p>Solid waste management during construction will be a significant aspect of the contractors' work effort and will include oversight by airport management. Licensed and insured operators and transporters will be established as well as storage/staging areas, truck haul routes, and haul timelines.</p>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

5-2.b(5) Disruption of an Established Community

	YES	NO
<p>Will the project disrupt a community, planned development or be inconsistent with plans or goals of the community?</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<p>Are residents or businesses being relocated as part of the project?</p> <p>There are no displacements or new right-of-way (ROW) required for the project.</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

5-2.b(6) Environmental Justice

	YES	NO
<p>Are there minority and/or low-income populations in/near the project area?</p> <p>The project area is located within the existing airport and is not adjacent to or near minority and/or low-income populations.</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<p>Will the project cause any disproportionately high and adverse impacts to minority and/or low-income populations? Attach census data if warranted.</p> <p>The proposed project would result in no displacements, no fiscal impacts, and no disproportionate impacts to low-income or minority populations.</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

5-2.b(7) Surface Transportation

	YES	NO
<p>Will the project cause a significant increase in surface traffic congestion or cause a degradation of level of service provided?</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

YES NO

<p>Will the project require a permanent road relocation or closure? If yes, describe the nature and extent of the relocation or closure and indicate if coordination with the agency responsible for the road and emergency services has occurred.</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
--	--------------------------	-------------------------------------

5-2.b(8) Noise

YES NO

<p>Will the project result in an increase in aircraft operations, nighttime operations, or change aircraft fleet mix? The proposed taxiway improvements do not trigger a noise analysis because there will be no increase/change in operations.</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<p>Will the project cause a change in airfield configuration, runway use, or flight patterns either during construction or after the project is implemented? During construction only, aircraft and vehicle traffic patterns will be modified, and lengthened moderately to avoid the construction zones. The project will be constructed in phases, to minimize disruption to traffic patterns on the taxiways. The duration of each phase will be between 14 and 60 days. Only work during Phase 4 will require the closure of Runway 9-27; when this occurs, all pavement south of the Taxilane RA shall close and barricades shall be placed outside the Object Free Area of Taxilane RA indicating the closure of the Taxiways SC and SF bridges. The proposed phasing plan is presented in Attachment 8.</p>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<p>Does the forecast exceed 90,000 annual propeller operations, 700 annual jet operations or 10 daily helicopter operations or a combination of the above? If yes, a noise analysis may be required if the project would result in a change in operations.</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<p>Has a noise analysis been conducted, including but not limited to generated noise contours, a specific point analysis, area equivalent method analysis, or other screening method. If yes, provide that documentation.</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

	YES	NO
<p>Could the project have a significant impact (DNL 1.5 dB or greater increase) on noise levels over noise sensitive areas within the 65+ DNL noise contour?</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

5-2.b(9) Air Quality

	YES	NO
<p>Is the project located in a Clean Air Act non-attainment or maintenance area? IAH is located in Harris County, Texas within the USEPA designated Houston-Galveston-Brazoria (HGB) area. HGB is in nonattainment for the 2008 (severe) and 2015 (marginal) 8-hour Ozone (O3) standards. The County is in attainment for all other criteria pollutants.</p>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<p>If yes, is it listed as exempt, presumed to conform or will emissions (including construction emissions) from the project be below <i>de minimis</i> levels (provide the paragraph citation for the exemption or presumed to conform list below, if applicable) Is the project accounted for in the State Implementation Plan or specifically exempted? Attach documentation. Harris County is in nonattainment for the 2008 (severe) and 2015 (moderate) 8-hour Ozone (O3) standards. The County is in attainment for all other criteria pollutants. The de minimis threshold is 25 ton/year for NOx and VOC in accordance with the severe designation for 2008 Ozone (O3) standards effective November 7, 2022. Construction would occur from August 2023 to May 2024 and construction emissions from the proposed project would be below de minimis levels. The total estimated emissions for NOx and VOC were 7.3498 tpy and 0.8112 tpy, respectively. Construction emissions analysis and documentation is included in Attachment 6. The total estimated emissions are well below de minimis levels.</p>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<p>Does the project have the potential to increase landside or airside capacity, including an increase of surface vehicles? The proposed project would not increase airport airside or landside capacity. Aircraft operational levels would remain the same with and without the proposed project, and the proposed project would not result in changes in aircraft operating emissions.</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

	YES	NO
<p>Could the project impact air quality or violate local, State, Tribal or Federal air quality standards under the Clean Air Act Amendments of 1990 either during construction or operations?</p> <p>There would be a short-term, temporary increase in emissions at the airport from construction equipment during construction. Construction emissions would be below de minimis thresholds and therefore would not exceed air quality standards under the Clean Air Act. No permanent negative air quality impacts related to the proposed project are anticipated.</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

5-2.b (10) Water Quality

	YES	NO
<p>Are there water resources within or near the project area? These include groundwater, surface water (lakes, rivers, etc.), sole source aquifers, and public water supply. If yes, provide a description of the resource, including the location (distance from project site, etc.).</p> <p>There are no natural water resources located in the project area. The nearest surface water is Spring Creek, approximately 3 miles north of the project area. Lake Houston is approximately 11 miles east of the project area. This portion of IAH is located in the Greens Bayou Watershed and drains to the southwest. Two man-made, upland-cut stormwater drainage ditches are located within the project area; one north of Taxiway SA and one between Taxiways SA and SB which provide for stormwater drainage of the project area.</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<p>Will the project impact any of the identified water resources either during construction or operations? Describe any steps that will be taken to protect water resources during and after construction.</p> <p>The project will not impact any water resources.</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<p>Will the project increase the amount or rate of stormwater runoff either during construction or during operations? Describe any steps that will be taken to ensure it will not impact water quality.</p> <p>During construction, the project has the potential to increase stormwater sediment loads during rainfall events. An approved Stormwater Pollution Prevention Plan (SWPPP) will be located on-site during construction and will be updated as needed to insure the site is not causing impacts to water quality.</p> <p>Post-construction, the water quality will return to previous conditions or better once the damaged asphalt and concrete areas are repaired and sealed.</p>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

	YES	NO
Does the project have the potential to violate federal, state, tribal or local water quality standards established under the Clean Water and Safe Drinking Water Acts?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Are any water quality related permits required? If yes, list the appropriate permits. Texas Pollutant Discharge Elimination System (TPDES) Construction General Permit Number TXR150000 issued March 5, 2018, and modified January 28, 2022.	<input checked="" type="checkbox"/>	<input type="checkbox"/>

5-2.b(11) Highly Controversial on Environmental Grounds

	YES	NO
Is the project highly controversial? The term “highly controversial” means a substantial dispute exists as to the size, nature, or effect of a proposed federal action. The effects of an action are considered highly controversial when reasonable disagreement exists over the project’s risks of causing environmental harm. Mere opposition to a project is not sufficient to be considered highly controversial on environmental grounds. Opposition on environmental grounds by a federal, state, or local government agency or by a tribe or a substantial number of the persons affected by the action should be considered in determining whether or not reasonable disagreement exists regarding the effects of a proposed action.	<input type="checkbox"/>	<input checked="" type="checkbox"/>

5-2.b(12) Inconsistent with Federal, State, Tribal or Local Law

	YES	NO
Will the project be inconsistent with plans, goals, policy, zoning, or local controls that have been adopted for the area in which the airport is located?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Is the project incompatible with surrounding land uses? A map depicting the project area and surrounding area land use classifications from the City of Houston is provided in Attachment 1, Figure 5.	<input type="checkbox"/>	<input checked="" type="checkbox"/>

5-2 .b (13) Light Emissions, Visual Effects, and Hazardous Materials

a. Light Emissions and Visual Effects	YES	NO
Will the proposed project produce light emission impacts?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Will there be visual or aesthetic impacts as a result of the proposed project and/or have there been concerns expressed about visual/aesthetic impacts?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. Hazardous Materials	YES	NO
<p>Does the project involve or affect hazardous materials?</p> <p>The Taxiways SA-SB Rehabilitation project will be located in a previously developed and disturbed area within the airport and will require earthmoving activities. Therefore, it is possible that hazardous materials would be encountered during the construction process. A Hazardous Materials Review has been completed for the project and is provided as Attachment 7.</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<p>Will construction take place in an area that contains or previously contained hazardous materials?</p> <p>The Hazardous Materials Review completed for the project identified two pipelines at the eastern end of the project area: one Refined Liquid Product Transmission pipeline and one Highly Volatile Transmission pipeline. Measures will be taken to locate existing facilities and discover their depths to ensure that construction activities will not impact the pipelines; therefore, hazardous materials are not anticipated to be encountered during construction.</p>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<p>If the project involves land acquisition, is there a potential for this land to contain hazardous materials or contaminants?</p> <p>The project does not involve land acquisition.</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

<p>Will the proposed project produce hazardous and/or solid waste either during construction or after? If yes, how will the additional waste be handled?</p> <p>The Solid Waste Management Plan will be approved by the Houston Airport System prior to construction.</p> <p>The contractor will follow the approved Storm Water Pollution Prevention Plan (SWPPP) and the use of best management practices would avoid or minimize releases of hazardous materials and ensure proper response to any spills that may occur.</p> <p>In the event that unanticipated hazardous materials/substances be encountered during construction, the contractor would notify IAH representatives and steps would be taken to protect personnel and the environment. An unanticipated discovery plan would be in place in accordance with Federal, State, and local guidelines, should unanticipated hazardous materials be discovered during construction.</p> <p>The contractor would take appropriate measures to prevent, minimize, and control the spill of hazardous materials in the construction staging area. All construction materials used for the proposed project would be removed as soon as the work schedules permit. The contractor would initiate early regulatory agency coordination during project development.</p>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
--	-------------------------------------	--------------------------

5-2 .b (14) Public Involvement

	YES	NO
<p>Was there any public notification or involvement? If yes, provide documentation.</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

5-2 .b (15) Indirect/Secondary/Induced Impacts

	YES	NO
<p>Will the project result in indirect/secondary/induced impacts?</p> <p>The extent of this project is to repair existing taxiway areas and there will be no increase to the taxiway footprint. Therefore, indirect/secondary/induced impacts are not anticipated.</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<p>When considered with other past, present, and reasonably foreseeable future projects, on or off airport property and regardless of funding source, would the proposed project result in a significant cumulative impact?</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Permits

List any permits required for the proposed project that have not been previously discussed. Provide details on the status of permits.

N/A

Environmental Commitments

List all measures and commitments made to avoid, minimize, mitigate, and compensate for impacts on the environment, which are needed for this project to qualify for a CATEX.

Construction

Emissions and dust related to construction activities are anticipated to be minor and temporary. Dust control measures will be implemented per Houston Airport System requirements.

Hazardous Materials

If any soils are suspected of contamination during construction, appropriate measures will be taken to characterize and properly handle suspected contaminated soils. Soils with elevated levels of pollutants will be disposed of off-site in accordance with Federal and State regulations. If any soil or other material removed during construction are determined to be hazardous, the material would be disposed of at an appropriate hazardous waste disposal facility.

Stormwater Pollution Prevention Plan (SWPPP)

The contractor will be required to maintain documents that contain an erosion and sedimentation control plan, details, and specifications for the installation, maintenance, and removal of best management practices for the control of stormwater pollution caused by construction activities. The contractor will also be required to prepare a SWPPP and Notice of Intent (NOI) for submittal to the Texas Commission on Environmental Quality (TCEQ).

ARP SOP No. 5.1

Effective Date: June 2, 2017

Preparer Information

Point of Contact: Melissa Fontenot		
Address: 10605 Grant Road, Suite 106		
City: Houston	State: Texas	Zip Code: 77070
Phone: (281) 640-4475	Email Address: mfontenot@cypressec.com	

Signature: *Melissa Fontenot*

Date: March 21, 2023

Airport Sponsor Information and Certification (may not be delegated to consultant)

Provide contact information for the designated sponsor point of contact and any other individuals requiring notification of the FAA decision.

Point of Contact: Gary High, HAS Interim Chief Development Officer		
Address: 111 Standifer Street		
City: Humble	State: Texas	Zip Code: 77338
Phone Number: (713) 233-1987	Email Address: gary.high@houstontx.gov	
Additional Name(s): Kim Tourloukis, HAS Project Manager Karen Korir, HAS Director Planning and Capital Development	Additional Email Address(es): kim.tourloukis@houstontx.gov karen.korir@houstontx.gov	

I certify that the information I have provided above is, to the best of my knowledge, correct. I also recognize and agree that no construction activity, including but not limited to site preparation, demolition, or land disturbance, shall proceed for the above proposed project(s) until FAA issues a final environmental decision for the proposed project(s) and until compliance with all other applicable FAA approval actions (e.g., ALP approval, airspace approval, grant approval) has occurred.

Signature: *Gary High*
DocuSigned by:
515F6929CBC7443...

Date: 3/27/2023 | 8:17 CDT

FAA Decision

Having reviewed the above information, it is the FAA’s decision that the proposed project (s) or development warrants environmental processing as indicated below.

Name of Airport, LOC ID, and location:

George Bush Intercontinental Airport, IAH

Lat/Long: 29.979031°N, 95.319206°W

From city: 15 miles N of Houston, Texas

Time zone: UTC-6 (UTC-5 during Daylight Savings Time)

ZIP code: 77396

Project Title:

George Bush Intercontinental Airport

Rehabilitation and Upgrade Taxiways SA-SB

HAS Project 646A

No further NEPA review required. Project is categorically excluded per (cite applicable 1050.1.F CATEX that applies:)

..An Environmental Assessment (EA) is required.

..An Environmental Impact Statement (EIS) is required.

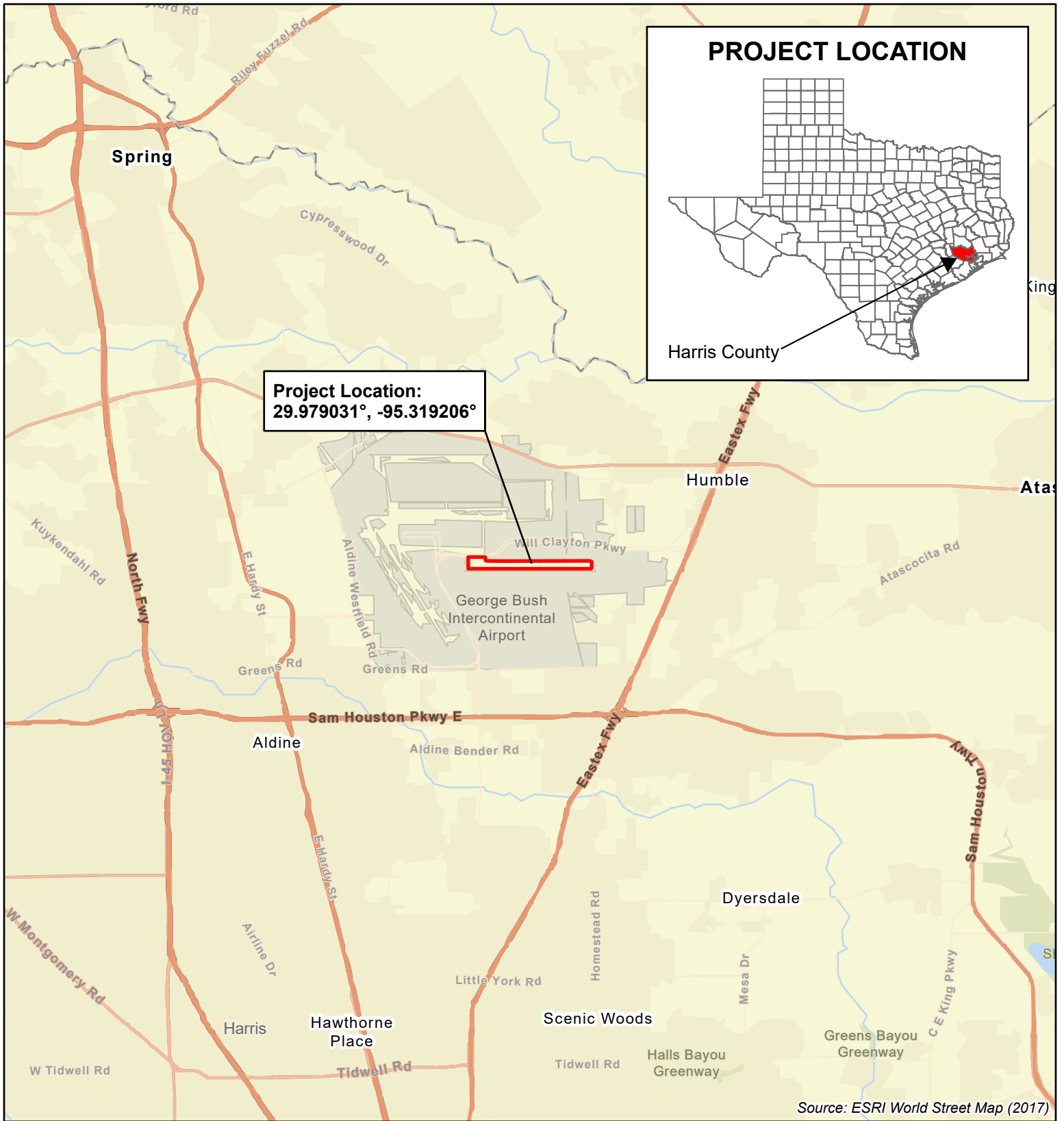
..The following additional documentation is necessary for FAA to perform a complete environmental evaluation of the proposed project.

Name: John MacFarlane
Responsible FAA Official

Title: Regional EPS, ASW

Signature: _____ Date:

Attachment 1
Figures



Project Location:
 29.979031°, -95.319206°



Legend

 Project Area



**FIGURE 1
 VICINITY MAP**

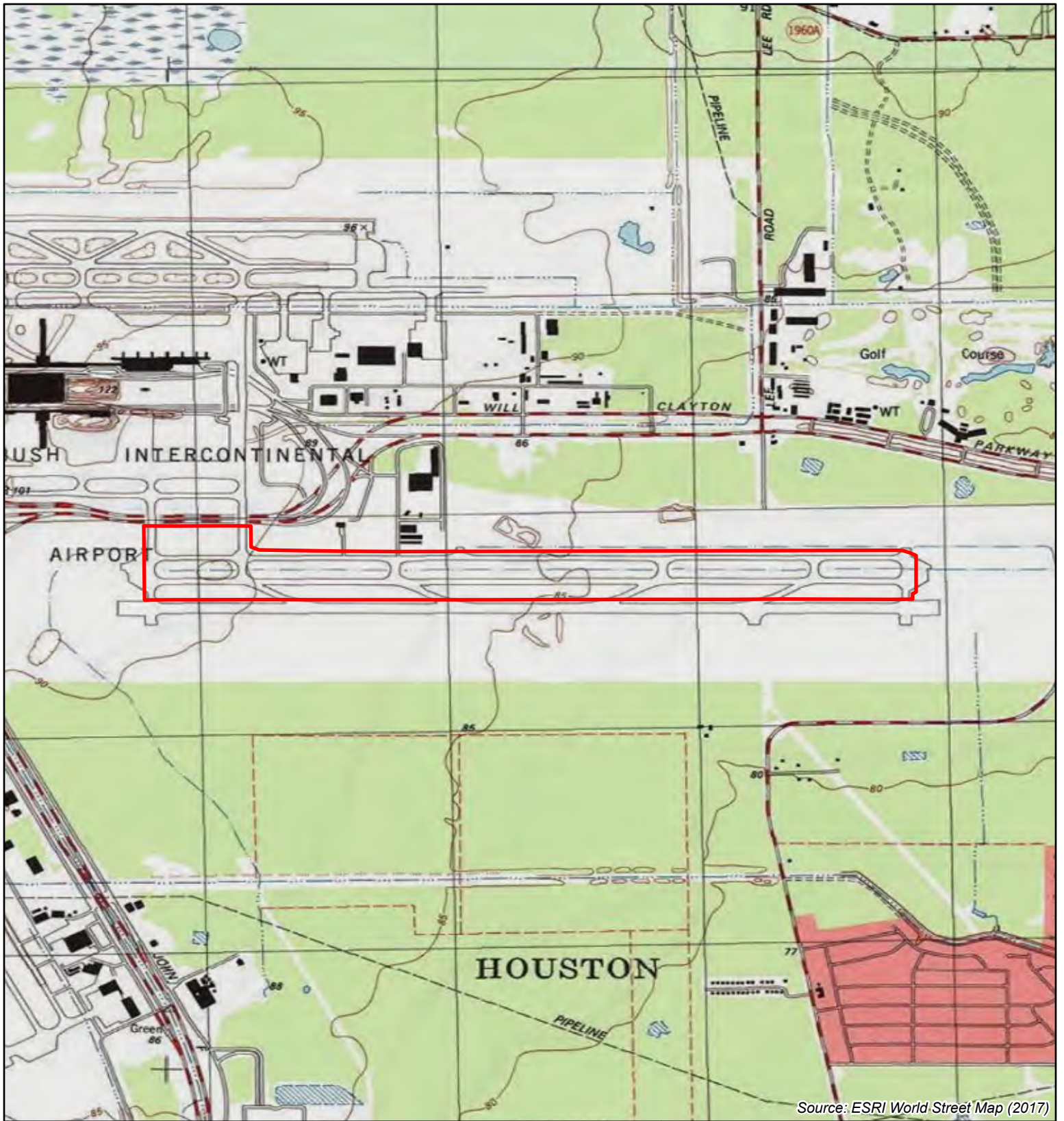
**IAH TAXIWAY SA-SB
 REHAB PROJECT
 HOUSTON, HARRIS COUNTY, TEXAS 77032**



1 inch = 2 mile



Prepared By: Cypress Environmental Consulting LLC
 Project Number: 022306
 Date: 10/5/2022



Source: ESRI World Street Map (2017)

Legend

 Project Area



**FIGURE 2
TOPOGRAPHIC MAP**

IAH TAXIWAY SA-SB
REHAB PROJECT
HOUSTON, HARRIS COUNTY, TEXAS 77032

0 1,000 2,000 4,000 6,000
Feet

1 inch = 2,000 feet



Prepared By: Cypress Environmental Consulting LLC
Project Number: 022306
Date: 10/7/2022



Source: ESRI World Street Map, (2017)

Legend

 Project Area



**FIGURE 3
AERIAL IMAGE**

IAH TAXIWAY SA-SB
REHAB PROJECT
HOUSTON, HARRIS COUNTY, TEXAS 77032

0 800 1,600 3,200 4,800
Feet

1 inch = 1,600 feet






Prepared By: Cypress Environmental Consulting LLC
Project Number: 022306
Date: 10/7/2022



Source: ESRI World Street Map (2017)

Legend

-  Project Area
-  Coastal Zone Boundary
-  County Boundary



**FIGURE 4
COASTAL ZONE MANAGEMENT
BOUNDARY MAP**

IAH TAXIWAY SA-SB
REHAB PROJECT
HOUSTON, HARRIS COUNTY, TEXAS 77032

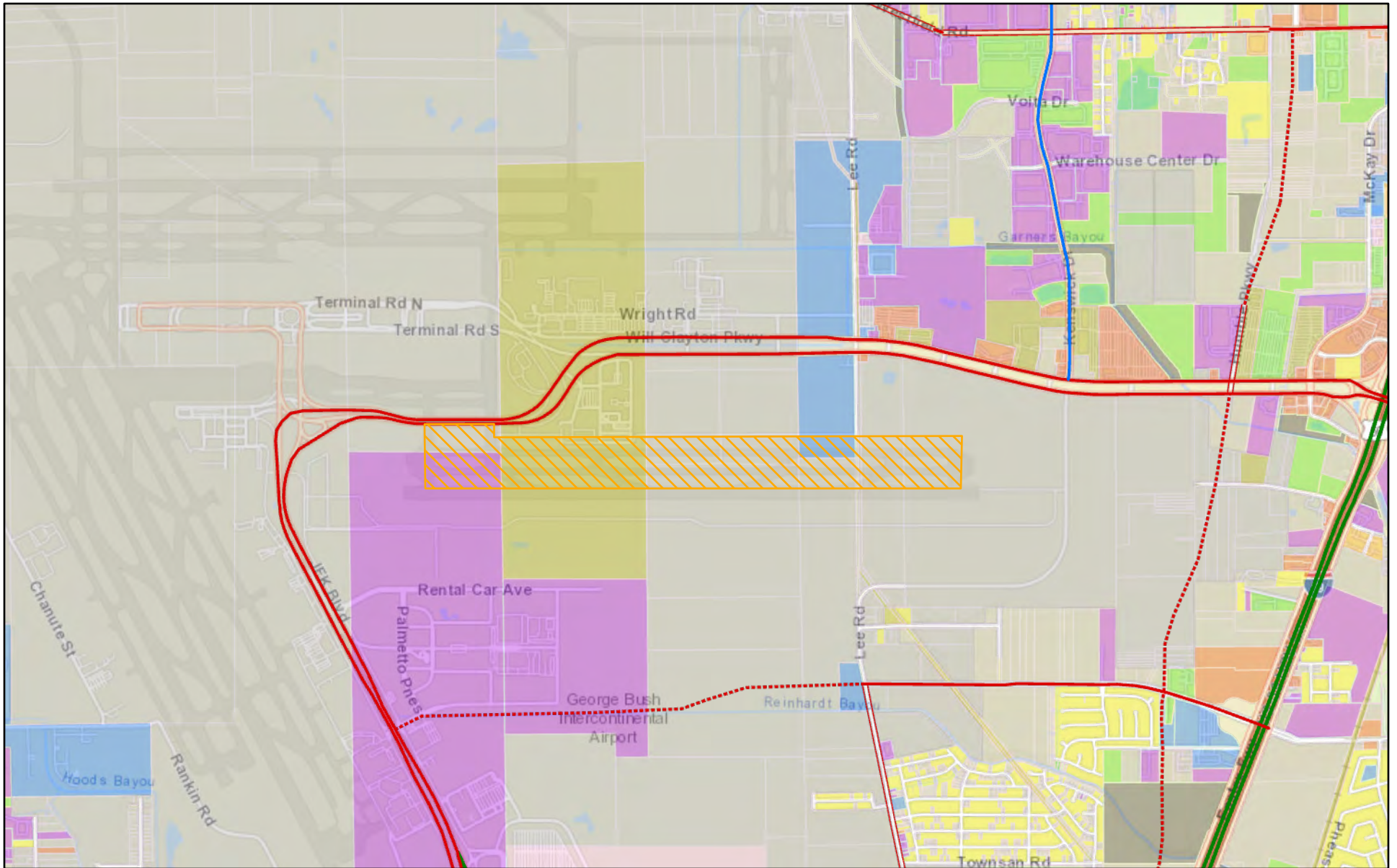


1 inch = 40 mile(s)



Prepared By: Cypress Environmental Consulting LLC
Project Number: 022306
Date: 10/7/2022

Figure 5 - City of Houston Land Use Map



December 22, 2022

drawGraphics_poly

User drawn polygons

Major Thoroughfare Plans (MTFP)

Freeway/Tollway

Major Thoroughfare

TBW Major Thoroughfare

Proposed Major Thoroughfare

Major Collector

Land Use (Grouped)

Single-Family Residential

Multi-Family Residential

Commercial

Office

1:36,112

0 0.28 0.55 1.1 mi

0 0.42 0.85 1.7 km

City of Houston, HPB, Esri, HERE, Garmin, INCREMENT P, NGA, USGS, HCAD

Me

Copyright 2014

Attachment 2
Cultural Resources Documentation

November 14, 2022

Ms. Kim Tourloukis
Houston Airport System
111 Standifer Street
Humble, Texas 77338

**Subject: Cultural Resources File Review
George Bush Intercontinental Airport (IAH)
Taxiway SA & SB Rehabilitation Project
Houston Airport System
Houston, Harris County, Texas 77032**

Dear Ms. Tourloukis,

Cypress Environmental Consulting LLC (CEC) has examined the project area for the proposed Houston Airport System (HAS) George Bush Intercontinental Airport (IAH) Taxiway SA & SB Rehabilitation Project located in Houston, Harris County, Texas 77032 (hereafter referred to as project area). The project area has been reviewed with reference to the State of Texas Archeological Site (Atlas) files, previous archeological investigations, geology and soil classification, topography, historic imagery, and possible tract disturbances. The review was performed to provide cultural resources due diligence for project planning and assess the probability of encountering cultural resources within the project area of potential effect (APE).

If an undertaking is federally permitted, licensed, funded, or partially funded, the project must comply with Section 106 of the National Historic Preservation Act of 1966 (NHPA), as amended. Section 106 requires that every federal agency consider the undertaking's effects on historic properties. The process begins with a historic properties inventory and evaluation. Pursuant to 36 CFR Part 800.2(c)(1)(i) and 36 CFR Part 800.3(c), initiation of the Section 106 process involves identification of proper consulting parties including, but not limited to, the State Historic Preservation Officer (SHPO). In Texas, this role belongs to the Executive Director of the Texas Historical Commission (THC). As provided by Texas Natural Resources Code, §§191.0525, the Antiquities Code of Texas (ACT) requires that any state agencies or political subdivisions of the state notify the THC involving ground-disturbing activities on state or local public lands, political subdivisions of the state, and of work affecting state owned historic buildings (THC 2022a).

At this time, it is CEC's understanding that the project has a federal nexus, and the APE is located within publicly owned property. Therefore, the project must comply with both Section 106 of the NHPA and the ACT.

Project Overview

The APE is comprised of 184.4 acres of land located at the IAH in Houston, Harris County, Texas 77032. According to the Harris County Appraisal District (HCAD), the APE is comprised of three (3) parcels owned by the City of Houston and is centered at the approximate coordinates 29.979031°N, -95.319206°W (HCAD 2022; **Figure 1**).

The APE is located on the *Humble, Texas* USGS topographic quadrangle sheet and depicts the general elevation of the property to have a slight slope to the east. Elevations range between 90 feet above mean sea level (AMSL) at the west end to 85 feet AMSL at the east end. The APE is depicted within the George Bush Intercontinental Airport as developed with two taxiways separated by 11 maintained

grass-covered medians with two drainage ditches (**Figure 2** and **Figure 3**). The proposed project activities include milling and overlaying the existing asphalt for both taxiways and shoulder pavement, asphalt shoulder widening and construction, and associated replacement of taxiway lights, new airfield signs, and drainage improvements to accommodate widened shoulders. The maximum depth of excavation for the proposed construction is assumed to be a minimum of 3 feet below ground level and this depth is expected to be culturally significant.

Geology and Soils

According to the Geologic Map of Texas (Barnes 1992) and the USGS Geological Atlas of Texas (GAT), the APE is situated within the Lissie Formation geologic rock unit in Texas (USGS 2022). The geologic formation is of Quaternary period, Holocene and Pleistocene age. It is characterized as being predominantly clay, silt, sand, and siliceous gravel of granule and small pebble size. It contains concretions of calcium carbonate, iron oxide, and iron-manganese oxides in the zone of weathering. The surface is fairly flat and featureless, except for numerous rounded shallow depressions and pimple mounds. These are separated by areas of noncalcareous iron oxide concentrations more abundant in the upper part which are fluviatile with a very gently rolling thickness. This geological unit has a thickness of approximately 200 feet.

Based on information from the U.S. Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS) web soil survey database, there are two (2) mapped soil types present within the APE, mainly Clodine-Urban land complex, 0 to 1 percent slopes and Wockley fine sandy loam, 0 to 1 percent slopes (NRCS 2022). The Clodine series consists of very deep, somewhat poorly drained, moderately permeable soils that formed in loamy sediments of the Lissie Formation of Pleistocene age. These nearly level soils occur on flats on coastal plains. Slopes range from 0 to 1 percent but are mainly less than 0.3 percent. The Wockley series consists of very deep, somewhat poorly drained, moderately slow permeable soils. These nearly level soils formed in loamy sediments from the Willis Formation of late Pliocene age. Slopes range from 0 to 3 percent but is dominantly from 0.1 to 0.5 percent. The Urban Land designation signals that these soils have been heavily impacted by development and have been altered either by the removal of soil horizons or the deposit of fill (**Figure 4**).

Consultation with the Houston Potential Archaeology Liability Map (PALM) depicts the project area within two survey units (**Figure 5**). This includes:

- Map Unit 2 - Surface Survey Recommended, No Deep Reconnaissance Recommended, and
- Map Unit 4 - No Survey Recommended.

Based on this information, approximately 174 acres (94%) of the of the APE is located within PALM Unit 2, in which a minimum of shovel testing is recommended to investigate possible archeological resources. The remainder of the APE (10.4 acres, 6%) is located within PALM Unit 4 in which no survey is recommended. This unit is characteristic of stable or erosional Pleistocene landforms lacking Holocene veneers, Pleistocene landforms in urban contexts, areas underlain by deposits of recent (historic) age, and made land (e.g., dredge spoil) sites (Abbott 2001).

Previously Identified Cultural Resources

A review of the Atlas indicated that no historic properties have been previously identified within the APE and no prehistoric sites, historic sites, or National Register of Historic Places (NRHP) sites have been previously identified within the APE. In addition, no archeological surveys have been previously conducted within the APE (THC 2022b).

Five (5) prior surveys have been conducted within a 1-mile radius of the project area (**Table 1**; THC 2022b). The Antiquities Permit Number (TAC) associated with the previous surveys is provided in **Table 2** if the information was readily available. Additionally, one (1) previously recorded archaeological site is located within a 1-mile radius of the APE (**Table 2 Figure 6**).

Table 1. Previously Conducted Cultural Resources Surveys Within a 1-Mile Radius of the APE						
County	Year	Distance from APE (mi)	Sponsoring Agency	Survey Type	Additional Information	TAC Permit No.
Harris	2016	0.29	City of Houston	Area	ATLAS NO. 8500076201	7399
Harris	2020	0.52	City of Houston	Area	ATLAS NO. 8500081922	9479
Harris	2011	0.57	Corps of Engineers - Fort Worth District	Area	ATLAS NO. 8500020689	-
Harris	2015	0.79	City of Houston	Area	ATLAS NO. 8500081509	7445
Harris	2015	0.80	City of Houston	Area	ATLAS NO. 8500075370	7266

THC 2022b

Table 2. Previously Recorded Cultural Resources Within a 1-Mile Radius of the APE						
County	USGS Quadrangle	Resource Name	Resource Type	Time Period	NRHP Eligibility	Distance from APE
Harris	Humble	41HR1175	Prehistoric campsite (lithic scatter)	Prehistoric	-	0.81 mi

THC 2022b

Potential for Cultural Resources

The APE was also assessed with respect to environmental factors that combine to make a locality attractive for prehistoric settlement within the region. A review of historical topographic maps (1916, 1919, 1933, 1946, 1949, 1956, 1967, 1969, 1982, 1999, 2013, 2016, and 2019) and current and historical aerial imagery (1944, 1953, 1957, 1962, 1964, 1966, 1973, 1978, 1982, 1985, 1989, 1995, 2002-2006, 2008-2022) was conducted in order to determine the extent of past activities within the project area (Historic Aerials 2022; Google Earth 2022).

The 1916 topographic map depicts the APE as undeveloped with a few unimproved roadways depicted to the east the APE and across the surrounding landscape. The earliest aerial image from 1944 shows the APE and surrounding land as undeveloped land with scattered forests along the western portions of the site, and an access road is visible in the eastern portion of the site. In 1978, construction of the IAH airport can be seen north of the APE, but the APE remained undeveloped. The 1981 aerial imagery shows the APE and adjacent land as cleared and graded for construction. By 1989, the APE was developed as a paved taxiway. Between 2003-2004, improvements of the taxiway along the western portion of the APE are visible. Since the improvements in 2004, the APE has remained substantially similar to present day conditions.

Recommendations

In summary, there were no historic structures (built 1977 or earlier) or archeological sites identified within the APE during the file review. The APE has been fully developed as part of the IAH since 1989. While the APE has not been subject to previous archeological investigations and a portion of the APE is located within PALM Unit 2 in which shovel testing is recommended; the previous disturbance within the APE indicates a low probability of encountering cultural deposits within the APE. Therefore, no archeological survey is recommended at this time.

In the event that unanticipated archeological deposits are encountered during construction, work should be halted immediately, and the Archeology Division of the Texas Historical Commission should be contacted.

Thank you for the opportunity to evaluate this project location. If you have any questions or comments regarding this assessment, please do not hesitate to contact us at (281) 640-4475.

Sincerely,



Katherine Ulewicz, MSc, RPA
Principal Investigator
Email: kulewicz@cypressec.com

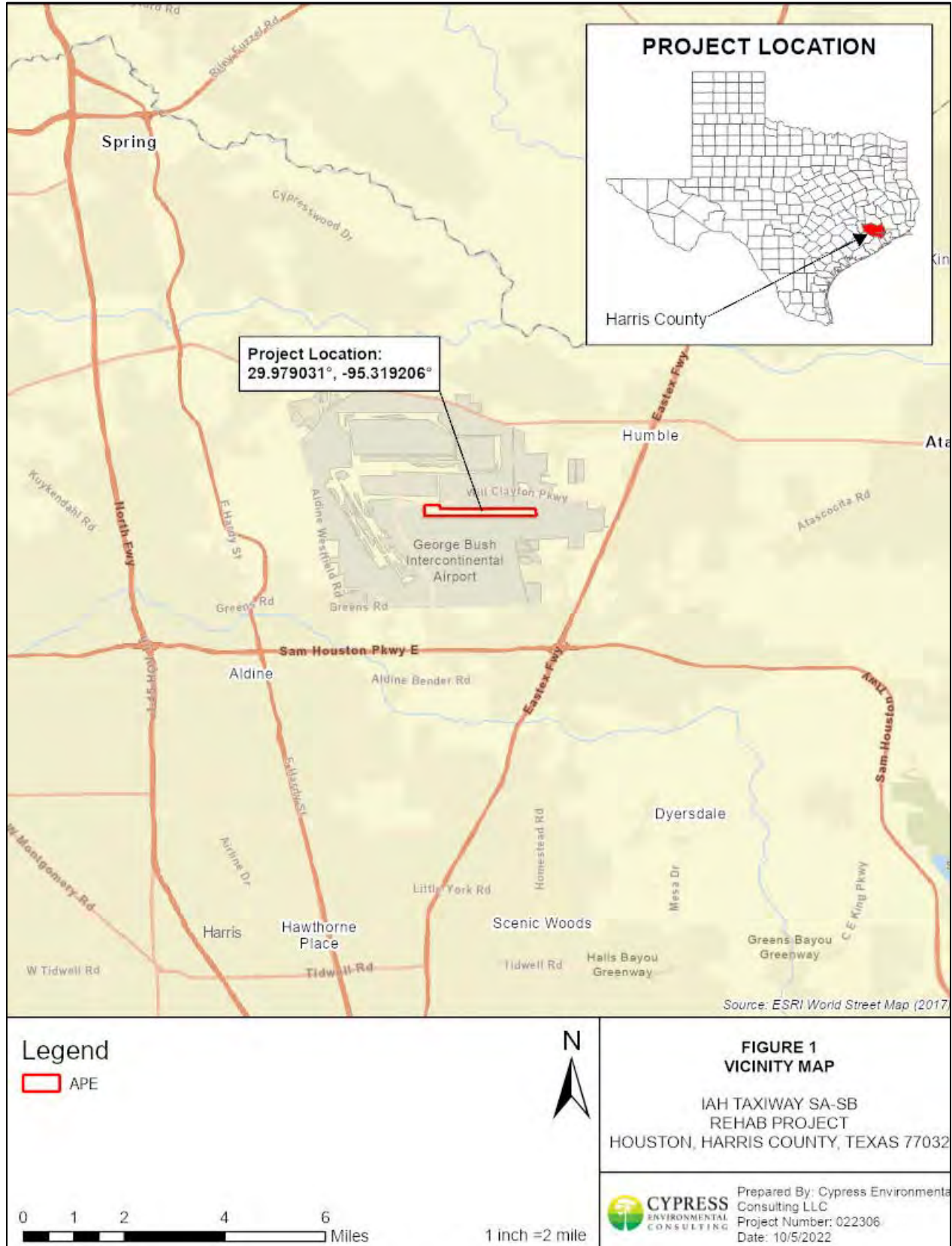


Figure 1. Vicinity Map.

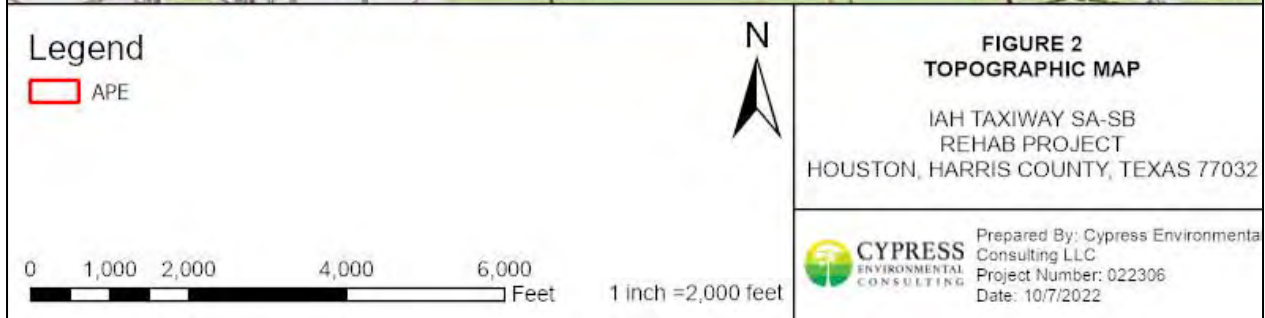
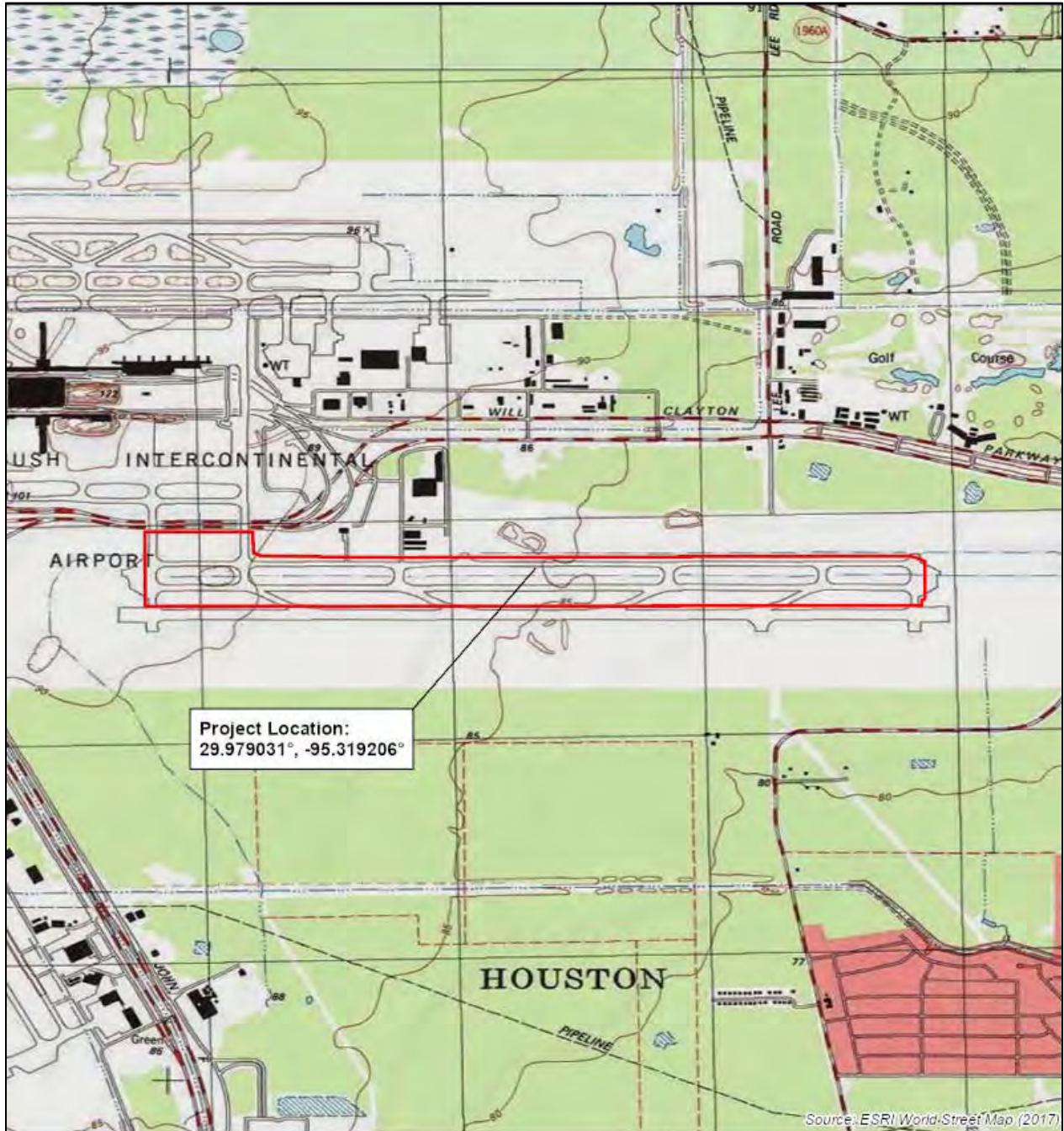


Figure 2. Topographic Map.

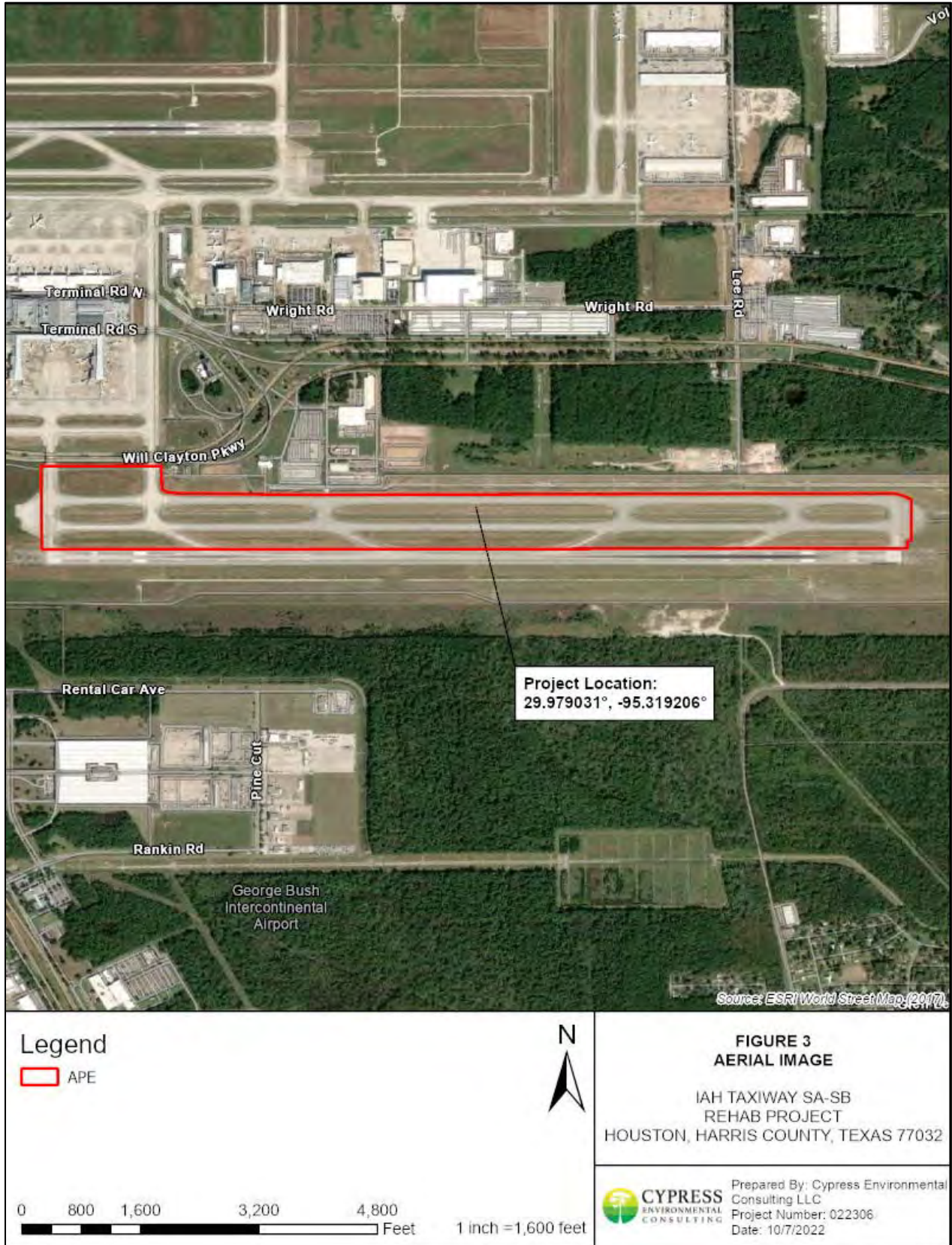


Figure 3. Aerial Map.

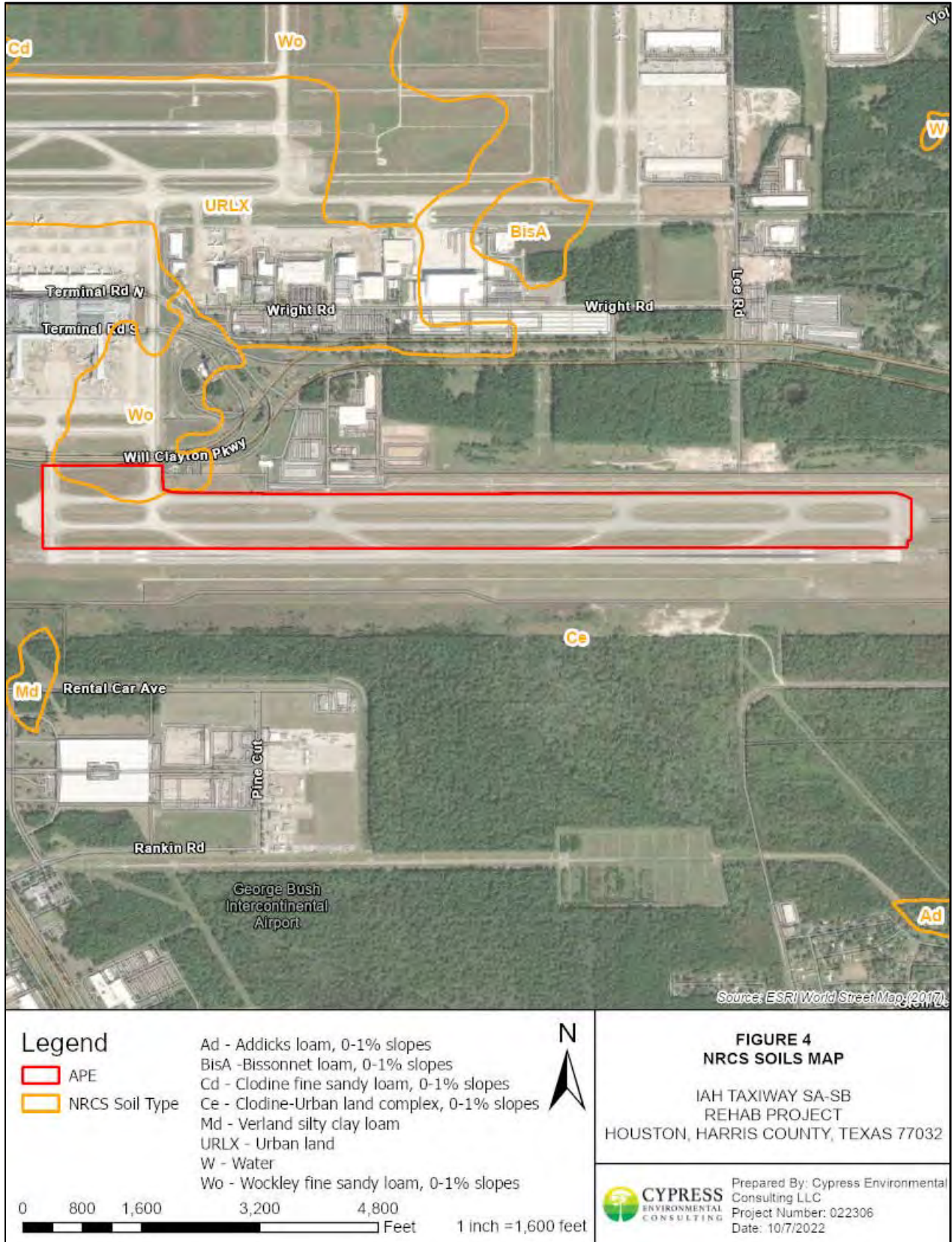


Figure 4. NRCS Soils Map.

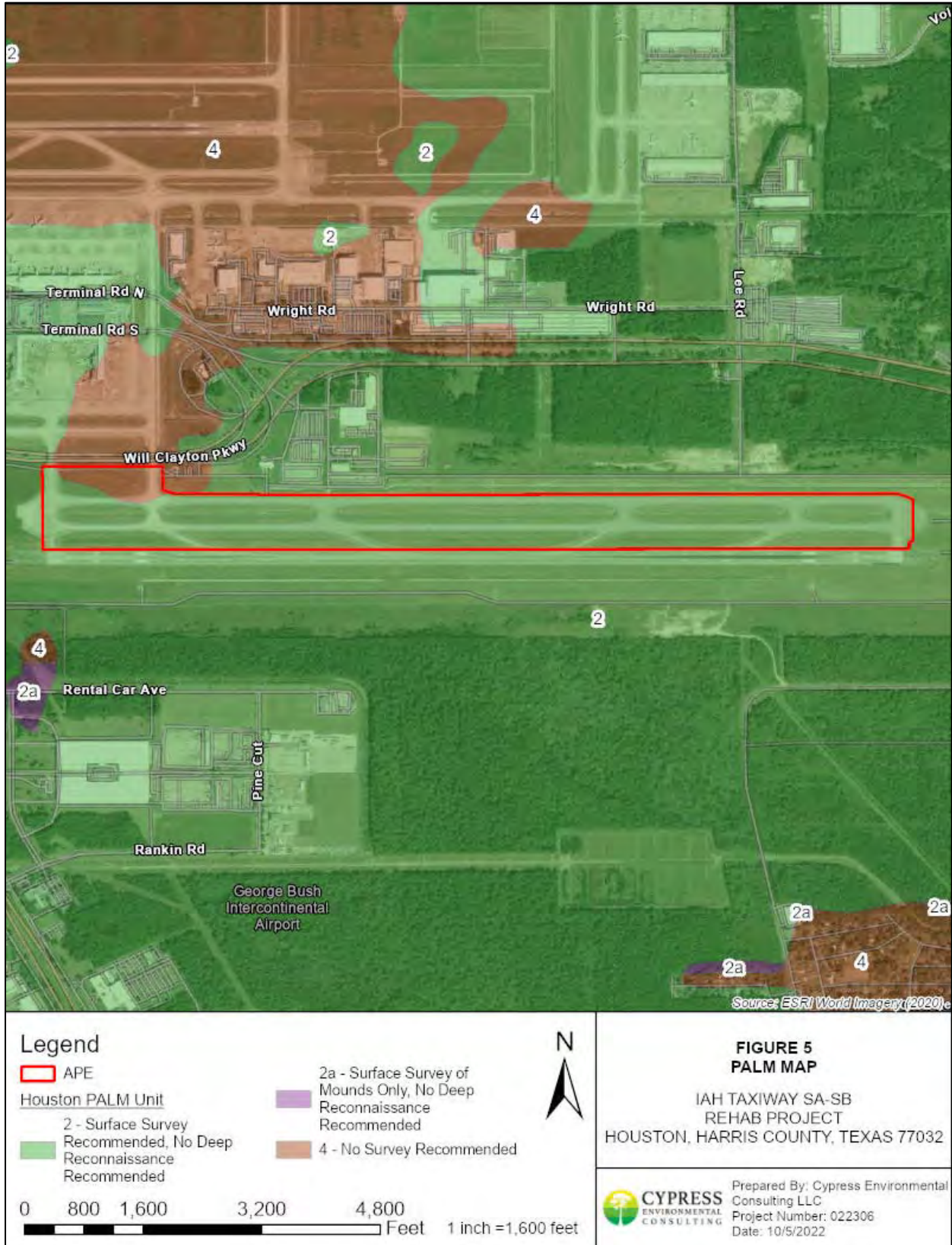


Figure 5. Houston PALM Map.

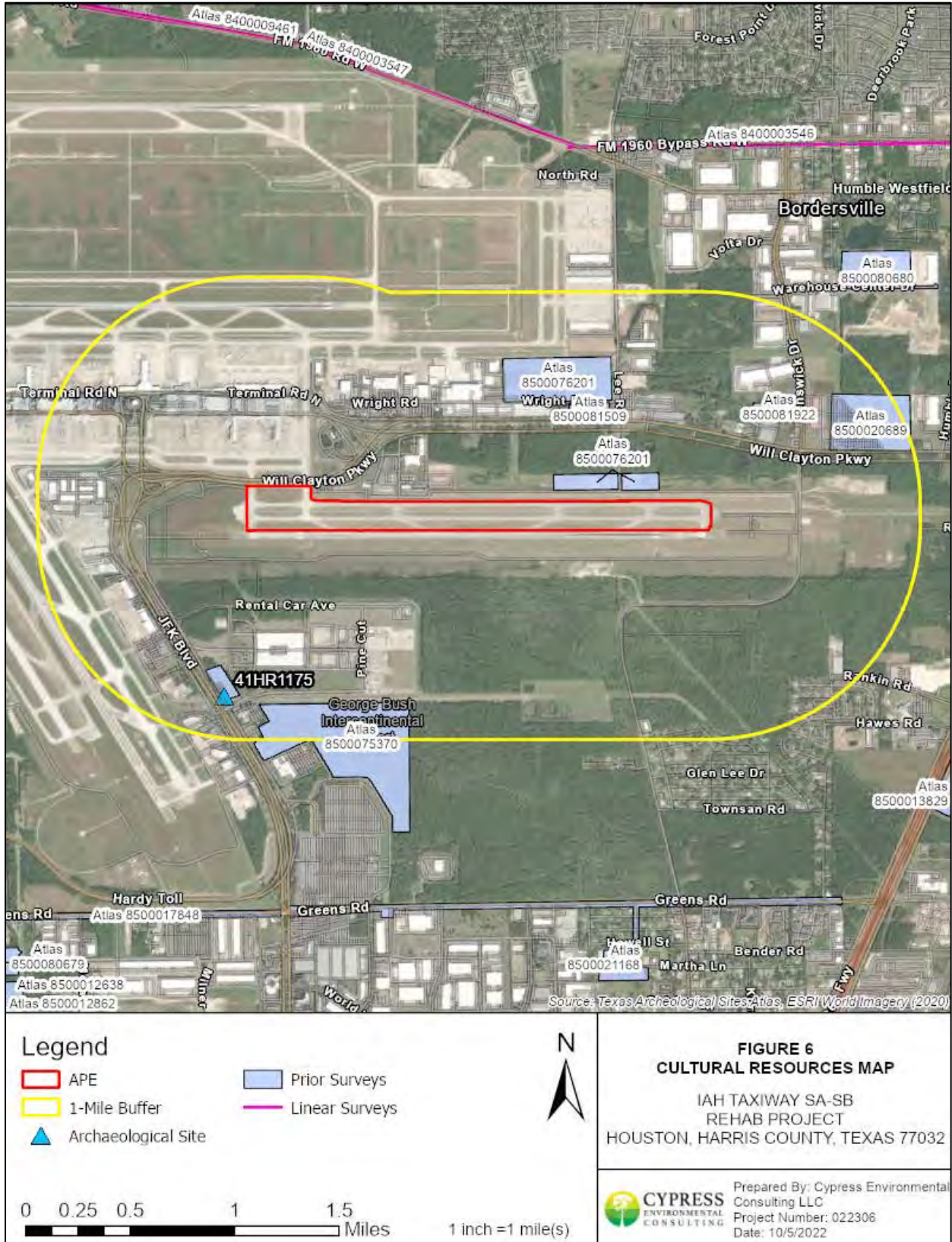


Figure 6. Cultural Resources Map

References Cited

- Abbott, James T. 2001. Houston Area Geoarchaeology: A Framework for Archaeological Investigation, Interpretation, and Cultural Resource Management in the Houston Highway District: Texas Department of Transportation, Environmental Affairs Division, Archaeological Studies Program, Report 27.
- Barnes V. E. 1992. Geologic Map of Texas: University of Texas at Austin, Virgil E. Barnes, project supervisor, Hartmann, B.M. and Scranton, D.F., cartography, scale 1:500,000.
- Google Earth. 2022 Google Earth Pro version 7.3.3.7786 (64-bit) Historical Imagery from 1995-2021. Accessed September 27, 2022.
- (HCAD) Harris County Appraisal District. 2022. HCAD Parcel Viewer. Available at: <https://arcweb.hcad.org/parcelviewer/>. Accessed September 19, 2022.
- Historic Aerials. 2022. Historic Aerial Photographs and Topographic Maps. Available online at: <https://www.historicaerials.com/viewer>. Accessed September 27, 2022.
- (NRCS) Natural Resources Conservation Service. 2022. Soil Survey Staff, Natural Resources Conservation Service, United States Department of Agriculture. Web Soil Survey. Available at: <http://websoilsurvey.nrcs.usda.gov/>. Accessed September 19, 2022.
- (THC) Texas Historical Commission. 2022a. Texas Archeological Site Atlas restricted database. Available at: <https://atlas.thc.texas.gov/Map>. Accessed September 27, 2022.
- (THC) Texas Historical Commission. 2022b. Antiquities Code of Texas. Available at: <https://www.thc.texas.gov/project-review/antiquities-code-texas>. Accessed September 27, 2022.
- (USGS) United States Geological Survey. 1995. Humble, TX 7.5-minute Quadrangle Sheet, scale: 1:24,000.
- (USGS) United States Geological Survey. 2022. Geologic atlas of Texas (GAT), Bureau of Economic Geology. Available at: <https://txpub.usgs.gov/txgeology/>. Accessed September 27, 2022

Attachment 3
Threatened and Endangered Species Documentation



United States Department of the Interior



FISH AND WILDLIFE SERVICE
Texas Coastal Ecological Services Field Office
17629 El Camino Real, Suite 211
Houston, TX 77058-3051
Phone: (281) 286-8282 Fax: (281) 488-5882

In Reply Refer To:
Project Code: 2023-0015077
Project Name: HAS IAH Taxiways SA-SB Rehabilitation Project

November 11, 2022

Subject: List of threatened and endangered species that may occur in your proposed project location or may be affected by your proposed project

To Whom It May Concern:

The U.S. Fish and Wildlife Service (Service) field offices in Clear Lake, Tx, and Corpus Christi, Tx, have combined administratively to form the Texas Coastal Ecological Services Field Office. A map of the Texas Coastal Ecological Services Field Office area of responsibility can be found at: <http://www.fws.gov/southwest/es/TexasCoastal/Map.html>. All project related correspondence should be sent to the field office responsible for the area in which your project occurs. For projects located in southeast Texas please write to: Field Supervisor; U.S. Fish and Wildlife Service; 17629 El Camino Real Ste. 211; Houston, Texas 77058. For projects located in southern Texas please write to: Field Supervisor; U.S. Fish and Wildlife Service; P.O. Box 81468; Corpus Christi, Texas 78468-1468. For projects located in six counties in southern Texas (Cameron, Hidalgo, Starr, Webb, Willacy, and Zapata) please write: Santa Ana NWR, ATTN: Ecological Services Sub Office, 3325 Green Jay Road, Alamo, Texas 78516.

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 *et seq.*).

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the ECOS-IPaC website at regular intervals during project planning and

implementation for updates to species lists and information. An updated list may be requested through the ECOS-IPaC system by completing the same process used to receive the enclosed list.

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 *et seq.*), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2) (c)). For projects other than major construction activities, the Service suggests that a biological evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at:

<http://www.fws.gov/endangered/esa-library/pdf/TOC-GLOS.PDF>

Migratory Birds: In addition to responsibilities to protect threatened and endangered species under the Endangered Species Act (ESA), there are additional responsibilities under the Migratory Bird Treaty Act (MBTA) and the Bald and Golden Eagle Protection Act (BGEPA) to protect native birds from project-related impacts. Any activity, intentional or unintentional, resulting in take of migratory birds, including eagles, is prohibited unless otherwise permitted by the U.S. Fish and Wildlife Service (50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)). For more information regarding these Acts see <https://www.fws.gov/birds/policies-and-regulations.php>.

The MBTA has no provision for allowing take of migratory birds that may be unintentionally killed or injured by otherwise lawful activities. It is the responsibility of the project proponent to comply with these Acts by identifying potential impacts to migratory birds and eagles within applicable NEPA documents (when there is a federal nexus) or a Bird/Eagle Conservation Plan (when there is no federal nexus). Proponents should implement conservation measures to avoid or minimize the production of project-related stressors or minimize the exposure of birds and their resources to the project-related stressors. For more information on avian stressors and recommended conservation measures see <https://www.fws.gov/birds/bird-enthusiasts/threats-to-birds.php>.

In addition to MBTA and BGEPA, Executive Order 13186: *Responsibilities of Federal Agencies to Protect Migratory Birds*, obligates all Federal agencies that engage in or authorize activities

that might affect migratory birds, to minimize those effects and encourage conservation measures that will improve bird populations. Executive Order 13186 provides for the protection of both migratory birds and migratory bird habitat. For information regarding the implementation of Executive Order 13186, please visit <https://www.fws.gov/birds/policies-and-regulations/executive-orders/e0-13186.php>.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Code in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment(s):

- Official Species List
 - Migratory Birds
 - Wetlands
-

Official Species List

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

Texas Coastal Ecological Services Field Office

17629 El Camino Real, Suite 211

Houston, TX 77058-3051

(281) 286-8282

Project Summary

Project Code: 2023-0015077

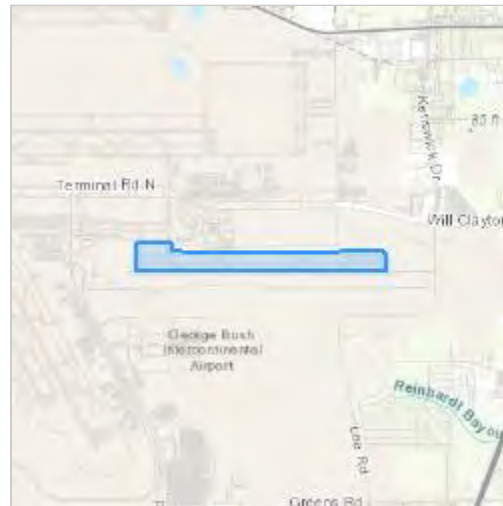
Project Name: HAS IAH Taxiways SA-SB Rehabilitation Project

Project Type: Airport - Maintenance/Modification

Project Description: Houston Airport System - George Bush Intercontinental Airport

Project Location:

Approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@29.979442300000002,-95.31825521004058,14z>



Counties: Harris County, Texas

Endangered Species Act Species

There is a total of 6 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species. Note that 2 of these species should be considered only under certain conditions.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries¹, as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

-
1. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

Birds

NAME	STATUS
Eastern Black Rail <i>Laterallus jamaicensis ssp. jamaicensis</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/10477	Threatened
Piping Plover <i>Charadrius melodus</i> Population: [Atlantic Coast and Northern Great Plains populations] - Wherever found, except those areas where listed as endangered. There is final critical habitat for this species. Your location does not overlap the critical habitat. This species only needs to be considered under the following conditions: <ul style="list-style-type: none"> ▪ Wind related projects within migratory route. Species profile: https://ecos.fws.gov/ecp/species/6039	Threatened
Red Knot <i>Calidris canutus rufa</i> There is proposed critical habitat for this species. This species only needs to be considered under the following conditions: <ul style="list-style-type: none"> ▪ Wind related projects within migratory route. Species profile: https://ecos.fws.gov/ecp/species/1864	Threatened
Whooping Crane <i>Grus americana</i> Population: Wherever found, except where listed as an experimental population There is final critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/758	Endangered

Insects

NAME	STATUS
Monarch Butterfly <i>Danaus plexippus</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/9743	Candidate

Flowering Plants

NAME	STATUS
Texas Prairie Dawn-flower <i>Hymenoxys texana</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/6471	Endangered

Critical habitats

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

Migratory Birds

Certain birds are protected under the Migratory Bird Treaty Act¹ and the Bald and Golden Eagle Protection Act².

Any person or organization who plans or conducts activities that may result in impacts to migratory birds, eagles, and their habitats should follow appropriate regulations and consider implementing appropriate conservation measures, as described [below](#).

-
1. The [Migratory Birds Treaty Act](#) of 1918.
 2. The [Bald and Golden Eagle Protection Act](#) of 1940.
 3. 50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)

The birds listed below are birds of particular concern either because they occur on the [USFWS Birds of Conservation Concern \(BCC\) list](#) or warrant special attention in your project location. To learn more about the levels of concern for birds on your list and how this list is generated, see the FAQ [below](#). This is not a list of every bird you may find in this location, nor a guarantee that every bird on this list will be found in your project area. To see exact locations of where birders and the general public have sighted birds in and around your project area, visit the [E-bird data mapping tool](#) (Tip: enter your location, desired date range and a species on your list). For projects that occur off the Atlantic Coast, additional maps and models detailing the relative occurrence and abundance of bird species on your list are available. Links to additional information about Atlantic Coast birds, and other important information about your migratory bird list, including how to properly interpret and use your migratory bird report, can be found [below](#).

For guidance on when to schedule activities or implement avoidance and minimization measures to reduce impacts to migratory birds on your list, click on the PROBABILITY OF PRESENCE SUMMARY at the top of your list to see when these birds are most likely to be present and breeding in your project area.

NAME	BREEDING SEASON
American Kestrel <i>Falco sparverius paulus</i> This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA https://ecos.fws.gov/ecp/species/9587	Breeds Apr 1 to Aug 31
Bald Eagle <i>Haliaeetus leucocephalus</i> This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.	Breeds Sep 1 to Jul 31

NAME	BREEDING SEASON
Brown-headed Nuthatch <i>Sitta pusilla</i> This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA	Breeds Mar 1 to Jul 15
Chimney Swift <i>Chaetura pelagica</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds Mar 15 to Aug 25
Lesser Yellowlegs <i>Tringa flavipes</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9679	Breeds elsewhere
Red-headed Woodpecker <i>Melanerpes erythrocephalus</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds May 10 to Sep 10
Swallow-tailed Kite <i>Elanoides forficatus</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/8938	Breeds Mar 10 to Jun 30

Probability Of Presence Summary

The graphs below provide our best understanding of when birds of concern are most likely to be present in your project area. This information can be used to tailor and schedule your project activities to avoid or minimize impacts to birds. Please make sure you read and understand the FAQ "Proper Interpretation and Use of Your Migratory Bird Report" before using or attempting to interpret this report.

Probability of Presence (■)

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. (A year is represented as 12 4-week months.) A taller bar indicates a higher probability of species presence. The survey effort (see below) can be used to establish a level of confidence in the presence score. One can have higher confidence in the presence score if the corresponding survey effort is also high.

How is the probability of presence score calculated? The calculation is done in three steps:

1. The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.
2. To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence

in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is $0.25/0.25 = 1$; at week 20 it is $0.05/0.25 = 0.2$.

- The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

Breeding Season (■)

Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

Survey Effort (|)

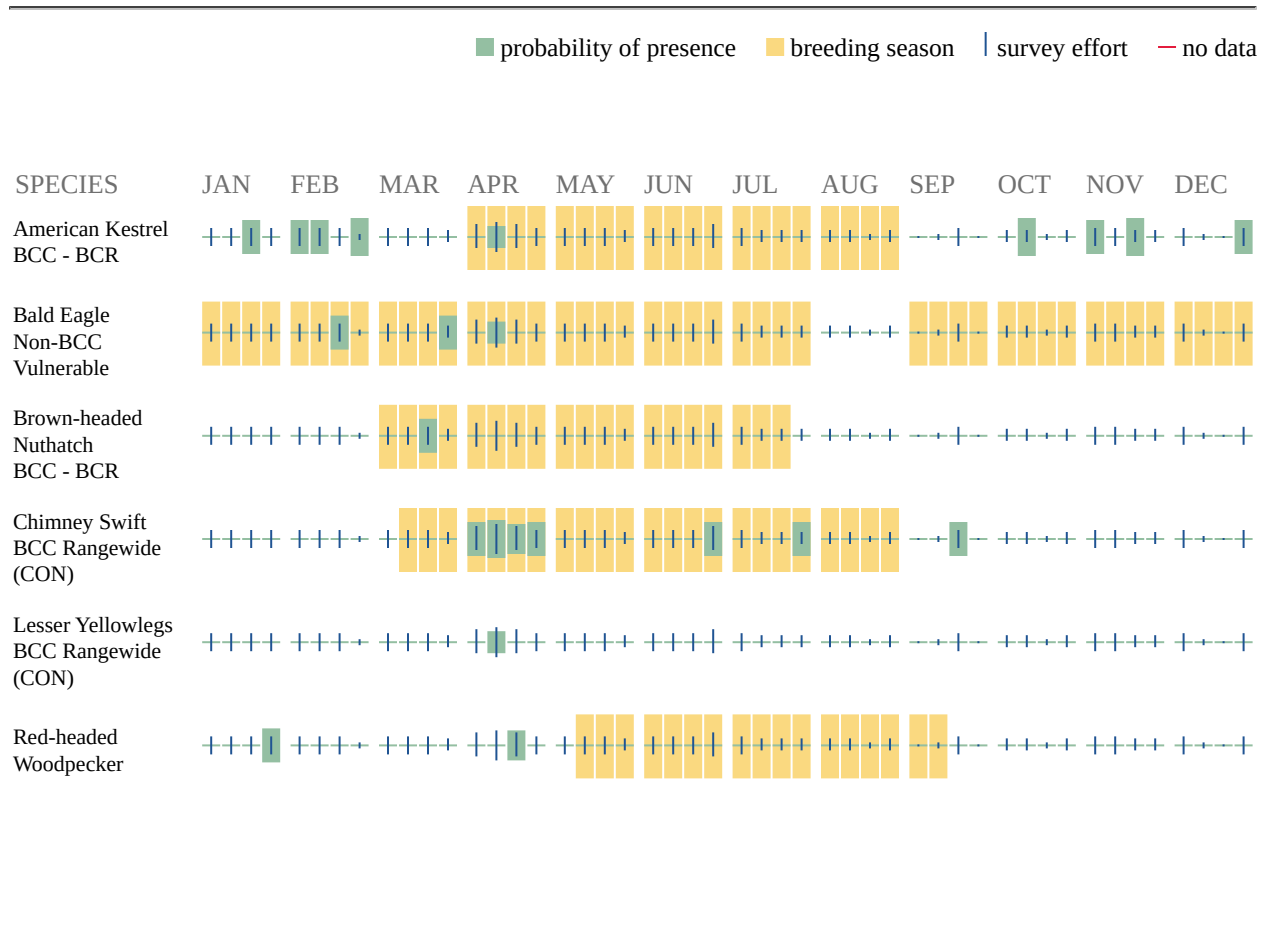
Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps. The number of surveys is expressed as a range, for example, 33 to 64 surveys.

No Data (-)

A week is marked as having no data if there were no survey events for that week.

Survey Timeframe

Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.



BCC Rangewide
(CON)

Swallow-tailed Kite
BCC Rangewide
(CON)



Additional information can be found using the following links:

- Birds of Conservation Concern <https://www.fws.gov/program/migratory-birds/species>
- Measures for avoiding and minimizing impacts to birds <https://www.fws.gov/library/collections/avoiding-and-minimizing-incident-take-migratory-birds>
- Nationwide conservation measures for birds <https://www.fws.gov/sites/default/files/documents/nationwide-standard-conservation-measures.pdf>

Migratory Birds FAQ

Tell me more about conservation measures I can implement to avoid or minimize impacts to migratory birds.

[Nationwide Conservation Measures](#) describes measures that can help avoid and minimize impacts to all birds at any location year round. Implementation of these measures is particularly important when birds are most likely to occur in the project area. When birds may be breeding in the area, identifying the locations of any active nests and avoiding their destruction is a very helpful impact minimization measure. To see when birds are most likely to occur and be breeding in your project area, view the Probability of Presence Summary. [Additional measures](#) or [permits](#) may be advisable depending on the type of activity you are conducting and the type of infrastructure or bird species present on your project site.

What does IPaC use to generate the list of migratory birds that potentially occur in my specified location?

The Migratory Bird Resource List is comprised of USFWS [Birds of Conservation Concern \(BCC\)](#) and other species that may warrant special attention in your project location.

The migratory bird list generated for your project is derived from data provided by the [Avian Knowledge Network \(AKN\)](#). The AKN data is based on a growing collection of [survey, banding, and citizen science datasets](#) and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) which your project intersects, and that have been identified as warranting special attention because they are a BCC species in that area, an eagle ([Eagle Act](#) requirements may apply), or a species that has a particular vulnerability to offshore activities or development.

Again, the Migratory Bird Resource list includes only a subset of birds that may occur in your project area. It is not representative of all birds that may occur in your project area. To get a list of all birds potentially present in your project area, please visit the [Rapid Avian Information Locator \(RAIL\) Tool](#).

What does IPaC use to generate the probability of presence graphs for the migratory birds potentially occurring in my specified location?

The probability of presence graphs associated with your migratory bird list are based on data provided by the [Avian Knowledge Network \(AKN\)](#). This data is derived from a growing collection of [survey, banding, and citizen science datasets](#).

Probability of presence data is continuously being updated as new and better information becomes available. To learn more about how the probability of presence graphs are produced and how to interpret them, go the Probability of Presence Summary and then click on the "Tell me about these graphs" link.

How do I know if a bird is breeding, wintering or migrating in my area?

To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating or year-round), you may query your location using the [RAIL Tool](#) and look at the range maps provided for birds in your area at the bottom of the profiles provided for each bird in your results. If a bird on your migratory bird species list has a breeding season associated with it, if that bird does occur in your project area, there may be nests present at some point within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

What are the levels of concern for migratory birds?

Migratory birds delivered through IPaC fall into the following distinct categories of concern:

1. "BCC Rangewide" birds are [Birds of Conservation Concern](#) (BCC) that are of concern throughout their range anywhere within the USA (including Hawaii, the Pacific Islands, Puerto Rico, and the Virgin Islands);
2. "BCC - BCR" birds are BCCs that are of concern only in particular Bird Conservation Regions (BCRs) in the continental USA; and
3. "Non-BCC - Vulnerable" birds are not BCC species in your project area, but appear on your list either because of the [Eagle Act](#) requirements (for eagles) or (for non-eagles) potential susceptibilities in offshore areas from certain types of development or activities (e.g. offshore energy development or longline fishing).

Although it is important to try to avoid and minimize impacts to all birds, efforts should be made, in particular, to avoid and minimize impacts to the birds on this list, especially eagles and BCC species of rangewide concern. For more information on conservation measures you can implement to help avoid and minimize migratory bird impacts and requirements for eagles, please see the FAQs for these topics.

Details about birds that are potentially affected by offshore projects

For additional details about the relative occurrence and abundance of both individual bird species and groups of bird species within your project area off the Atlantic Coast, please visit the [Northeast Ocean Data Portal](#). The Portal also offers data and information about other taxa besides birds that may be helpful to you in your project review. Alternately, you may download the bird model results files underlying the portal maps through the [NOAA NCCOS Integrative Statistical Modeling and Predictive Mapping of Marine Bird Distributions and Abundance on the Atlantic Outer Continental Shelf](#) project webpage.

Bird tracking data can also provide additional details about occurrence and habitat use throughout the year, including migration. Models relying on survey data may not include this information. For additional information on marine bird tracking data, see the [Diving Bird Study](#) and the [nanotag studies](#) or contact [Caleb Spiegel](#) or [Pam Loring](#).

What if I have eagles on my list?

If your project has the potential to disturb or kill eagles, you may need to [obtain a permit](#) to avoid violating the Eagle Act should such impacts occur.

Proper Interpretation and Use of Your Migratory Bird Report

The migratory bird list generated is not a list of all birds in your project area, only a subset of birds of priority concern. To learn more about how your list is generated, and see options for identifying what other birds may be in your project area, please see the FAQ "What does IPaC use to generate the migratory birds potentially occurring in my specified location". Please be aware this report provides the "probability of presence" of birds within the 10 km grid cell(s) that overlap your project; not your exact project footprint. On the graphs provided, please also look carefully at the survey effort (indicated by the black vertical bar) and for the existence of the "no data" indicator (a red horizontal bar). A high survey effort is the key component. If the survey effort is high, then the probability of presence score can be viewed as more dependable. In contrast, a low survey effort bar or no data bar means a lack of data and, therefore, a lack of certainty about presence of the species. This list is not perfect; it is simply a starting point for identifying what birds of concern have the potential to be in your project area, when they might be there, and if they might be breeding (which means nests might be present). The list helps you know what to look for to confirm presence, and helps guide you in knowing when to implement conservation measures to avoid or minimize potential impacts from your project activities, should presence be confirmed. To learn more about conservation measures, visit the FAQ "Tell me about conservation measures I can implement to avoid or minimize impacts to migratory birds" at the bottom of your migratory bird trust resources page.

Wetlands

Impacts to [NWI wetlands](#) and other aquatic habitats may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal statutes.

For more information please contact the Regulatory Program of the local [U.S. Army Corps of Engineers District](#).

Please note that the NWI data being shown may be out of date. We are currently working to update our NWI data set. We recommend you verify these results with a site visit to determine the actual extent of wetlands on site.

RIVERINE

- [Riverine](#)
-

IPaC User Contact Information

Agency: Federal Aviation Administration

Name: Jacqueline Prescott

Address: 10605 Grant Road, Suite 106

City: Houston

State: TX

Zip: 77070

Email: jprescott@cypressec.com

Phone: 7135511112

EFH Mapper Report

EFH Data Notice

Essential Fish Habitat (EFH) is defined by textual descriptions contained in the fishery management plans developed by the regional fishery management councils. In most cases mapping data can not fully represent the complexity of the habitats that make up EFH. This report should be used for general interest queries only and should not be interpreted as a definitive evaluation of EFH at this location. A location-specific evaluation of EFH for any official purposes must be performed by a regional expert. Please refer to the following links for the appropriate regional resources.

Query Results

Degrees, Minutes, Seconds: Latitude = , Longitude =

Decimal Degrees: Latitude = , Longitude =

The query location intersects with spatial data representing EFH and/or HAPCs for the following species/management units.

EFH

No Essential Fish Habitats (EFH) were identified at the report location.

Salmon EFH

No Pacific Salmon Essential Fish Habitat (EFH) were identified at the report location.

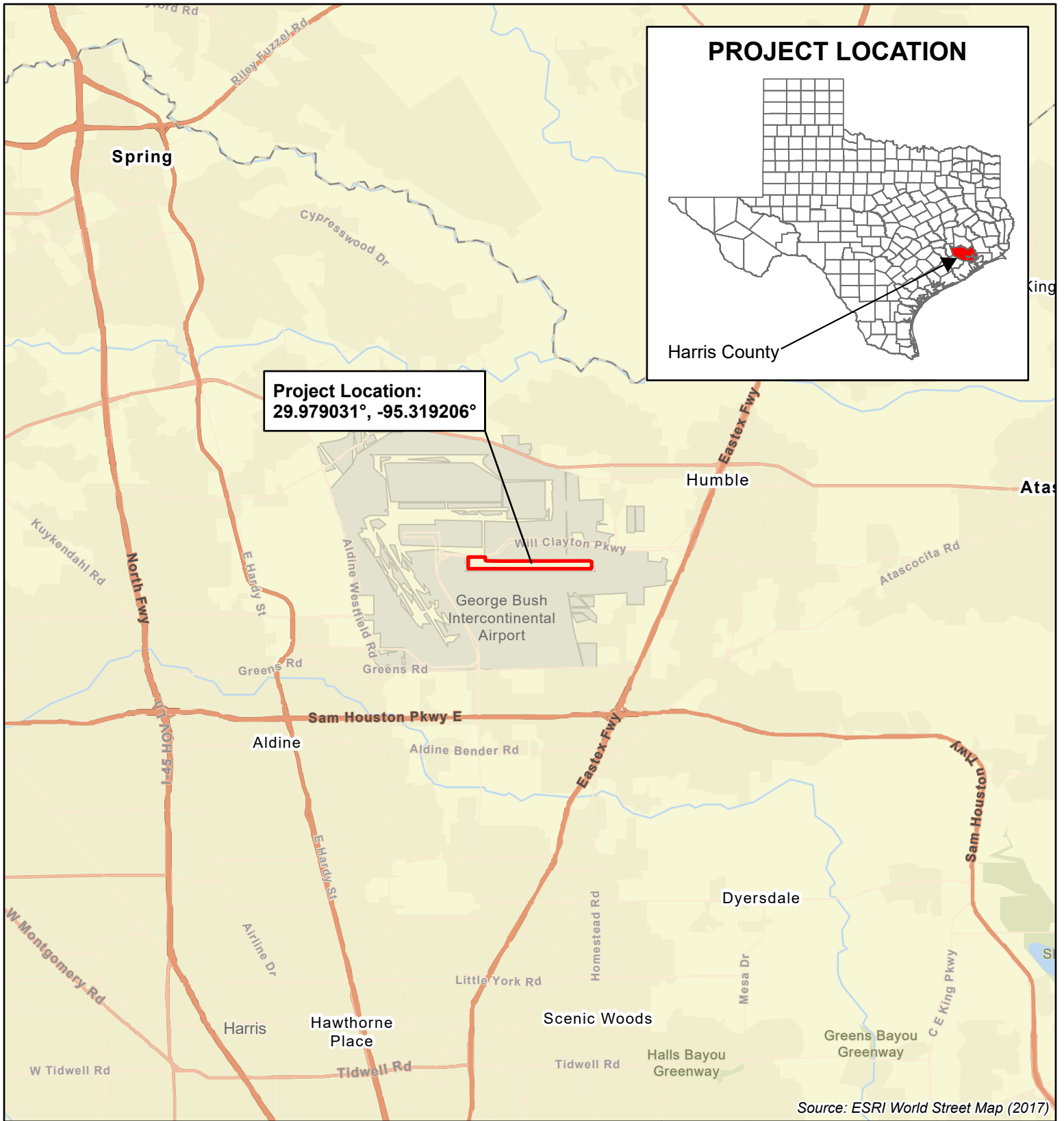
HAPCs

No Habitat Areas of Particular Concern (HAPC) were identified at the report location.

EFH Areas Protected from Fishing

No EFH Areas Protected from Fishing (EFHA) were identified at the report location.

Attachment 4
Wetlands and Waterbodies Documentation



Project Location:
 29.979031°, -95.319206°



Legend

 Project Area



**FIGURE 1
 VICINITY MAP**

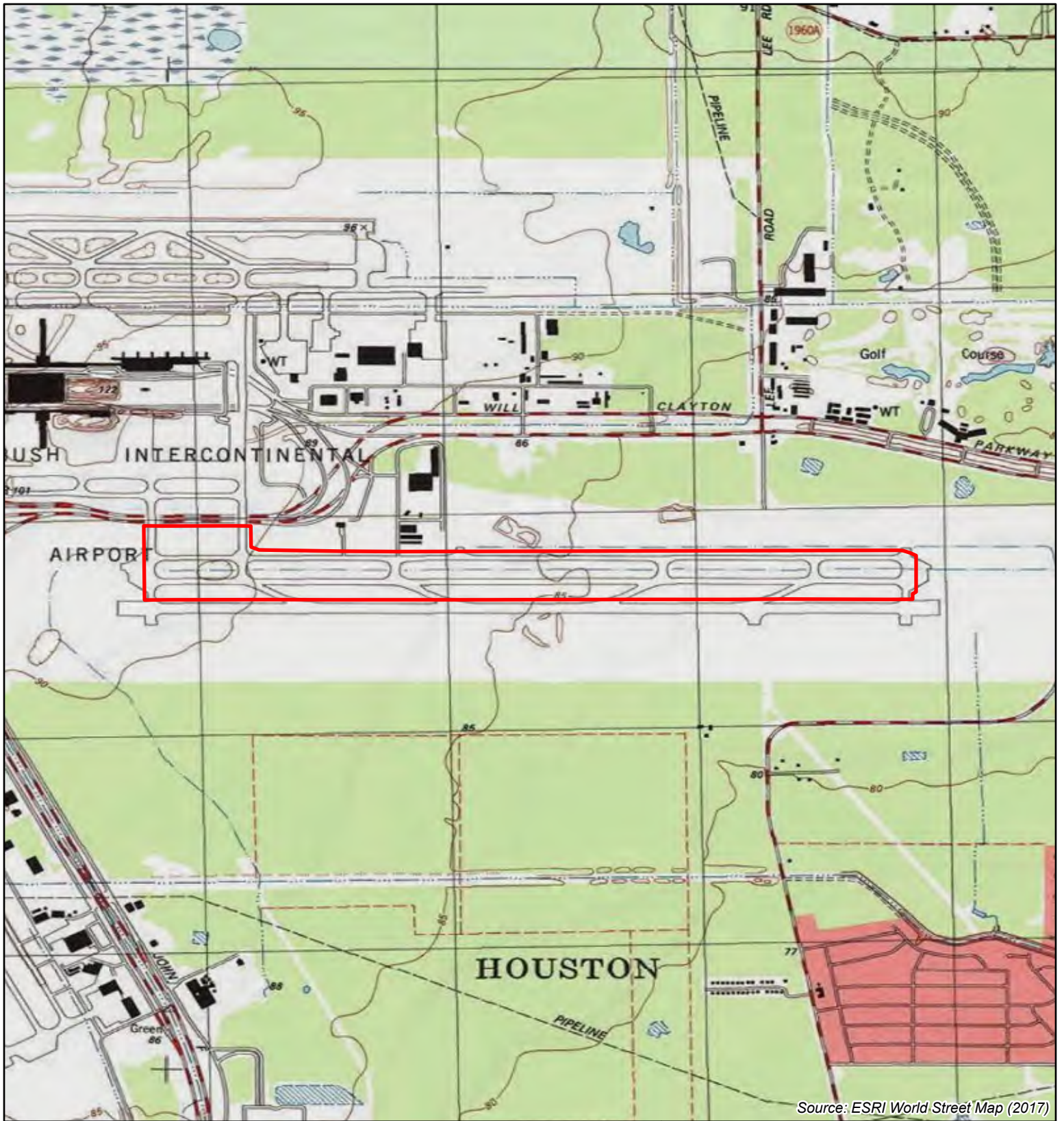
**IAH TAXIWAY SA-SB
 REHAB PROJECT
 HOUSTON, HARRIS COUNTY, TEXAS 77032**



1 inch = 2 mile



Prepared By: Cypress Environmental Consulting LLC
 Project Number: 022306
 Date: 10/5/2022



Source: ESRI World Street Map (2017)

Legend

 Project Area



**FIGURE 2
TOPOGRAPHIC MAP**

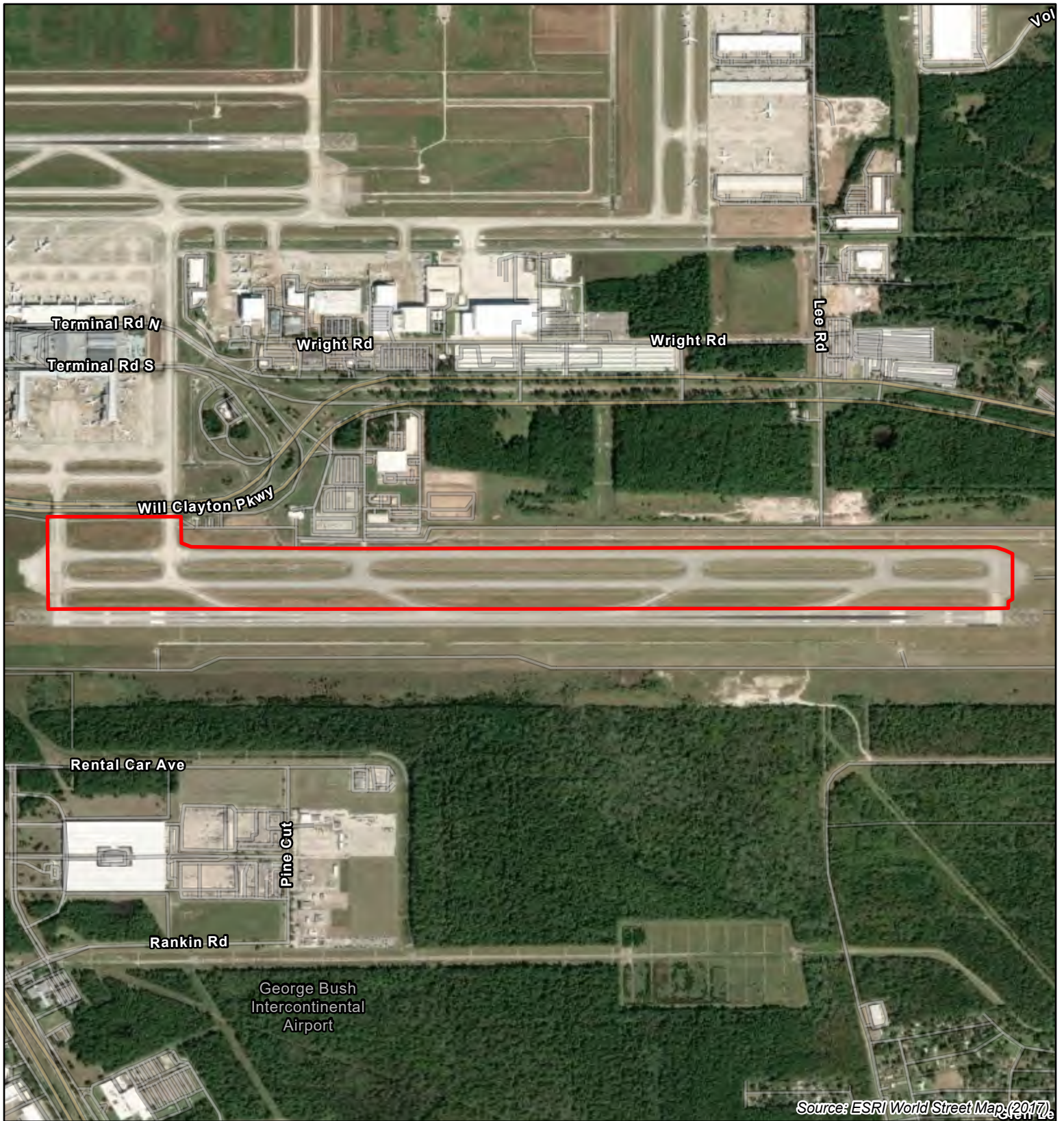
IAH TAXIWAY SA-SB
REHAB PROJECT
HOUSTON, HARRIS COUNTY, TEXAS 77032

0 1,000 2,000 4,000 6,000
Feet

1 inch = 2,000 feet



Prepared By: Cypress Environmental Consulting LLC
Project Number: 022306
Date: 10/7/2022



Source: ESRI World Street Map, (2017)

Legend

 Project Area



**FIGURE 3
AERIAL IMAGE**

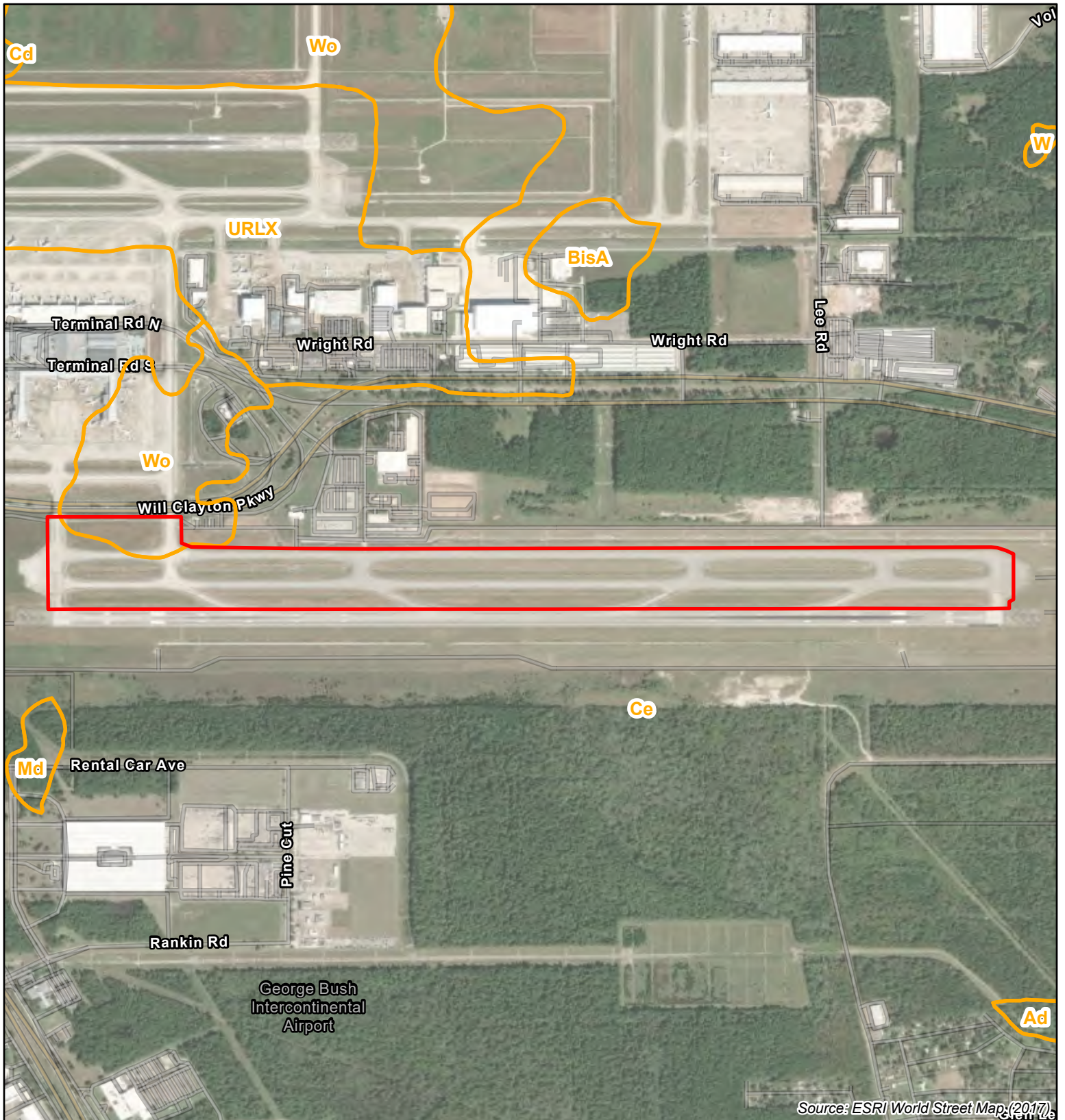
IAH TAXIWAY SA-SB
REHAB PROJECT
HOUSTON, HARRIS COUNTY, TEXAS 77032

0 800 1,600 3,200 4,800
Feet

1 inch = 1,600 feet



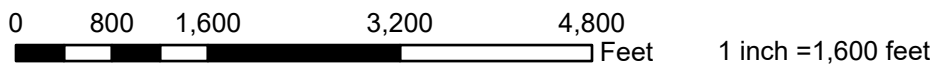
Prepared By: Cypress Environmental Consulting LLC
Project Number: 022306
Date: 10/7/2022



Legend

- Project Area
- NRCS Soil Type

- Ad - Addicks loam, 0-1% slopes
- BisA - Bissonnet loam, 0-1% slopes
- Cd - Clodine fine sandy loam, 0-1% slopes
- Ce - Clodine-Urban land complex, 0-1% slopes
- Md - Verland silty clay loam
- URLX - Urban land
- W - Water
- Wo - Wockley fine sandy loam, 0-1% slopes

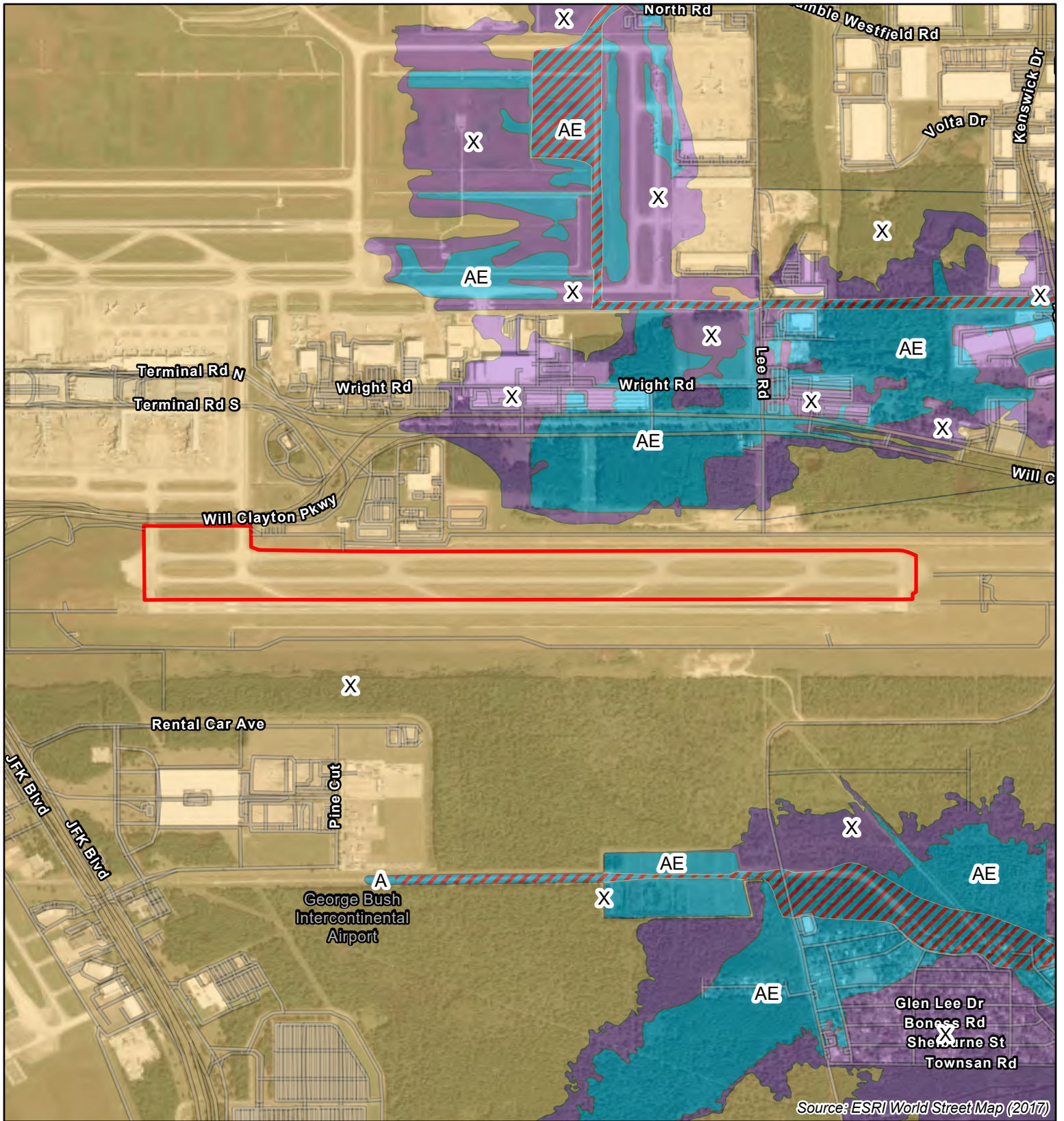


**FIGURE 4
NRCS SOILS MAP**

IAH TAXIWAY SA-SB
REHAB PROJECT
HOUSTON, HARRIS COUNTY, TEXAS 77032



Prepared By: Cypress Environmental Consulting LLC
Project Number: 022306
Date: 10/7/2022



Legend

- Project Area
- X (500-Year Floodplain)
- X (Areas of Minimal Flood Hazard)
- AE (Floodway)
- A (100-Year Floodplain)



**FIGURE 6
FEMA FIRM MAP**

IAH TAXIWAY SA-SB
REHAB PROJECT
HOUSTON, HARRIS COUNTY, TEXAS 77032

0 1,000 2,000 4,000 6,000
 Feet 1 inch = 2,000 feet

CYPRESS
 ENVIRONMENTAL
 CONSULTING

Prepared By: Cypress Environmental Consulting LLC
 Project Number: 022306
 Date: 10/7/2022



Photo 1. Overview of the project area from the northwest corner, facing east.



Photo 2. Overview of the project area from the northwest corner, facing south.



Photo 3. Overview of the project area from the southwest corner, facing north.



Photo 4. Overview of the project area from the southwest corner, facing east.



Photo 5. Overview of the project area from the northeast corner, facing southwest.



Photo 6. Overview of the project area from the southeast corner, facing northwest.



Photo 7. Overview of the project area near the center of the project area, facing south.



Photo 8. Overview of the project area near the center of the project area, facing west.



Photo 9. Overview of the northern drainage ditch (north of Taxiway SA) at the west end, facing east.



Photo 10. Overview of the northern drainage ditch (north of Taxiway SA) at the east end, facing west.



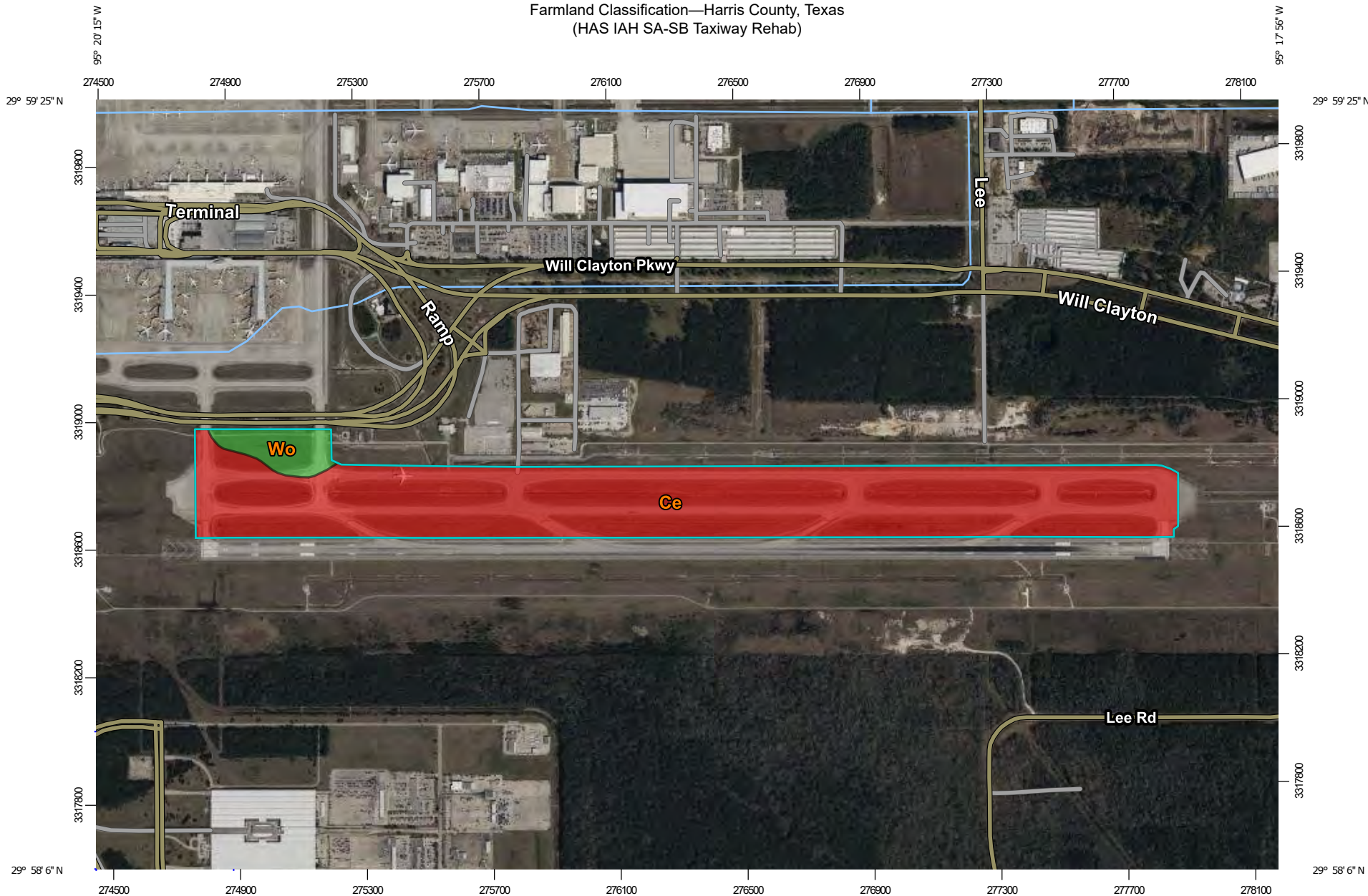
Photo 11. Overview of the drainage ditch between the Taxiway SA and SB at the west end, facing east.



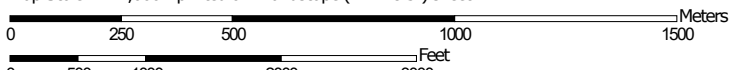
Photo 12. Overview of the drainage ditch between the Taxiway SA and SB near the east end, facing east.

Attachment 5
Farmland Classification Documentation

Farmland Classification—Harris County, Texas
(HAS IAH SA-SB Taxiway Rehab)



Map Scale: 1:17,000 if printed on A landscape (11" x 8.5") sheet.




Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 15N WGS84



Farmland Classification—Harris County, Texas
(HAS IAH SA-SB Taxiway Rehab)









MAP LEGEND








Area of Interest (AOI)






 Area of Interest (AOI)








Soils



Soil Rating Polygons

-  Not prime farmland
-  All areas are prime farmland
-  Prime farmland if drained
-  Prime farmland if protected from flooding or not frequently flooded during the growing season
-  Prime farmland if irrigated
-  Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season
-  Prime farmland if irrigated and drained
-  Prime farmland if irrigated and either protected from flooding or not frequently flooded during the growing season









-  Prime farmland if subsoiled, completely removing the root inhibiting soil layer
-  Prime farmland if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60
-  Prime farmland if irrigated and reclaimed of excess salts and sodium
-  Farmland of statewide importance
-  Farmland of statewide importance, if drained
-  Farmland of statewide importance, if protected from flooding or not frequently flooded during the growing season
-  Farmland of statewide importance, if irrigated

-  Farmland of statewide importance, if drained and either protected from flooding or not frequently flooded during the growing season
-  Farmland of statewide importance, if irrigated and drained
-  Farmland of statewide importance, if irrigated and either protected from flooding or not frequently flooded during the growing season
-  Farmland of statewide importance, if subsoiled, completely removing the root inhibiting soil layer
-  Farmland of statewide importance, if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60



































-  Farmland of statewide importance, if irrigated and reclaimed of excess salts and sodium
-  Farmland of statewide importance, if drained or either protected from flooding or not frequently flooded during the growing season
-  Farmland of statewide importance, if warm enough, and either drained or either protected from flooding or not frequently flooded during the growing season
-  Farmland of statewide importance, if warm enough
-  Farmland of statewide importance, if thawed
-  Farmland of local importance
-  Farmland of local importance, if irrigated

-  Farmland of unique importance
-  Not rated or not available

Soil Rating Lines

-  Not prime farmland
-  All areas are prime farmland
-  Prime farmland if drained
-  Prime farmland if protected from flooding or not frequently flooded during the growing season
-  Prime farmland if irrigated
-  Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season
-  Prime farmland if irrigated and drained
-  Prime farmland if irrigated and either protected from flooding or not frequently flooded during the growing season

Farmland Classification—Harris County, Texas
(HAS IAH SA-SB Taxiway Rehab)

	Prime farmland if subsoiled, completely removing the root inhibiting soil layer		Farmland of statewide importance, if drained and either protected from flooding or not frequently flooded during the growing season		Farmland of statewide importance, if irrigated and reclaimed of excess salts and sodium		Farmland of unique importance		Prime farmland if subsoiled, completely removing the root inhibiting soil layer
	Prime farmland if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60		Farmland of statewide importance, if irrigated and drained		Farmland of statewide importance, if drained or either protected from flooding or not frequently flooded during the growing season		Not rated or not available		Prime farmland if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60
	Prime farmland if irrigated and reclaimed of excess salts and sodium		Farmland of statewide importance, if irrigated and either protected from flooding or not frequently flooded during the growing season		Farmland of statewide importance, if warm enough, and either drained or either protected from flooding or not frequently flooded during the growing season		Soil Rating Points		Prime farmland if irrigated and reclaimed of excess salts and sodium
	Farmland of statewide importance		Farmland of statewide importance, if subsoiled, completely removing the root inhibiting soil layer		Farmland of statewide importance, if warm enough		Prime farmland if drained		Farmland of statewide importance
	Farmland of statewide importance, if protected from flooding or not frequently flooded during the growing season		Farmland of statewide importance, if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60		Farmland of statewide importance, if thawed		Prime farmland if protected from flooding or not frequently flooded during the growing season		Farmland of statewide importance, if drained
	Farmland of statewide importance, if irrigated				Farmland of local importance		Prime farmland if irrigated		Farmland of statewide importance, if protected from flooding or not frequently flooded during the growing season
					Farmland of local importance, if irrigated		Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season		Farmland of statewide importance, if irrigated
							Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season		

Farmland Classification—Harris County, Texas
(HAS IAH SA-SB Taxiway Rehab)

<p> Farmland of statewide importance, if drained and either protected from flooding or not frequently flooded during the growing season</p> <p> Farmland of statewide importance, if irrigated and drained</p> <p> Farmland of statewide importance, if irrigated and either protected from flooding or not frequently flooded during the growing season</p> <p> Farmland of statewide importance, if subsoiled, completely removing the root inhibiting soil layer</p> <p> Farmland of statewide importance, if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60</p>	<p> Farmland of statewide importance, if irrigated and reclaimed of excess salts and sodium</p> <p> Farmland of statewide importance, if drained or either protected from flooding or not frequently flooded during the growing season</p> <p> Farmland of statewide importance, if warm enough, and either drained or either protected from flooding or not frequently flooded during the growing season</p> <p> Farmland of statewide importance, if warm enough</p> <p> Farmland of statewide importance, if thawed</p> <p> Farmland of local importance</p> <p> Farmland of local importance, if irrigated</p>	<p> Farmland of unique importance</p> <p> Not rated or not available</p> <p>Water Features</p> <p> Streams and Canals</p> <p>Transportation</p> <p> Rails</p> <p> Interstate Highways</p> <p> US Routes</p> <p> Major Roads</p> <p> Local Roads</p> <p>Background</p> <p> Aerial Photography</p>	<p>The soil surveys that comprise your AOI were mapped at 1:20,000.</p> <p>Please rely on the bar scale on each map sheet for map measurements.</p> <p>Source of Map: Natural Resources Conservation Service Web Soil Survey URL: Coordinate System: Web Mercator (EPSG:3857)</p> <p>Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.</p> <p>This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.</p> <p>Soil Survey Area: Harris County, Texas Survey Area Data: Version 24, Aug 24, 2022</p> <p>Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.</p> <p>Date(s) aerial images were photographed: Mar 20, 2022—Mar 25, 2022</p> <p>The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.</p>
--	--	---	--

Farmland Classification

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
Ce	Clodine-Urban land complex, 0 to 1 percent slopes	Not prime farmland	174.1	94.4%
Wo	Wockley fine sandy loam, 0 to 1 percent slopes	All areas are prime farmland	10.3	5.6%
Totals for Area of Interest			184.5	100.0%

Description

Farmland classification identifies map units as prime farmland, farmland of statewide importance, farmland of local importance, or unique farmland. It identifies the location and extent of the soils that are best suited to food, feed, fiber, forage, and oilseed crops. NRCS policy and procedures on prime and unique farmlands are published in the "Federal Register," Vol. 43, No. 21, January 31, 1978.

Rating Options

Aggregation Method: No Aggregation Necessary

Tie-break Rule: Lower

Attachment 6
Construction Emissions Analysis Memorandum



MEMORANDUM: IAH Rehabilitation of Taxiways SA & SB - Construction Emissions Analysis

To:	Kara Marks, Freese and Nichols, Inc.
From:	Patricia Song, Jen Wolchansky, Mead & Hunt
Subject:	Houston IAH Rehabilitation of Taxiways SA & SB Construction Emission Analysis
Date:	March 29, 2023

The Houston Airport System (HAS) is proposing to rehabilitate pavement sections of Taxiways SA and SB at George Bush Intercontinental Airport (IAH) to address the aging pavement and visible pavement distress. The project involves milling and overlaying of existing asphalt taxiway and shoulder pavement, limited concrete panel repair and replacement, asphalt shoulder widening and construction, and associated replacement of taxiway lights, new airfield guidance signs, and drainage improvements to accommodate widened shoulders.

IAH is located in Harris County, Texas, which is classified as moderate nonattainment for Ozone (O₃) 2015 and severe non-attainment under the 2008 standards for ozone. The Airport is in attainment for all other National Ambient Air Quality Standards (NAAQS) pollutants. Construction emissions (classified as direct sources of emissions under the Clean Air Act (CAA) General Conformity Rule) “must be quantified and in some cases mitigated” to meet the requirements of the General Conformity Rule (FAA Aviation Emissions and Air Quality Handbook Version 3 Update 1, January 2015).

The Airport is preparing a Categorical Exclusion (CATEX) for the proposed project in accordance with the National Environmental Policy Act (NEPA). This air quality assessment was prepared in support of the CATEX. This memorandum documents the project’s construction emissions analysis process and results.

These sections that follow provide the following elements:

- Introduction & Overview of why the emissions analysis was conducted
- Description of the IAH Taxiway SA & SB Rehabilitation project and its characteristics/phases relevant to the analysis
- Overview of the methodology used and its major assumptions
- Modeling results
- Conclusion

The analysis results show that the construction emissions for each criteria pollutant fall well below the Environmental Protection Agency’s (EPA) de minimis thresholds.

1 Introduction

To protect public health and the environment, the Environmental Protection Agency (EPA) established National Ambient Air Quality Standards (NAAQS) for six criteria pollutants: ozone (O₃),¹ lead (Pb), carbon monoxide (CO), nitrogen dioxide (NO_x), sulfur dioxide (SO_x), and particulate matter with an aerodynamic diameter equal to or less than 10 microns (PM₁₀, or coarse particles) and 2.5 microns (PM_{2.5}). Areas where concentrations of the criteria pollutants are below (i.e., within) the NAAQS are classified as *attainment* areas. Areas not meeting the NAAQS are referred to as *nonattainment* areas. Nonattainment designations are generally based on the degree of nonattainment (e.g., serious, severe, moderate, marginal) which dictates the deadline (i.e., the attainment year) by which the area must be brought back into attainment with a NAAQS. A *maintenance area* was formerly in nonattainment, but has since transitioned to attainment, and is currently under a maintenance plan. At the time of this analysis, Harris County Texas is classified as moderate nonattainment for Ozone (O₃) 2015 and severe nonattainment under the 2008 standards for O₃.

The proposed project constitutes a Federal action being undertaken by the Airport Sponsor. As a Federal action, the proposed project must comply with the National Environmental Policy Act (NEPA), as well as the Clean Air Act (CAA). NEPA documentation is where the potential impacts of the Federal action on air quality are disclosed. To comply with the CAA, the proposed impacts to air quality must conform to the conditions of the applicable State implementation Plan (SIP), also known as General Conformity. If a project's net emissions are less than the *de minimis* levels (described below), then the Federal action is considered to be too small to adversely affect the air quality status of the area and is automatically considered to conform with the applicable SIP, thereby complying with general conformity requirements.

The EPA defines *de minimis* levels as the minimum threshold for which a conformity determination must be performed. Under the existing regulations, *de minimis* emission levels are listed for each criteria pollutant by their level of attainment. Annual emission rates in tons of pollutant per calendar year are used. Note, that Ozone (O₃) is not directly emitted by mobile sources but is formed when heat and sunlight cause chemical reactions between oxides of nitrogen (NO_x) and Volatile Organic Compounds (VOC) in the atmosphere. Thus, when an area is in nonattainment for ozone, such as the case in Harris County, it affects the *de minimis* thresholds of NO_x and VOC emissions. The relevant *de minimis* thresholds based upon the attainment status of each pollutant for Harris County Texas are shown in Table 1. Note that the thresholds for NO_x and VOCs reflect those for "severe" nonattainment, as this reclassification is imminent.

Table 1 Tons/Year of Pollutant by Source for De Minimis Thresholds

Pollutant	CO	NO _x (NO ₂)	SO ₂	PM ₁₀	PM _{2.5}	VOC
NAAQS Status	Attainment	Severe O ₃	Attainment	Attainment	Attainment	Severe O ₃
Threshold	100	25	100	100	100	25

Table 2 provides the specific NAAQS attainment status for Harris County Texas as of March 29, 2023. As shown, the County is in serious nonattainment for the 2008 8-hour Ozone (O₃) standard (0.075 ppm).

¹ Note that ozone is a secondary pollutant, meaning that it is formed from reactions of "precursor" compounds under certain conditions. The primary precursor compounds that lead to the formation of O₃ are volatile organic compounds (VOC) and oxides of nitrogen (NO_x).

The Ozone standards were revised in 2015 which resulted in a marginal nonattainment for the 2015 8-hour Ozone (O₃) standard (0.070 ppm). The County is in attainment for all other criteria pollutants.

Table 2 Harris County NAAQS Status (as of March 29, 2023)

County	NAAQS	Re-designation to Maintenance	Classification	Whole or/Part County
Harris County	8-House Ozone (2008)	//	Severe	Whole
Harris County	8-House Ozone (2015)	//	Moderate	Whole
Harris County	In attainment for other pollutants that have national air quality standards: lead, carbon monoxide, nitrogen dioxide, sulfur dioxide, particulate matter			

[Texas Nonattainment/Maintenance Status for Each County by Year for All Criteria Pollutants | Green Book | US EPA](#). The 1-Hour Ozone (1979) NAAQS Severe-17, and 8-Hour Ozone (1997) Severe-15 standards were revoked and no longer apply.

2 Project description

The project involves pavement rehabilitation for Taxiway SA & SB to address the aging, distressed panels, and damaged pavement. The project will comprise construction for shoulder widening, pavement crack repair, replacement of taxiway edge and centerline lights, installation of new airfield guidance signs, and drainage improvements to accommodate widened shoulders. The project area includes approximately 68 acres of pavement maintenance. The total cost of the project is estimated to be approximately \$65 million with construction scheduled to begin in August 2023 to May 2024.

3 Methodology

Airport Cooperative Research Program (ACRP) Report 102, *Guidance for Estimating Airport Construction Emissions*, published in 2014 provided a software tool (the Airport Construction Emissions Inventory Tool, or ACEIT) to analyze the construction emissions for airport construction projects. The ACEIT incorporates default emission factors from the EPA MOVES 2014 model and other sources to capture the resulting Non-Road, On-Road, and fugitive emissions produced by airport construction projects. However, since the ACEIT was published EPA has released updates to MOVES (2014b, 3.0.2) and recommends that the current MOVES 3.0.2 be used to determine the appropriate emission rates to use in current projects. This effort was therefore carried out using the ACEIT tool to estimate construction equipment uses, and using MOVES 3.0.2 emission rates to estimate the construction emissions of the project and assess whether they meet the requirements for CATEX approval.

The methodology and level of analysis for any conformity analysis is determined by the expected emissions and potential environmental impacts due to a project. This project was expected to result in emissions below de minimis levels. Therefore, a high-level, conservative approach was used to verify that this is indeed the case. The EPA has recently updated its MOVES emissions programs to version 3.0.2 which include a number of enhancements including changes to the Non-Road emission factors. The approach for construction emissions analysis included the following steps:

- Use the ACEIT software to estimate the project parameters for construction activities, their equipment types, and intensities for the project (hours and load factors).
- Use the MOVES 3.0.2 software to develop new Non-Road and On-Road emission rates by vehicle type, activity, and intensity (hp-hrs, or VMT).
- Apply the MOVES 3.0.2 emission rates to the ACEIT project parameters to estimate updated emissions by criteria pollutant and compare with the EPA de-minimis thresholds for additional conformity analyses.

3.1 Project Sizing using ACEIT software

The first step was to define the project parameters and activities using the ACEIT software. For a conservative assessment, the 10 month construction period was modeled to occur within a single calendar year, to represent the maximum total construction emissions that could occur within a year.

ACRP 104 guidance indicates that ACEIT users will need to choose between asphalt or concrete in defining project activities. In assessing the costs and quantities of material used, both asphalt and concrete were selected as the material used for modeling purposes. The amount of concrete construction was sized specific to the areas being rehabilitated with the remaining areas being assessed asphalt, as the Taxiways will be primarily milled and overlaid using asphalt and the widened shoulders using full depth asphalt construction. Construction of the shoulders was estimated as taxiway construction, to represent a conservative approach.

This ACEIT run provided the equipment by type, the number of hours used, and the load factor used for Non-Road and the VMT by vehicle type for On-Road construction emissions by scenario. Note, that while the ACEIT software also provides outputs on project level emissions, they are based on outdated emission factors and can no longer be used for conformity analyses. Therefore, current Non-Road and On-Road emission factors were sourced from MOVES 3.0.2 and used in the analysis.

3.2 MOVES 3.0.2 Analysis

The EPA MOVES 3.0.2 software update was released in September 2021. This software was installed and tested along with its new MARIADB SQL database and runs conducted for both Non-Road and On-Road emissions for Harris County Texas. The following runs for Harris County Texas were used:

- Non-Road
 - Summer
 - > Construction Equipment for Diesel fuel types
- On-Road (default Scale using the national database with state and local allocation factors)
 - Summer
 - All vehicle and road types

It is assumed that the summer emission rates are the same throughout the construction period. Summer emission rates were used for all calculations to produce a conservative estimate of emissions. Note that for the On-Road Analysis the National Default scale with local allocations was used, rather than a detailed local input database, to provide a conservative analysis of emissions.

The MOVES model outputs must be post processed to produce the actual emission rates and total emissions at a project level. This includes running the following MOVES SQL post processing scripts for each run:

- Non-Road: EmissionFactors_per_hphr_by_Equipment_and Horsepower.sql
- On-Road: EmissionRates.sql

These produce the emission rates by vehicle and fuel type and unit (g/hp-hr for off-road, and g/VMT for On-Road) for each month of the analysis. R-statistics scripts were then developed to obtain the project level rates. For Off-Road the maximum g/hp-hour for each vehicle type and season were estimated. For

the On-Road rates because of the longer time span, the average g/VMT for each activity and vehicle type were estimated.

3.3 Post Processing To Estimate Emissions By Criteria Pollutant.

The last step in the process was the post processing to apply the MOVES 3.0.2 rates to the ACEIT project parameters and activity. This included assigning the MOVES 3.0.2 vehicle types to the ACEIT vehicles, applying the rates by criteria pollutant, summing and converting from grams to tons of emissions.

Examples of the vehicle matching are:

From ACEIT			From Moves
Equipment	Fuel	HP Ave	MOVES_Veh
Bob Cat	Diesel	75	Skid Steer Loader - 75 hp
Dump Truck	Diesel	600	Off-highway Trucks - 600 hp
Excavator with Bucket	Diesel	175	Excavators -175 hp
Compacting Equipment	Diesel	6	Plate Compactors - 6 hp
Trencher	Diesel	75	Trenchers - 75 hp
40 Ton Rough Terrain Crane	Diesel	300	Cranes - 300 hp
Concrete Saws	Diesel	40	Concrete/Industrial Saws - 40 hp
Other General Equipment	Diesel	175	Other Constr. Equip. - 175 hp
Roller	Diesel	100	Roller - 100 hp
Concrete Truck	Diesel	600	Cement & Mortar Mixers - 600 hp

For the Non-Road calculations, the emission rates are applied to produce the emissions by multiplying the hours*LoadFactor*Rate/hp-hr.

The On-Road Rates were based upon the Urban Unrestricted Access Road Type. The On-Road rates for the different emission processes also had to be summed (e.g. Running Exhaust, Crankcase Running Exhaust, Refueling Spillage loss). While we often don't include the emissions due to workers commutes to and from the site we did include them for this analysis to provide an upper end of construction impacts.

4 Modeling Results

The results of the analysis are shown in Table 3, Table 4, and Table 55.

Table 3. Non-Road Emissions Detail (MOVES 3.0.2 rates)

Scenario ID	Year	Project	From NR Inv ACET				From Moves		Calc		Emissions short tons (Non Greenhouse)						
			Construction Activity	Equipment	Fuel	HP	Load	Hours of	MOVES_Veh	MOVES RowID	hp-hr	CO	NOx	SO2	PM10	PM2.5	VOC
1	2024	Rehabilitate Runway	Asphalt Placement	Asphalt Paver	Diesel	175	0.59	412.0875			42548.03	0.011537	0.000691	6.98E-05	0.002764	0.000197	
1	2024	Rehabilitate Runway	Asphalt Placement	Dump Truck	Diesel	600	0.59	1484.164			525394.2	0.058639	0.163843	0.000036	0.011755	0.011402	0.011251
1	2024	Rehabilitate Runway	Asphalt Placement	Other General Equipment	Diesel	175	0.43	824.175			62019.17	0.024655	0.0736	0.000105	0.00601	0.00583	0.004581
1	2024	Rehabilitate Runway	Asphalt Placement	Pickup Truck	Diesel	600	0.59	412.0875			148379	0.016282	0.045492	0.000232	0.003264	0.003166	0.003124
1	2024	Rehabilitate Runway	Asphalt Placement	Roller	Diesel	100	0.59	412.0875			24313.16	0.016929	0.037262	1.66E-05	0.002693	0.002633	0.002431
1	2024	Rehabilitate Runway	Asphalt Placement	Skid Steer Loader	Diesel	75	0.21	412.0875			6460.378	0.026988	0.031307	1.6E-05	0.002843	0.003727	0.005429
1	2024	Rehabilitate Runway	Asphalt Placement	Surfacing Equipment (Grooving)	Diesel	25	0.59	527.472			7780.212	0.01296	0.032323	1.88E-05	0.001484	0.001439	0.003052
1	2024	Rehabilitate Runway	Cold Milling	Cold Milling	Diesel	175	0.59	659.34			68776.86	0.027064	0.080789	0.000115	0.006597	0.006399	0.005028
1	2024	Rehabilitate Runway	Cold Milling	Dump Truck	Diesel	600	0.59	659.34			233406.4	0.026051	0.072787	0.000371	0.005222	0.005065	0.004998
1	2024	Rehabilitate Runway	Cold Milling	Pickup Truck	Diesel	600	0.59	659.34			233406.4	0.026051	0.072787	0.000371	0.005222	0.005065	0.004998
1	2024	Rehabilitate Runway	Cold Milling	Sweepers	Diesel	175	0.43	659.34			49615.34	0.019724	0.05888	8.38E-05	0.004808	0.004664	0.003665
1	2024	Rehabilitate Runway	Cold Milling	Water Truck	Diesel	600	0.59	659.34			233406.4	0.026051	0.072787	0.000371	0.005222	0.005065	0.004998
1	2024	Rehabilitate Runway	Concrete Demolition	Concrete Saws	Diesel	40	0.59	0			145	0	0	0	0	0	0
1	2024	Rehabilitate Runway	Concrete Demolition	Dump Truck	Diesel	600	0.59	0			305	0	0	0	0	0	0
1	2024	Rehabilitate Runway	Concrete Demolition	Excavator	Diesel	175	0.59	0			288	0	0	0	0	0	0
1	2024	Rehabilitate Runway	Concrete Demolition	Hydraulic Hammer	Diesel	175	0.59	0			288	0	0	0	0	0	0
1	2024	Rehabilitate Runway	Concrete Demolition	Other General Equipment	Diesel	175	0.43	0			288	0	0	0	0	0	0
1	2024	Rehabilitate Runway	Concrete Demolition	Pickup Truck	Diesel	600	0.59	0			305	0	0	0	0	0	0
1	2024	Rehabilitate Runway	Concrete Placement	Air Compressor	Diesel	100	0.43	120			266	5160	0.009825	9.69E-06	0.000787	0.000763	0.000506
1	2024	Rehabilitate Runway	Concrete Placement	Concrete Saws	Diesel	40	0.59	120			145	2832	0.008266	5.02E-05	0.001388	0.001341	0.001941
1	2024	Rehabilitate Runway	Concrete Placement	Concrete Truck	Diesel	600	0.59	120			166	17000	0.147263	0.465439	0.000323	0.000892	0.002035
1	2024	Rehabilitate Runway	Concrete Placement	Rubber Tired Loader	Diesel	175	0.59	120			212	12390	0.003404	0.00614	2.03E-05	0.000229	0.000804
1	2024	Rehabilitate Runway	Concrete Placement	Slip Form Paver	Diesel	175	0.59	120			112	12390	0.00336	0.00614	2.03E-05	0.000229	0.000804
1	2024	Rehabilitate Runway	Concrete Placement	Surfacing Equipment (Grooving)	Diesel	25	0.59	120			66	1770	0.002948	0.00753	4.27E-05	0.000338	0.000327
1	2024	Rehabilitate Runway	Dust Control	Water Truck	Diesel	600	0.59	120			305	49260	0.094624	0.269446	0.001351	0.001908	0.004819
1	2024	Rehabilitate Runway	Lighting	Dump Truck	Diesel	600	0.59	295.1333			305	104477.2	0.011663	0.032583	0.000166	0.002287	0.002237
1	2024	Rehabilitate Runway	Lighting	Loader	Diesel	175	0.59	295.1333			231	30472.52	0.042705	0.075499	6.46E-05	0.009141	0.008867
1	2024	Rehabilitate Runway	Lighting	Other General Equipment	Diesel	175	0.43	295.1333			268	22208.78	0.008829	0.026356	3.75E-05	0.002081	0.002164
1	2024	Rehabilitate Runway	Lighting	Pickup Truck	Diesel	600	0.59	295.1333			305	104477.2	0.011663	0.032583	0.000166	0.002287	0.002237
1	2024	Rehabilitate Runway	Lighting	Skid Steer Loader	Diesel	75	0.21	295.1333			242	4686.35	0.019328	0.022472	1.14E-05	0.002752	0.002699
1	2024	Rehabilitate Runway	Lighting	Tractors/Loader/Backhoe	Diesel	100	0.21	295.1333			39	6197.4	0.002647	0.019866	1.46E-05	0.002739	0.002632
1	2024	Rehabilitate Runway	Markings	Flatbed Truck	Diesel	600	0.59	845.71			305	29381.3	0.033414	0.093361	0.000476	0.006698	0.006497
1	2024	Rehabilitate Runway	Markings	Other General Equipment	Diesel	175	0.43	845.71			268	63839.68	0.0253	0.075233	0.000107	0.002617	0.002601
1	2024	Rehabilitate Runway	Markings	Pickup Truck	Diesel	600	0.59	845.71			305	29381.3	0.033414	0.093361	0.000476	0.006698	0.006497
1	2024	Rehabilitate Runway	Sealing Random Cracks	Crack Cleaner	Diesel	40	0.59	62.85714			268	3483.429	0.000619	0.004285	2.62E-05	6.85E-05	0.000177
1	2024	Rehabilitate Runway	Sealing Random Cracks	Crack Filler (Trailer Mounted)	Diesel	100	0.43	62.85714			266	2702.857	0.002813	0.005146	5.08E-05	0.000412	0.000385
1	2024	Rehabilitate Runway	Sealing Random Cracks	Flatbed Truck	Diesel	600	0.59	62.85714			305	22251.43	0.002483	0.006939	3.54E-05	0.000498	0.000483
1	2024	Rehabilitate Runway	Sealing Random Cracks	Other General Equipment	Diesel	175	0.43	62.85714			268	4730	0.001881	0.005613	7.95E-06	0.000458	0.000445
1	2024	Rehabilitate Runway	Sealing Random Cracks	Pickup Truck	Diesel	600	0.59	62.85714			305	22251.43	0.002483	0.006939	3.54E-05	0.000498	0.000483
1	2024	Taxiways	Asphalt Placement	Asphalt Paver	Diesel	175	0.59	76.3125			12	7879.266	0.002117	0.005644	1.29E-05	0.000514	0.000355
1	2024	Taxiways	Asphalt Placement	Dump Truck	Diesel	600	0.59	274.8632			305	97295.2	0.010859	0.030441	0.000155	0.002177	0.002111
1	2024	Taxiways	Asphalt Placement	Other General Equipment	Diesel	175	0.43	152.625			268	11485.03	0.004566	0.01363	1.94E-05	0.000113	0.000848
1	2024	Taxiways	Asphalt Placement	Pickup Truck	Diesel	600	0.59	76.3125			305	27014.63	0.003015	0.008424	4.31E-05	0.000064	0.000588
1	2024	Taxiways	Asphalt Placement	Roller	Diesel	100	0.59	76.3125			39	4502.438	0.003116	0.006919	8.22E-05	0.000045	0.000265
1	2024	Taxiways	Asphalt Placement	Skid Steer Loader	Diesel	75	0.21	76.3125			242	1201.922	0.004998	0.005798	2.95E-05	0.000712	0.000691
1	2024	Taxiways	Asphalt Placement	Surfacing Equipment (Grooving)	Diesel	25	0.59	97.68			66	1440.78	0.0034	0.005886	3.48E-05	0.000275	0.000265
1	2024	Taxiways	Excavation (Borrow)	Dozer	Diesel	175	0.59	339.1667			322	35018.96	0.008203	0.023395	5.69E-05	0.000294	0.000231
1	2024	Taxiways	Excavation (Borrow)	Dump Truck (12 cy)	Diesel	600	0.59	339.1667			305	120065	0.0134	0.037442	0.000191	0.002686	0.002631
1	2024	Taxiways	Excavation (Borrow)	Pickup Truck	Diesel	600	0.59	339.1667			305	120065	0.0134	0.037442	0.000191	0.002686	0.002631
1	2024	Taxiways	Excavation (Cut to Fill)	Roller	Diesel	100	0.59	156.5385			39	9235.789	0.006393	0.014493	1.69E-05	0.000593	0.000544
1	2024	Taxiways	Excavation (Cut to Fill)	Dozer	Diesel	175	0.59	254.375			322	26284.22	0.006153	0.017546	4.27E-05	0.000571	0.000524
1	2024	Taxiways	Excavation (Cut to Fill)	Dump Truck (12 cy)	Diesel	600	0.59	678.3333			305	240130	0.026801	0.074884	0.000383	0.005372	0.005211
1	2024	Taxiways	Excavation (Cut to Fill)	Excavator	Diesel	175	0.59	203.5			288	21011.38	0.003707	0.010636	3.37E-05	0.000489	0.000492
1	2024	Taxiways	Excavation (Cut to Fill)	Pickup Truck	Diesel	600	0.59	203.5			305	72039	0.00804	0.022465	0.000111	0.001612	0.001563
1	2024	Taxiways	Excavation (Cut to Fill)	Roller	Diesel	100	0.59	203.5			39	12006.5	0.00831	0.018451	2.34E-05	0.001289	0.001202
1	2024	Taxiways	Excavation (Cut to Fill)	Scraper	Diesel	600	0.59	254.375			277	90488.75	0.003392	0.008203	0.000152	0.000574	0.000504
1	2024	Taxiways	Excavation (Topsoil Stripping)	Dozer	Diesel	175	0.59	95.76471			322	9887.706	0.002316	0.006006	1.61E-05	0.000591	0.000574
1	2024	Taxiways	Grading	Dozer	Diesel	175	0.59	73.3266			322	7570.971	0.001774	0.005628	1.29E-05	0.000443	0.000439
1	2024	Taxiways	Grading	Grader	Diesel	300	0.59	73.3266			300	12978.81	0.001928	0.005254	2.09E-05	0.000417	0.000404
1	2024	Taxiways	Grading	Roller	Diesel	300	0.59	73.3266			39	4265.269	0.002994	0.006948	7.9E-05	0.000446	0.000443
1	2024	Taxiways	Grading	Hydroseeder	Diesel	600	0.59	66.06			270	23385.24	0.001431	0.043176	4.25E-05	0.003142	0.003048
1	2024	Taxiways	Hydroseeding	Off-Road Truck	Diesel	600	0.59	66.06			305	23385.24	0.002061	0.007093	3.72E-05	0.000523	0.000508
1	2024	Taxiways	Soil Erosion/Sediment Control	Other General Equipment	Diesel	1											



Table 4 On-Road Emission Detail (Moves 3.0.2 Rates)

From OR.Inv.ACEIT													
Scenario ID	Year	Project	Equipment	Equipment Category	On-road Activity	Fuel	VMT	CO	NOx	SO2	PM10	PM2.5	VOC
1	2024	Rehabilitate Runway	Asphalt 18 Wheeler	Combination Short-haul Truck	Material Delivery	Diesel	43,094	0.121667	0.191244	0.000284	0	0.002968	0.006788
1	2024	Rehabilitate Runway	Cement Mixer	Single Unit Short-haul Truck	Material Delivery	Diesel	686,813	0.836063	1.590266	0.003311	0	0.043868	0.135525
1	2024	Rehabilitate Runway	Dump Truck - Asphalt	Single Unit Short-haul Truck	Material Delivery	Diesel	61,050	0.074317	0.141357	0.000294	0	0.003899	0.012047
1	2024	Rehabilitate Runway	Dump Truck Subbase Material	Single Unit Short-haul Truck	Material Delivery	Diesel	366,300	0.4459	0.848141	0.001766	0	0.023396	0.07228
1	2024	Rehabilitate Runway	Passenger Car	Passenger Car	Employee Commute	Gasoline	3,902,250	15.04101	0.419199	0.010254	0	0.008424	0.278003
1	2024	Taxiways	Asphalt 18 Wheeler	Combination Short-haul Truck	Material Delivery	Diesel	7,980	0.02253	0.035414	5.26E-05	0	0.00055	0.001257
1	2024	Taxiways	Cement Mixer	Single Unit Short-haul Truck	Material Delivery	Diesel	127,188	0.154827	0.294495	0.000613	0	0.008124	0.025097
1	2024	Taxiways	Dump Truck - Asphalt	Single Unit Short-haul Truck	Material Delivery	Diesel	11,306	0.013763	0.026178	5.45E-05	0	0.000722	0.002231
1	2024	Taxiways	Dump Truck Subbase Material	Single Unit Short-haul Truck	Material Delivery	Diesel	67,833	0.082574	0.157062	0.000327	0	0.004333	0.013385
1	2024	Taxiways	Passenger Car	Passenger Car	Employee Commute	Gasoline	709,500	2.734729	0.076218	0.001864	0	0.001532	0.050546



Table 5. Fugitive Details

Scenario ID	Year	Project	Fugitive Source Type	Number of Months	CO	NOx	SO2	PM10	VOC
1	2024	Rehabilitate Runway	Asphalt Drying	10	0	0	0	0	0
1	2024	Rehabilitate Runway	Asphalt Storage and Batching	10	7.1861	0.4487	0.08255	0.4921	0
1	2024	Rehabilitate Runway	Concrete Mixing/Batching	10	0	0	0	2.5412	0
1	2024	Rehabilitate Runway	Material Movement (Paved Roads)	10	0	0	0	0.34425	0
1	2024	Rehabilitate Runway	Material Movement (Unpaved Roads)	10	0	0	0	1.07265	0
1	2024	Rehabilitate Runway	Soil Handling	10	0	0	0	0.84065	0
1	2024	Rehabilitate Runway	Unstabilized Land and Wind Erosion	10	0	0	0	9.985E-07	0
1	2024	Taxiways	Asphalt Drying	10	0	0	0	0	0
1	2024	Taxiways	Asphalt Storage and Batching	10	1.33075	0.0831	0.0153	0.09115	0
1	2024	Taxiways	Material Movement (Paved Roads)	10	0	0	0	0.06985	0
1	2024	Taxiways	Material Movement (Unpaved Roads)	10	0	0	0	0.2251	0
1	2024	Taxiways	Soil Handling	10	0	0	0	0.15565	0
1	2024	Taxiways	Unstabilized Land and Wind Erosion	10	0	0	0	1.849E-07	0

5 Conclusion

Table 6 provides a comparison of the project level emissions by year for each criteria pollutant alongside de minimis thresholds (provided in Table 1). Construction emissions for NO_x and VOC are subject to the General Conformity Applicability Analysis since Harris County is in nonattainment for these pollutants.

As shown, the project level emissions for both NO_x and VOC fall well below the de minimis thresholds. Therefore, the proposed project is presumed to conform, and a formal General Conformity Determination is not required. In addition, the proposed project would not significantly affect air quality, because no criteria pollutant would exceed its respective de minimis threshold.

Table 6. Summary of Emissions and De-Minimis Thresholds

	Emission Source	CO	NO _x *	SO ₂	PM ₁₀	PM _{2.5}	VOC*	CO ₂	CH ₄	N ₂ O
2024	NonRoad	1.1323	3.0384	0.0098	0.2152	0.2088	0.2140	3271.8471	0.0133	0.0000
	On-Road	19.5274	3.7796	0.0188	0.0000	0.0978	0.5972	3467.6474	0.0785	0.0140
	Fugitive	8.5169	0.5318	0.0979	5.8326	--	0.0000	--	--	--
	Total	29.1765	7.3498	0.1265	6.0478	0.3066	0.8112	6739.4945	0.0918	0.0140
De-Minimus Threshold		100	25	100	100	100	25			

NonRoad and On-Road results from MOVES 3.0.2, Fugitive emissions results from ACEIT.

Attachment 7
Hazardous Materials Review

November 14, 2022

Ms. Kim Tourloukis
Houston Airport System
111 Standifer Street
Humble, Texas 77338

**Subject: Hazardous Materials Review
George Bush Intercontinental Airport (IAH) Taxiways
Taxiways SA-SB Rehabilitation Project
Houston Airport System
Houston, Harris County, Texas 77032**

Dear Ms. Tourloukis,

Cypress Environmental Consulting LLC (CEC) has completed a hazardous materials review for the proposed Houston Airport System (HAS) George Bush Intercontinental Airport (IAH) Taxiways SA-SB Rehabilitation Project located in Houston, Harris County, Texas 77032 (“Site”, **Appendix A**). This letter includes a review of the regulatory agency environmental records database provided by Environmental Risk Information Systems (ERIS), historical aerial imagery and topographic maps, and a summary of the site reconnaissance conducted to visually review the Site for hazardous materials concerns.

Background Review

The project area consists of approximately 184.4-acres of existing taxiways located at IAH in Houston, Harris County, Texas 77032. According to the Harris County Appraisal District (HCAD), the APE is comprised of three (3) parcels owned by the City of Houston and is centered at the approximate coordinates of 29.979031°N, 95.319206°W (**Appendix A, Figure 1**). These parcels include #0441130001004, #0441130001012, and #0460270001002 (HCAD 2022; **Appendix F**).

The site is located on the *Humble, Texas* U.S. Geological Survey (USGS) 7.5-minute quadrangle sheet (**Appendix A, Figure 2**) and depicts the Site as developed with a slight slope to the east. Elevations range between 90 feet above mean sea level (AMSL) at the west end to 85 feet AMSL at the east end.

According to the U.S. Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS) Web Soil Survey database, there are two mapped soil types within the Site. The soil types include Wockley fine sandy loam (Wo) located within the northwest corner of the Site, and Clodine-Urban land complex (Ce) located across the remainder of the Site (**Appendix A, Figure 4**).

An evaluation of historical aerial photographs (1938-2020) and historical topographic maps (1916-2019) for the Site and adjoining properties was conducted in order to identify potential hazardous materials concerns associated with historical land uses of the Site. Historical aerial photographs are provided in **Appendix C** and historical topographic maps are provided in **Appendix D**.

According to the earliest available topographic map (1916), the Site and the land surrounding the Site was undeveloped with the exception of a few unimproved roads and ponds scattered in the area. In 1967, airport construction began in the areas surrounding the Site. The 1981 aerial imagery shows the Site and adjacent land as cleared and graded for construction and by 1989, the Site was developed as a paved taxiway. Between 2003 and 2004, improvements of the taxiway along the western portion of the Site are visible. Since the improvements in 2004, the Site has remained substantially similar to the present day.

Site Reconnaissance

A site reconnaissance investigation was completed on October 21, 2022 to document on-site conditions and property use. The Site is developed as two taxiways with eleven maintained grass-covered medians. There are two stormwater drainage ditches and three storm drain intake structures located within the Site. In addition, there are utilities including electric, lighting, and storm sewer system within the Site. No hazardous materials are stored at the Site, and no hazardous materials concerns were identified during site reconnaissance. Photographs of the Site taken during the site reconnaissance investigation are included in **Appendix B**.

Regulatory Summary

A search of available government records (federal, state, local, and tribal) on regulated facilities was provided by ERIS on October 13, 2022, (**Appendix E-1**) and is summarized by CEC in **Table 1**. A search of fire insurance maps (**Appendix E-2**) was also reviewed for the Site.

Table 1 – Regulatory Database Summary

Database	Search Radius (mile)	Site	Adjoining Site Properties	Surrounding Properties
Formerly Utilized Sites Remedial Action Program	1.00	0	0	0
Federal NPL or Delisted NPL Site	1.00	0	0	0
Federal SEMS/SEMS Archive Sites	0.5	0	0	1
Federal CERCLIS Site	0.50	0	0	0
Federal CERCLIS-NFRAP Site	0.50	0	0	0
Federal RCRA CORRACTS Facility	1.00	0	0	0
Federal RCRA TSD Facility	0.50	0	0	0
Federal RCRA Generators Site (LQG, SQG, VSQG)	0.25	0	0	0
Federal IC/EC Registries	0.50	0	0	0
Federal ERNS Site	Site	0	NA	NA
Federal HMIRS	0.125	0	0	0
Federal ALT FUELS	0.25	0	0	0
State/Tribal Equivalent NPL	1.00	0	0	0
State/Tribal Landfill/Solid Waste Disposal Site	0.50	0	0	0
State/Tribal Leaking Storage Tank Site (LPST)	0.50	0	0	15
State/Tribal Registered Storage Tank Sites (UST/AST/PST/HIST)	0.25	0	1	5
State/Tribal Voluntary Cleanup Sites (VCP)	0.50	0	0	0
Industrial Hazardous Waste (IHW)	0.25	0	0	0
Industrial Hazardous Waste Corrective Action (IHWCA)	1.00	0	0	3
Federal Brownfield Sites	0.50	0	0	0
State Brownfield Sites	0.50	0	0	0
State SPILLS	0.125	0	0	0
Other Federal/State Databases	Varies	0	1	2

There were no records pertaining to the Site identified on any of the searched regulatory databases. One record was identified in the Superfund Enterprise Management System (SEMS) for a Superfund (Non-NPL) property within 0.25-mile of the Site. This record received a final action on March 30, 2020 and does not pose a threat of hazardous materials concern for the Site.

In addition, three records were identified on the Industrial and Hazardous Waste Sites with Corrective Action (IHWCA) database within 1.0-mile of the Site. Two records are inactive and are considered closed by TCEQ. One record from August 17, 2020 is still active at the IAH Old Terminal C North, located 0.36-mile northwest of the Site. A review of available information on the TCEQ Central Database indicates that there was contamination of groundwater with Total Petroleum Hydrocarbon (TPH) and that the cleanup efforts are underway. The site is subject to groundwater monitoring which includes seven permanent wells. The groundwater flows to the southeast, towards the Site; however, no monitoring wells were placed within the Site. An Affected Property Assessment Report (APAR) was completed in September 2021 where an affected property boundary was established for the contamination. This affected property boundary is located outside of the Site and therefore does not pose a threat of hazardous materials concern for the Site.

Lastly, fifteen (15) leaking petroleum storage tank sites were recorded within 0.5-mile of the Site. Fourteen (14) of the reports received final concurrence for their corrective actions and are marked as closed. One of the reports is active indicating groundwater contamination with no apparent threats or impacts to nearby receptors. Based on a review of the regulatory database reports, there are no environmental records pertaining to the Site or adjacent properties that pose a risk of encountering hazardous materials during construction of the proposed project.

CEC also reviewed the Railroad Commission of Texas (RRC) Public GIS Database. No oil or gas wells were identified within the Site. Two pipelines were identified at the eastern end of the project area: one Refined Liquid Product Transmission pipeline and one Highly Volatile Liquid Transmission pipeline. Minor scraping and/or excavation activities may be necessary in order to re-grade and rehabilitate the existing pavement on the taxiways; therefore, contractors should be made aware of the pipelines and utilities should be located and marked prior to any excavation activities (**Appendix F**).

The City of Houston 2021 Annual Water Quality Report identifies the source of the drinking water to be surface water from the San Jacinto River (Lake Conroe and Lake Houston) and Trinity River (Lake Livingston) as well as groundwater wells from the Evangeline & Chicot Aquifers. According to the Texas Water Development Board (TWDB), there are no groundwater wells within the Site. Six groundwater wells are located within a 1-mile radius of the Site. No hazardous materials concerns were identified during the review of the water well information. Information on the wells is provided in **Appendix F**.

Findings and Conclusions

The Site has been developed as part of the IAH airport since 1989 and includes two paved taxiways, eleven maintained grass-covered medians with two stormwater drainage ditches, and lighting and utilities.

There are two pipelines located at the eastern end of the project area that have the potential to pose an environmental concern to the Site. To ensure that the pipelines will not be impacted by construction, contractors should be made aware of the existence and location of these pipelines prior to completing construction activities.

No other hazardous materials concerns were identified during a review of historical aerial imagery and historical topographic maps or during site reconnaissance. In addition, there are no records in the searched environmental databases pertaining to the Site and records pertaining to nearby properties

were reviewed and determined to not present an environmental liability to the Site. Therefore, it is our opinion that no further investigation is warranted.

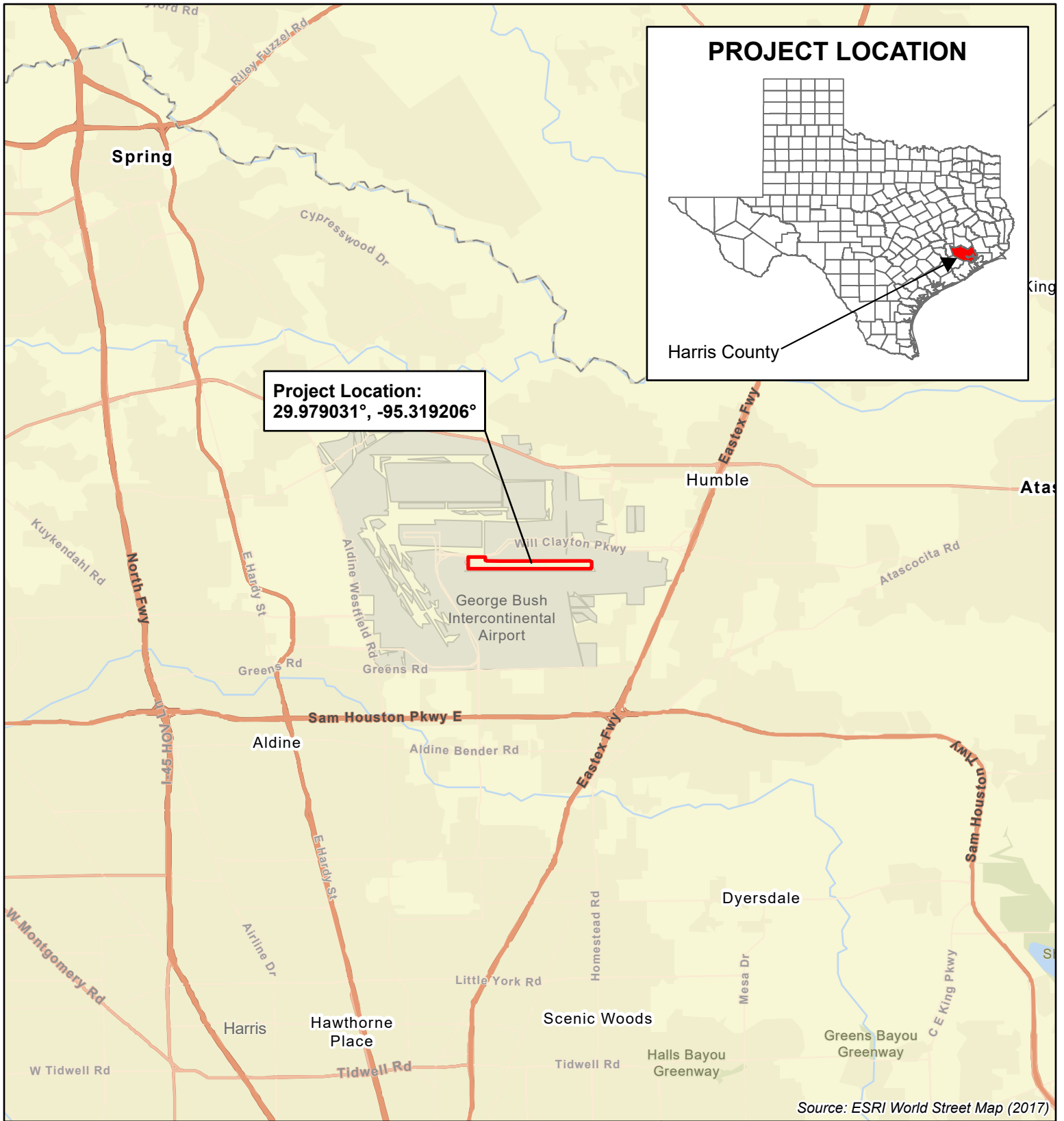
Sincerely,



Melissa Fontenot
Environmental Professional
Cypress Environmental Consulting LLC

Attachments

Appendix A
Figures



Project Location:
 29.979031°, -95.319206°



Legend

 Project Area



**FIGURE 1
 VICINITY MAP**

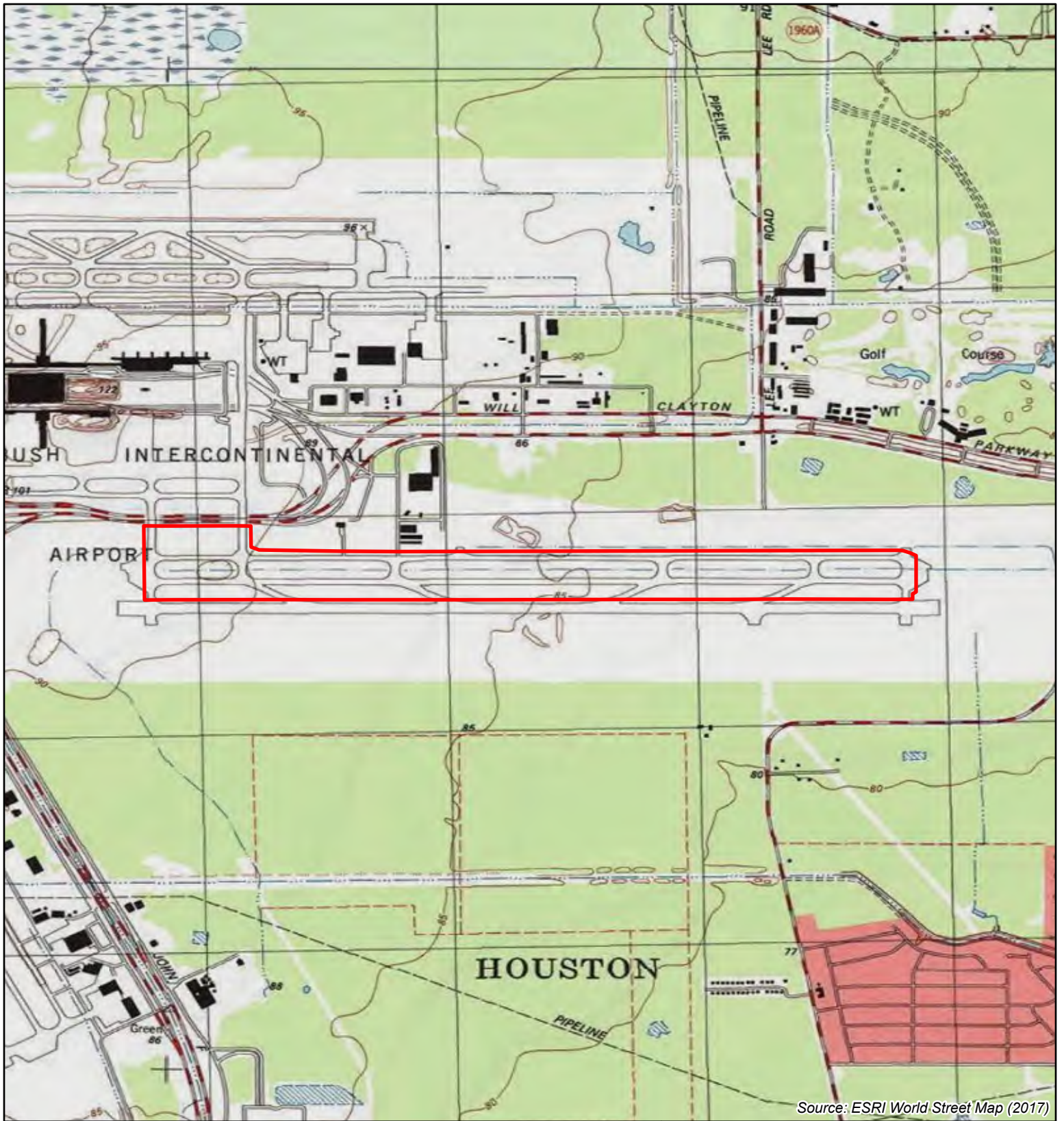
**IAH TAXIWAY SA-SB
 REHAB PROJECT
 HOUSTON, HARRIS COUNTY, TEXAS 77032**



1 inch = 2 mile



Prepared By: Cypress Environmental Consulting LLC
 Project Number: 022306
 Date: 10/5/2022



Source: ESRI World Street Map (2017)

Legend

 Project Area



**FIGURE 2
TOPOGRAPHIC MAP**

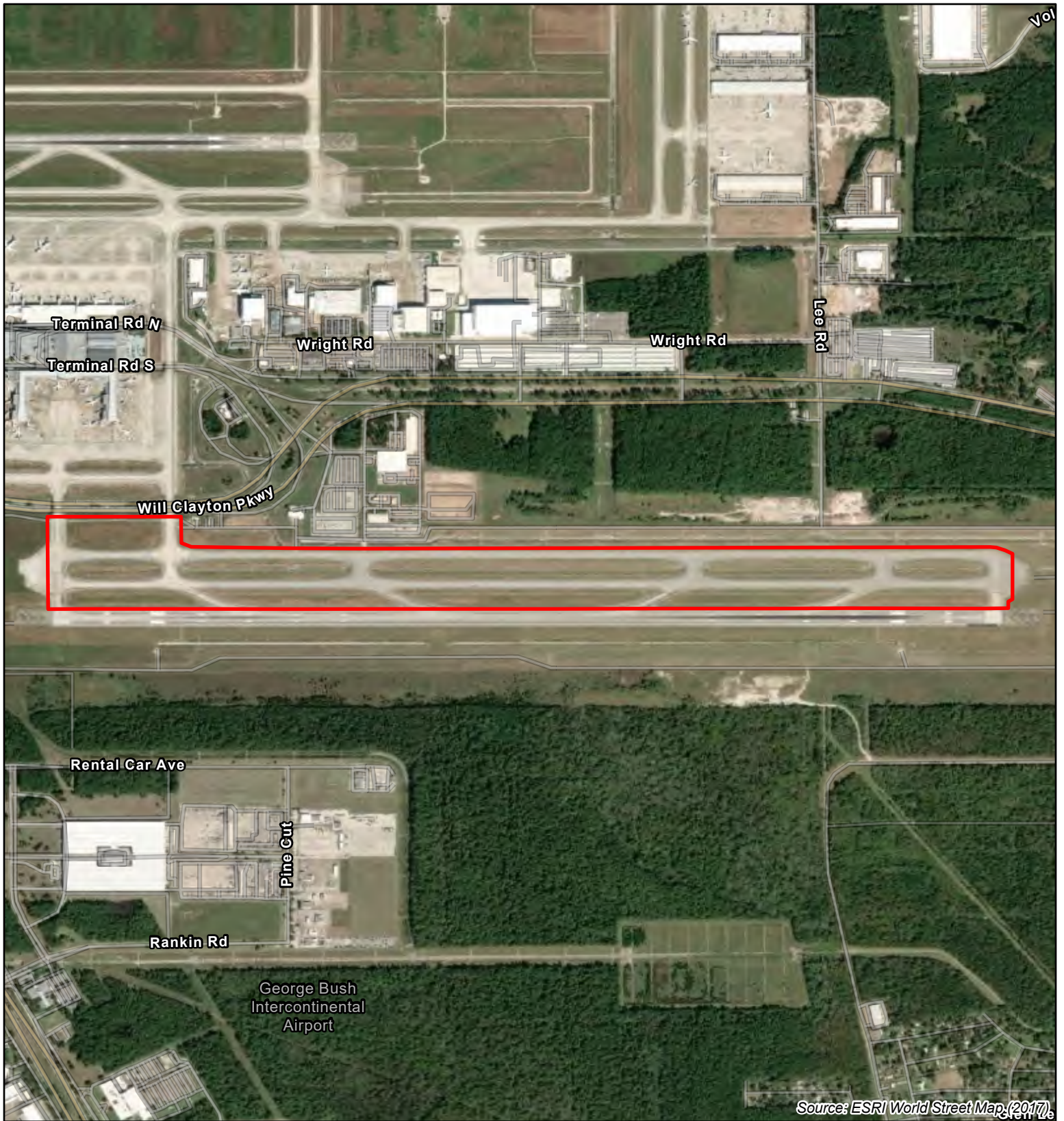
IAH TAXIWAY SA-SB
REHAB PROJECT
HOUSTON, HARRIS COUNTY, TEXAS 77032

0 1,000 2,000 4,000 6,000
Feet

1 inch = 2,000 feet



Prepared By: Cypress Environmental Consulting LLC
Project Number: 022306
Date: 10/7/2022



Source: ESRI World Street Map, (2017)

Legend

 Project Area



**FIGURE 3
AERIAL IMAGE**

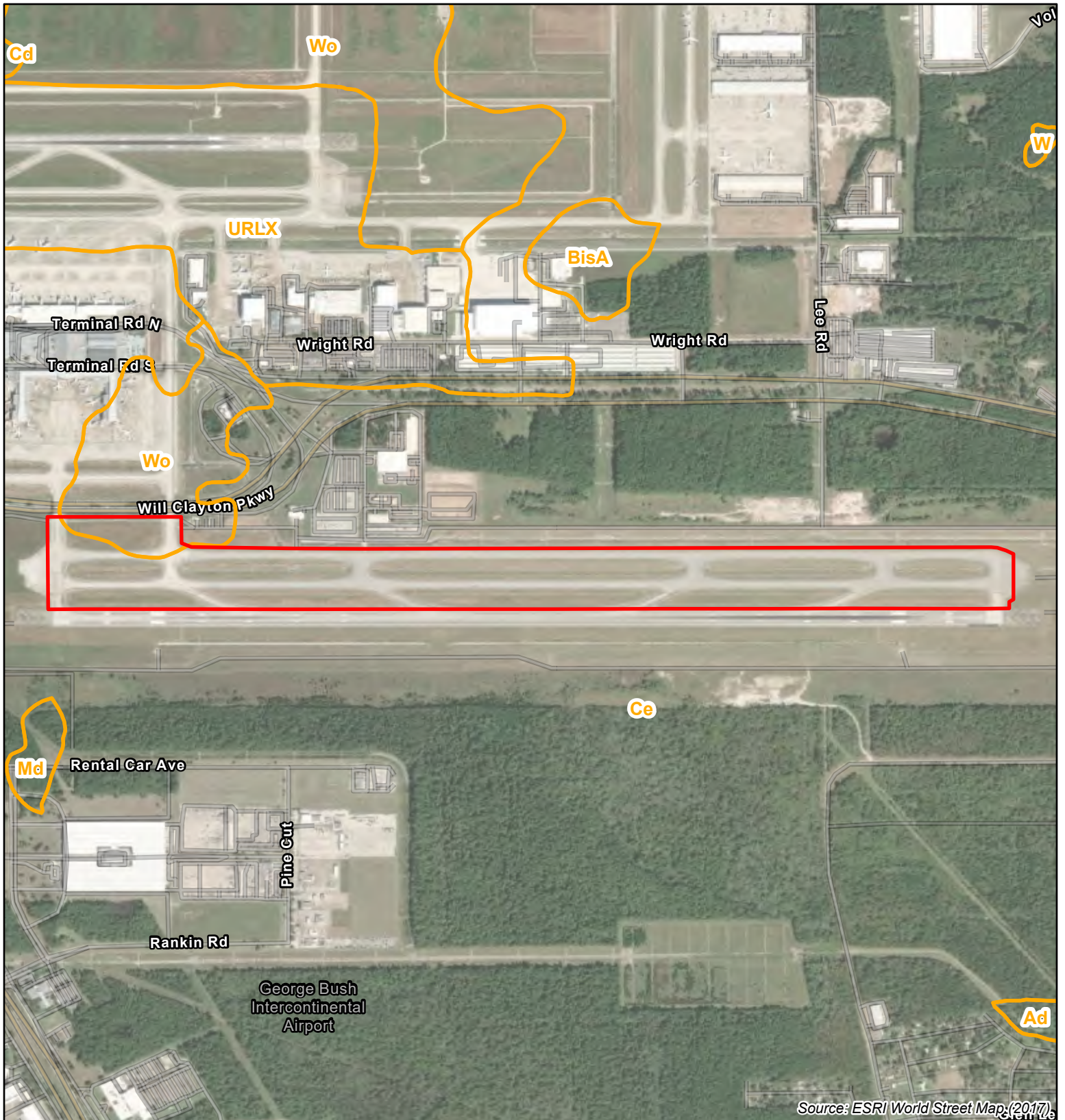
IAH TAXIWAY SA-SB
REHAB PROJECT
HOUSTON, HARRIS COUNTY, TEXAS 77032

0 800 1,600 3,200 4,800
Feet

1 inch = 1,600 feet



Prepared By: Cypress Environmental Consulting LLC
Project Number: 022306
Date: 10/7/2022

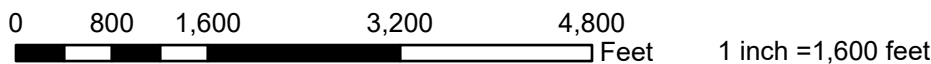


Source: ESRI World Street Map, (2017)

Legend

- Project Area
- NRCS Soil Type

- Ad - Addicks loam, 0-1% slopes
- BisA - Bissonnet loam, 0-1% slopes
- Cd - Clodine fine sandy loam, 0-1% slopes
- Ce - Clodine-Urban land complex, 0-1% slopes
- Md - Verland silty clay loam
- URLX - Urban land
- W - Water
- Wo - Wockley fine sandy loam, 0-1% slopes



**FIGURE 4
NRCS SOILS MAP**

IAH TAXIWAY SA-SB
REHAB PROJECT
HOUSTON, HARRIS COUNTY, TEXAS 77032



Prepared By: Cypress Environmental Consulting LLC
Project Number: 022306
Date: 10/7/2022

Appendix B
Site Photographs



Photo 1. Overview of the project area from the northwest corner, facing east.



Photo 2. Overview of the project area from the northwest corner, facing south.



Photo 3. Overview of the project area from the southwest corner, facing north.



Photo 4. Overview of the project area from the southwest corner, facing east.



Photo 5. Overview of the project area from the northeast corner, facing southwest.



Photo 6. Overview of the project area from the southeast corner, facing northwest.



Photo 7. Overview taken near the center of the project area, facing south.



Photo 8. Overview taken near the center of the project area, facing west.



Photo 9. View of Taxiway SA near the center of the project area, facing east.



Photo 10. View of Taxiway SB near the southeastern end of the project area, facing west.



Photo 11. Overview of the northern drainage ditch (north of Taxiway SA) at the west end, facing east.



Photo 12. View of the northern drainage ditch (north of Taxiway SA) at the east end, facing west.

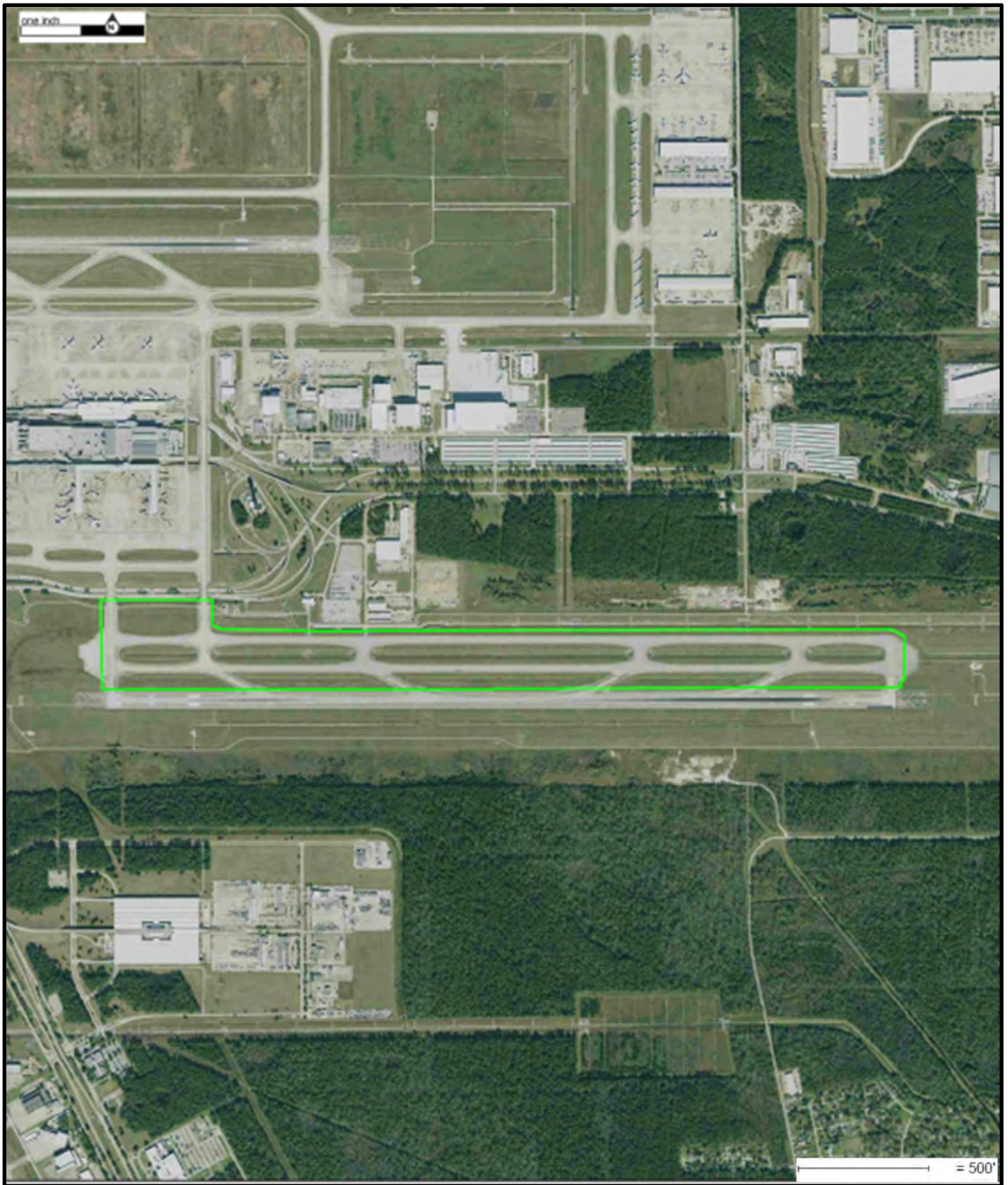


Photo 13. View of the drainage ditch between Taxiway SA and SB at the west end, facing east.



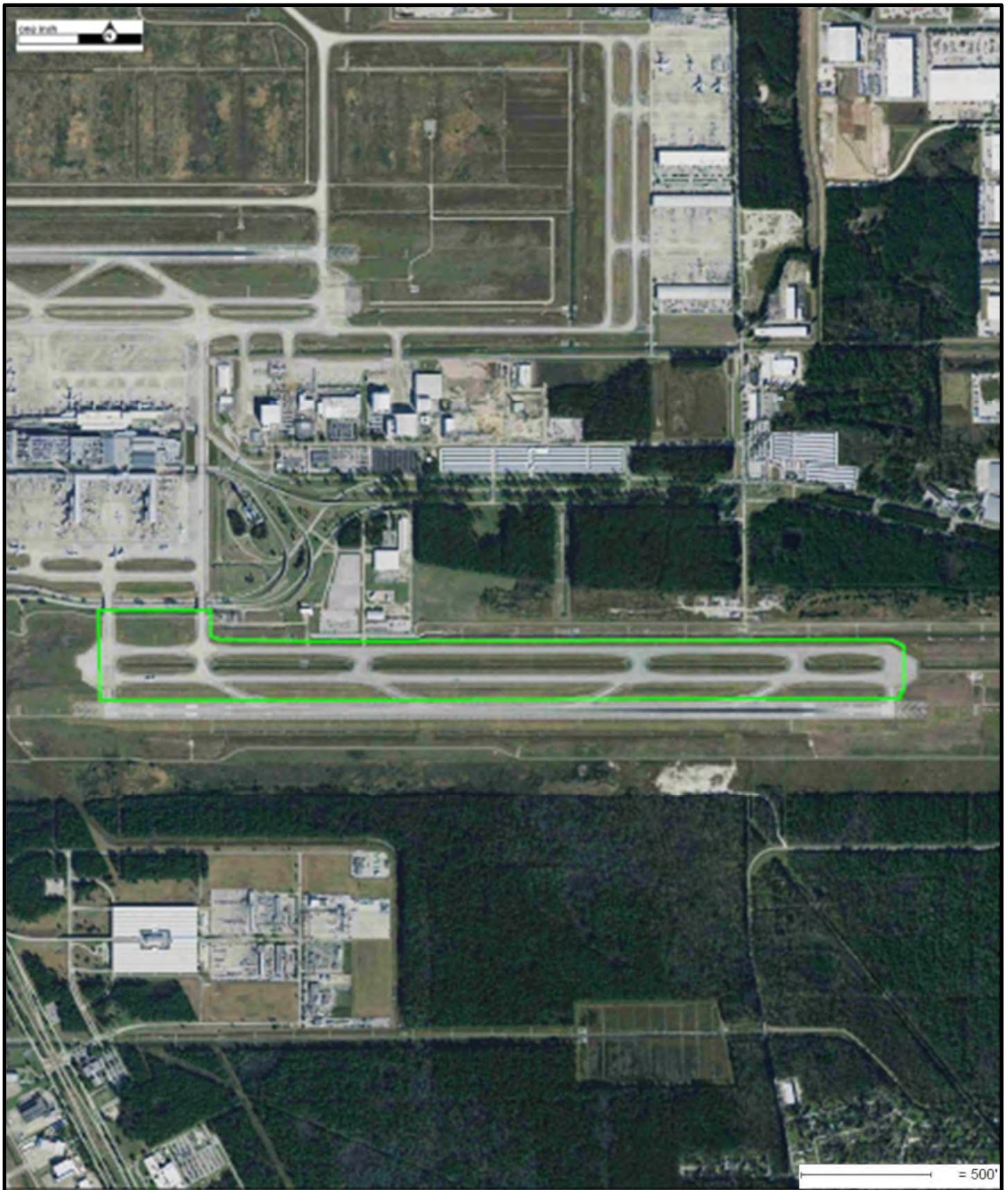
Photo 14. View of the drainage ditch between Taxiway SA and SB near the east end, facing east.

Appendix C
Historical Aerial Photographs



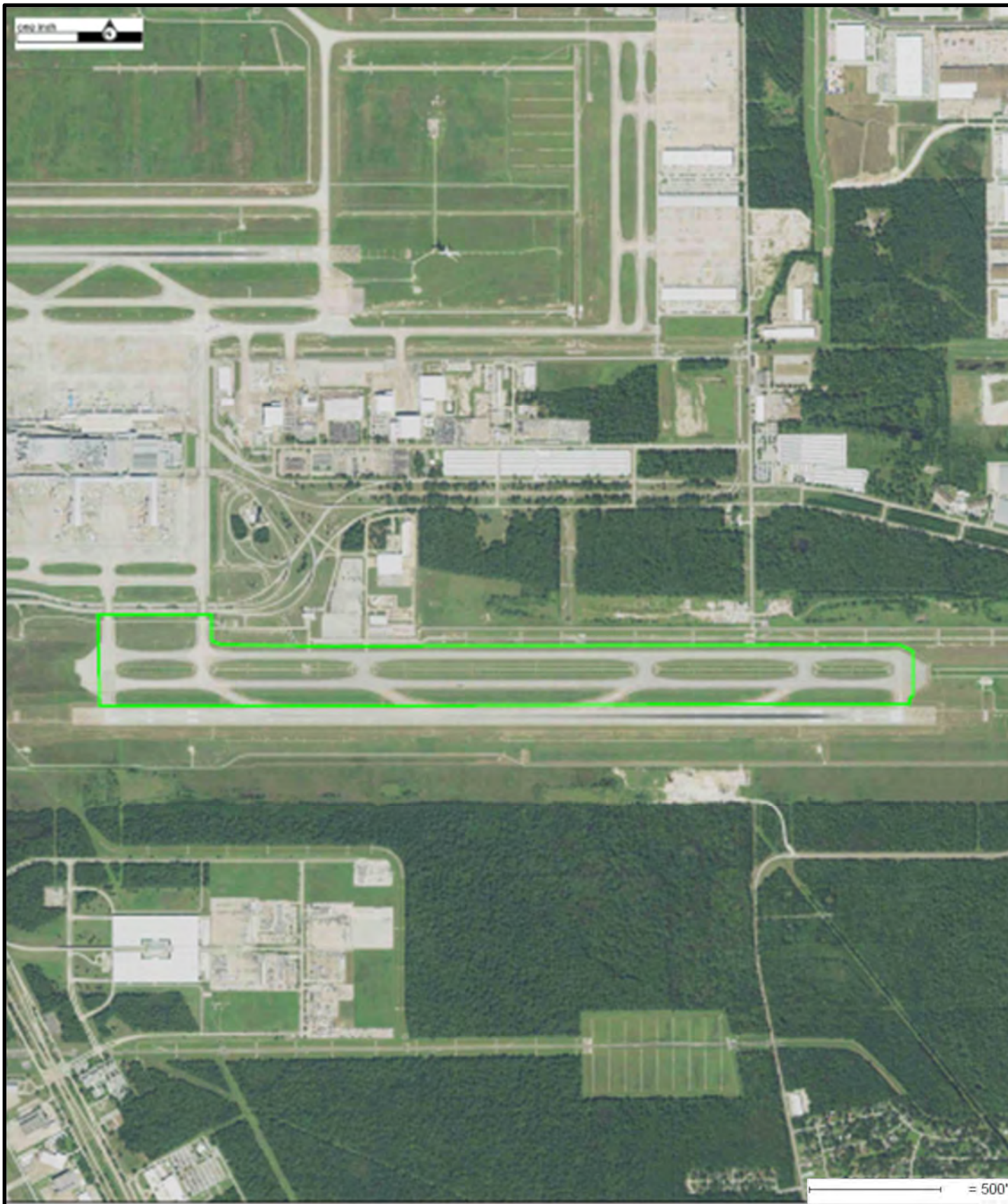
IAH Taxiways SA-SB Rehab Project
29.979031°N, 95.319206°W
Houston, Harris County, TX 77032
2020





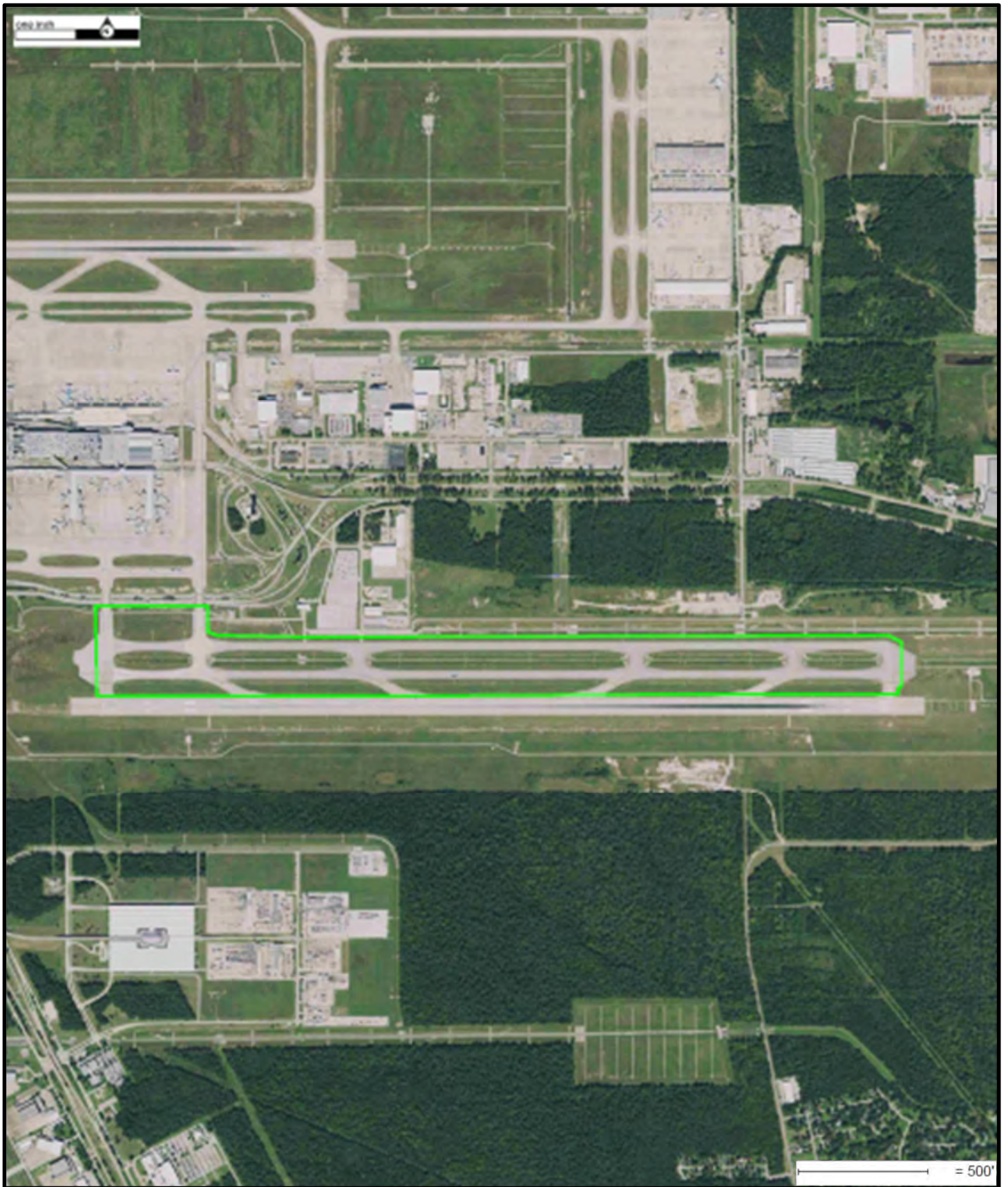
IAH Taxiways SA-SB Rehab Project
29.979031°N, 95.319206°W
Houston, Harris County, TX 77032
2018





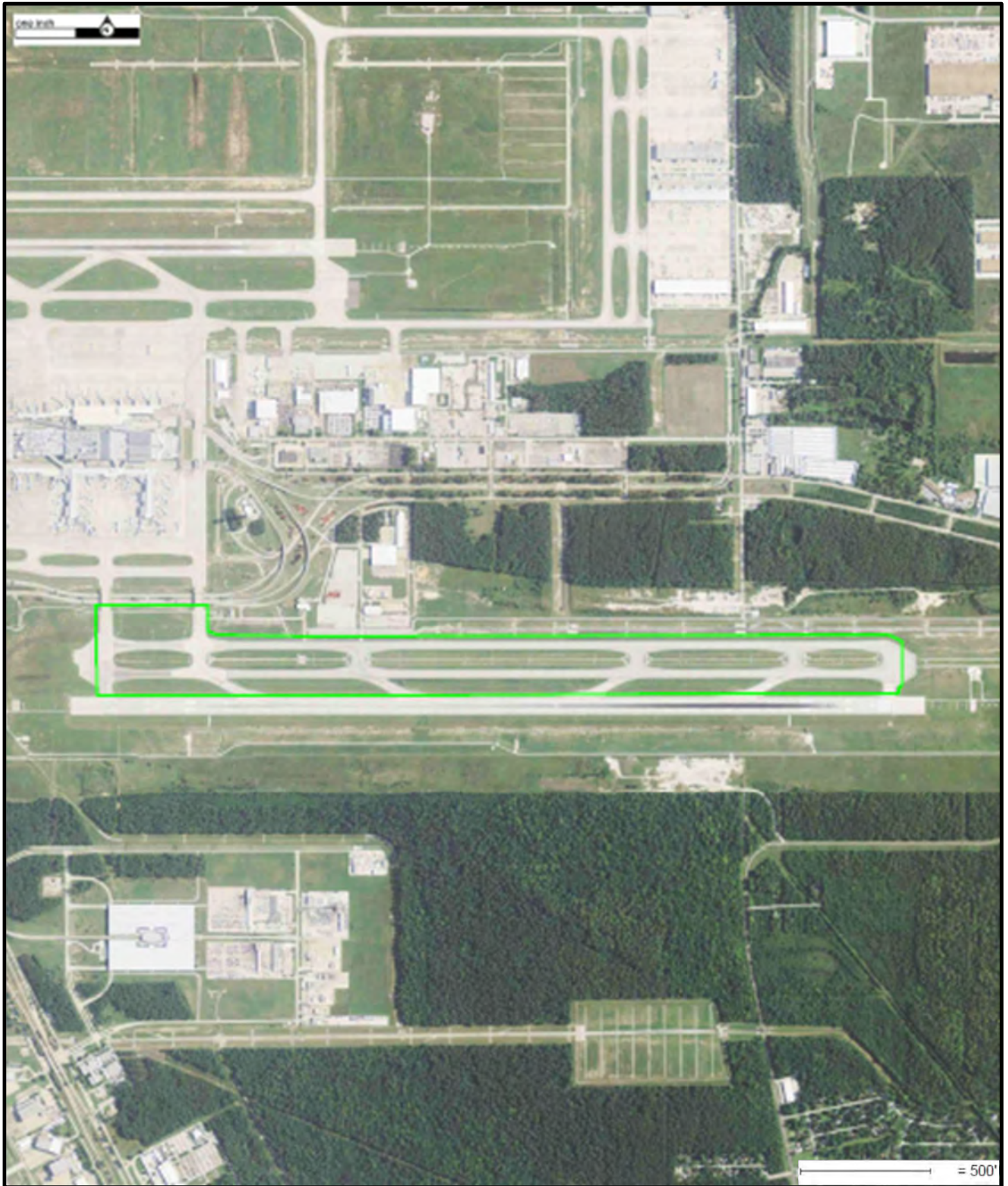
IAH Taxiways SA-SB Rehab Project
29.979031°N, 95.319206°W
Houston, Harris County, TX 77032
2016





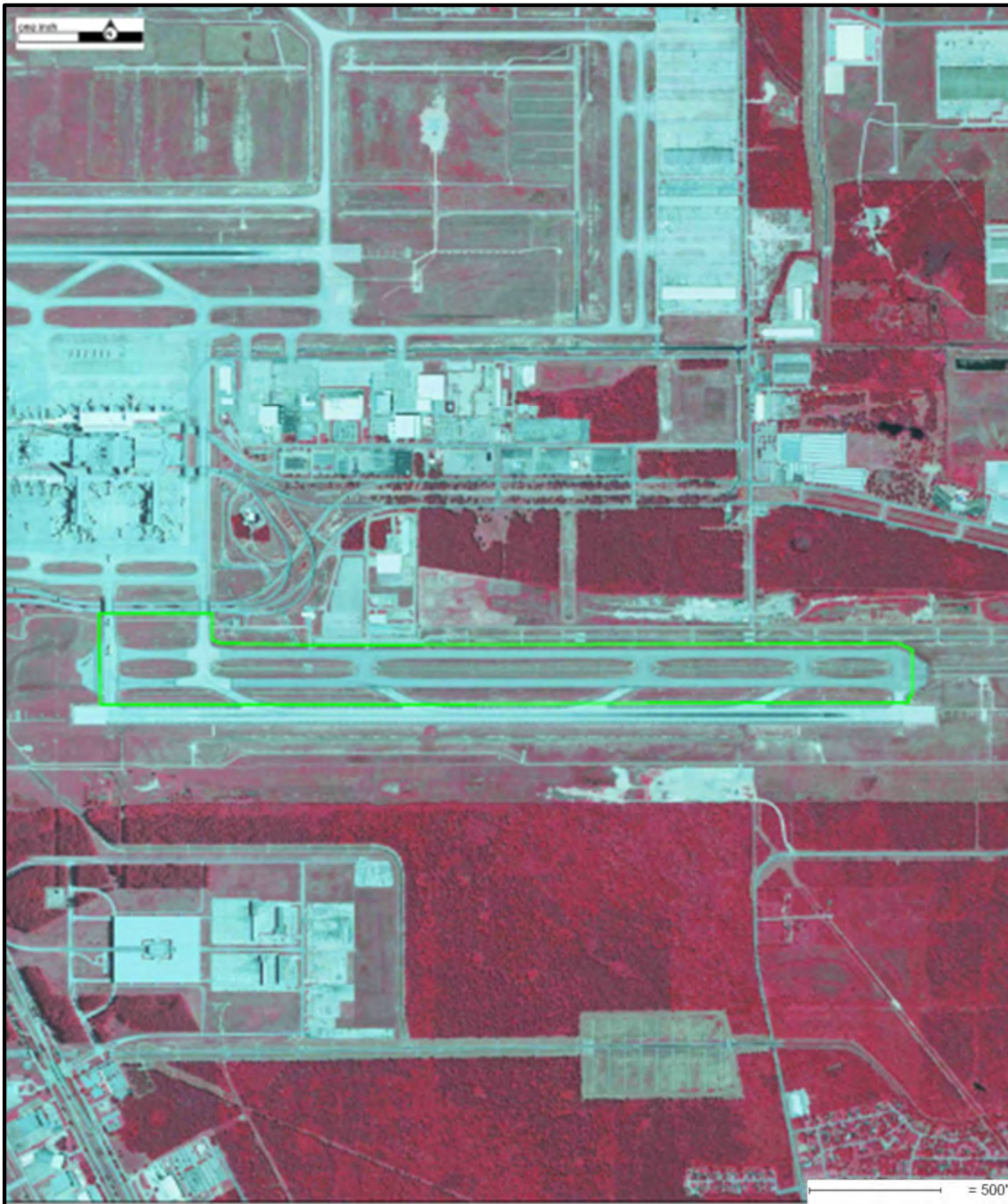
IAH Taxiways SA-SB Rehab Project
29.979031°N, 95.319206°W
Houston, Harris County, TX 77032
2014





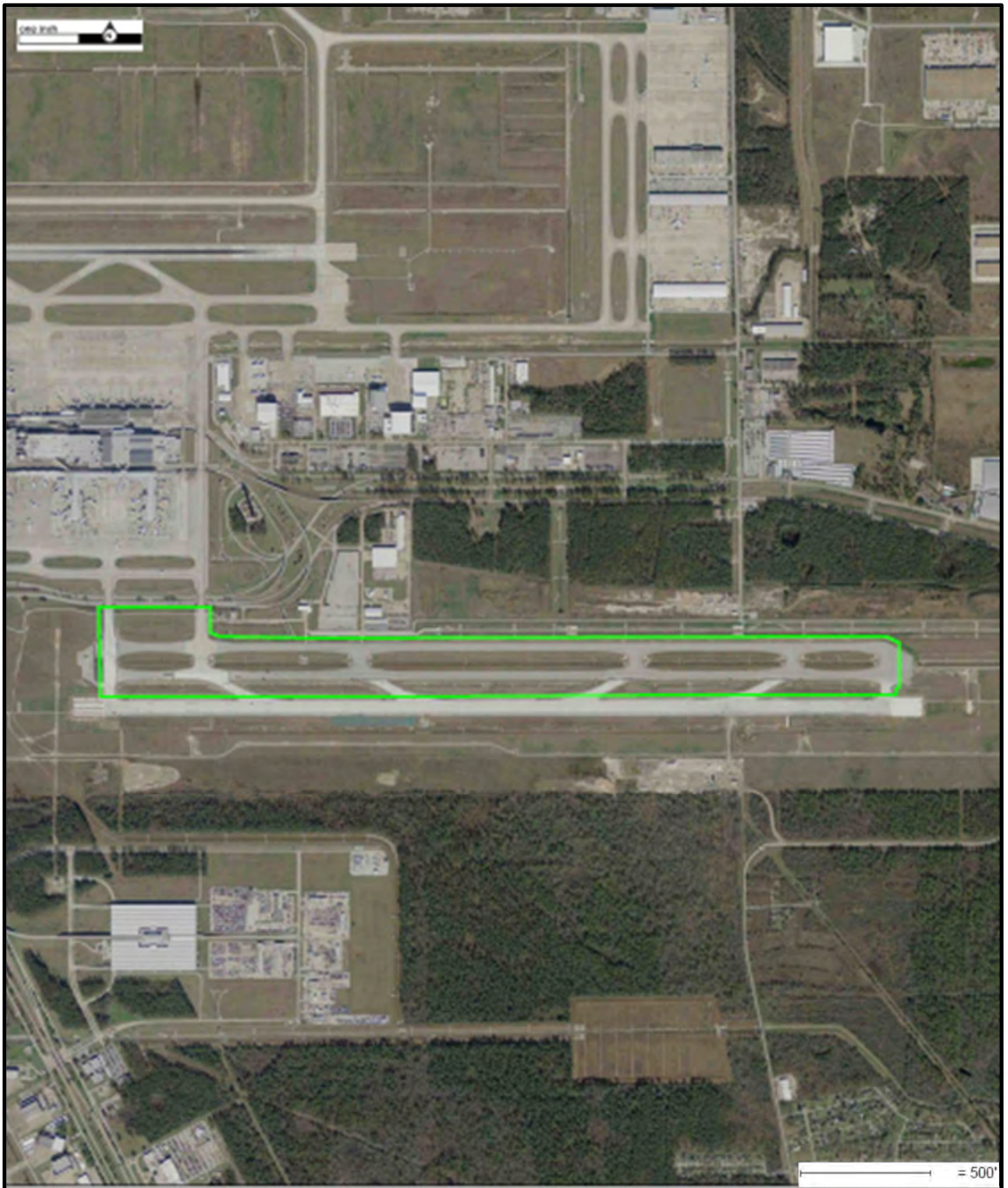
IAH Taxiways SA-SB Rehab Project
29.979031°N, 95.319206°W
Houston, Harris County, TX 77032
2012





IAH Taxiways SA-SB Rehab Project
29.979031°N, 95.319206°W
Houston, Harris County, TX 77032
2010





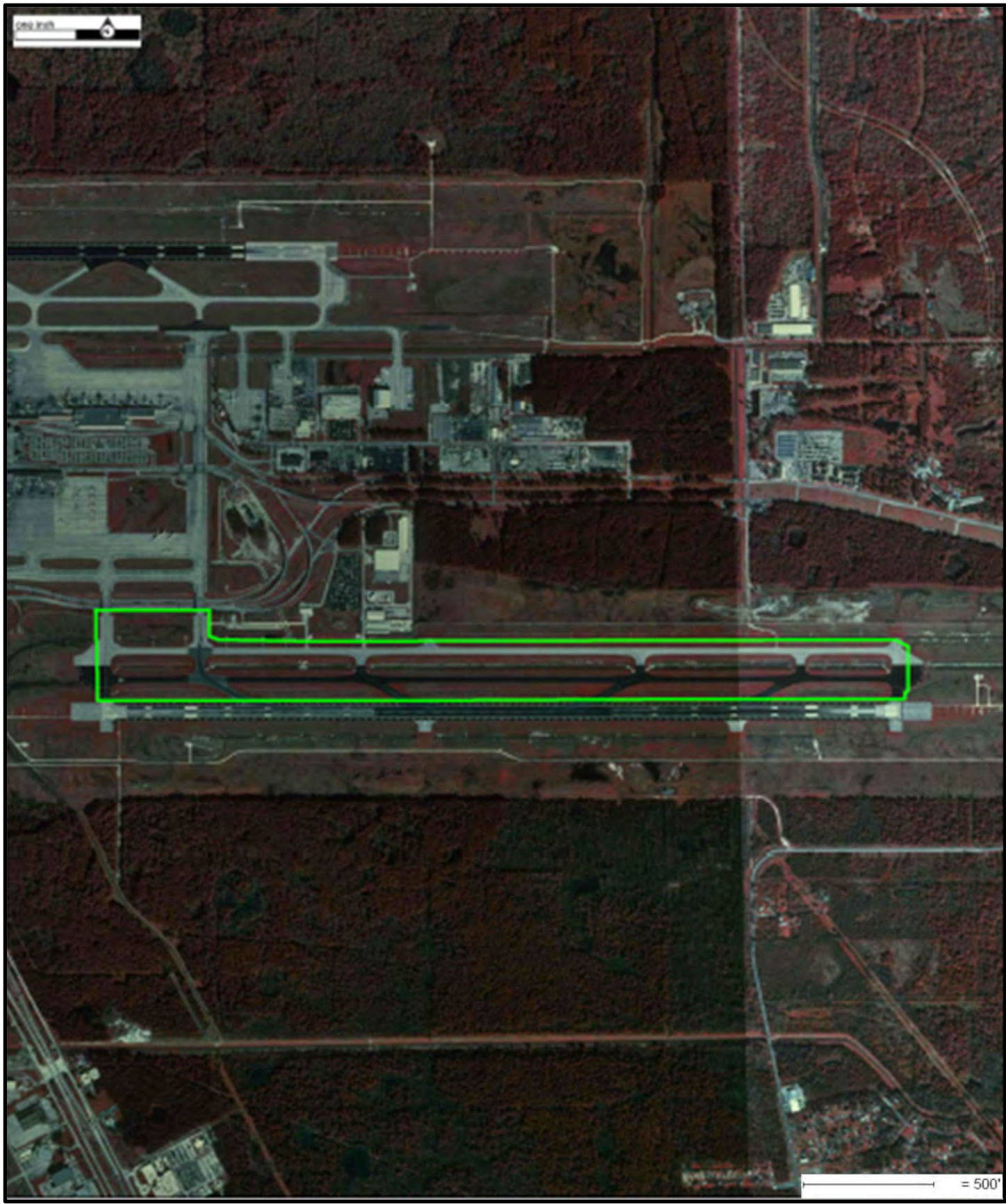
IAH Taxiways SA-SB Rehab Project
29.979031°N, 95.319206°W
Houston, Harris County, TX 77032
2008





IAH Taxiways SA-SB Rehab Project
29.979031°N, 95.319206°W
Houston, Harris County, TX 77032
2004





IAH Taxiways SA-SB Rehab Project
29.979031°N, 95.319206°W
Houston, Harris County, TX 77032
1995





IAH Taxiways SA-SB Rehab Project
29.979031°N, 95.319206°W
Houston, Harris County, TX 77032
1989





IAH Taxiways SA-SB Rehab Project
29.979031°N, 95.319206°W
Houston, Harris County, TX 77032
1979





IAH Taxiways SA-SB Rehab Project
29.979031°N, 95.319206°W
Houston, Harris County, TX 77032
1970





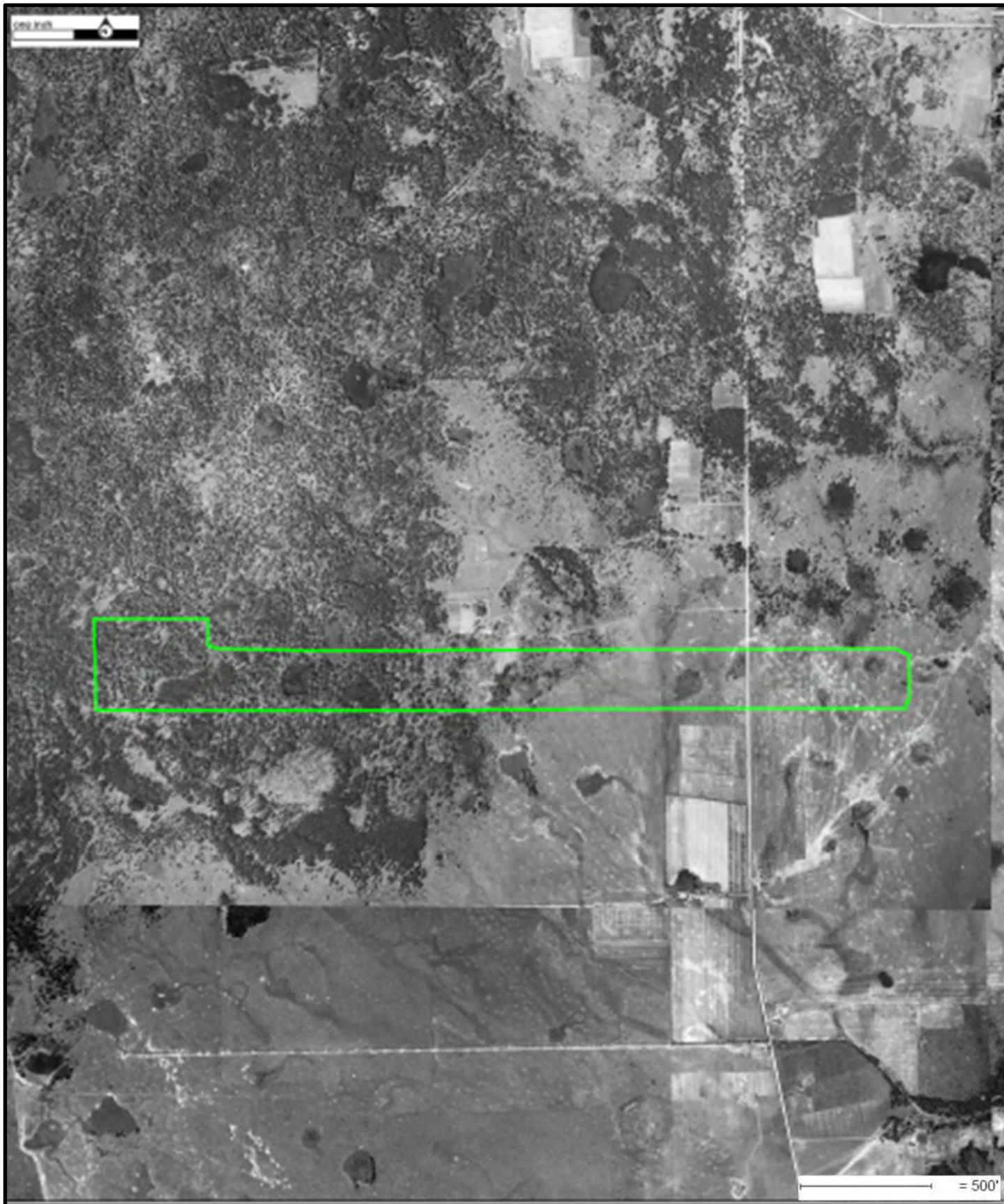
IAH Taxiways SA-SB Rehab Project
29.979031°N, 95.319206°W
Houston, Harris County, TX 77032
1964





IAH Taxiways SA-SB Rehab Project
29.979031°N, 95.319206°W
Houston, Harris County, TX 77032
1957





IAH Taxiways SA-SB Rehab Project
29.979031°N, 95.319206°W
Houston, Harris County, TX 77032
1944

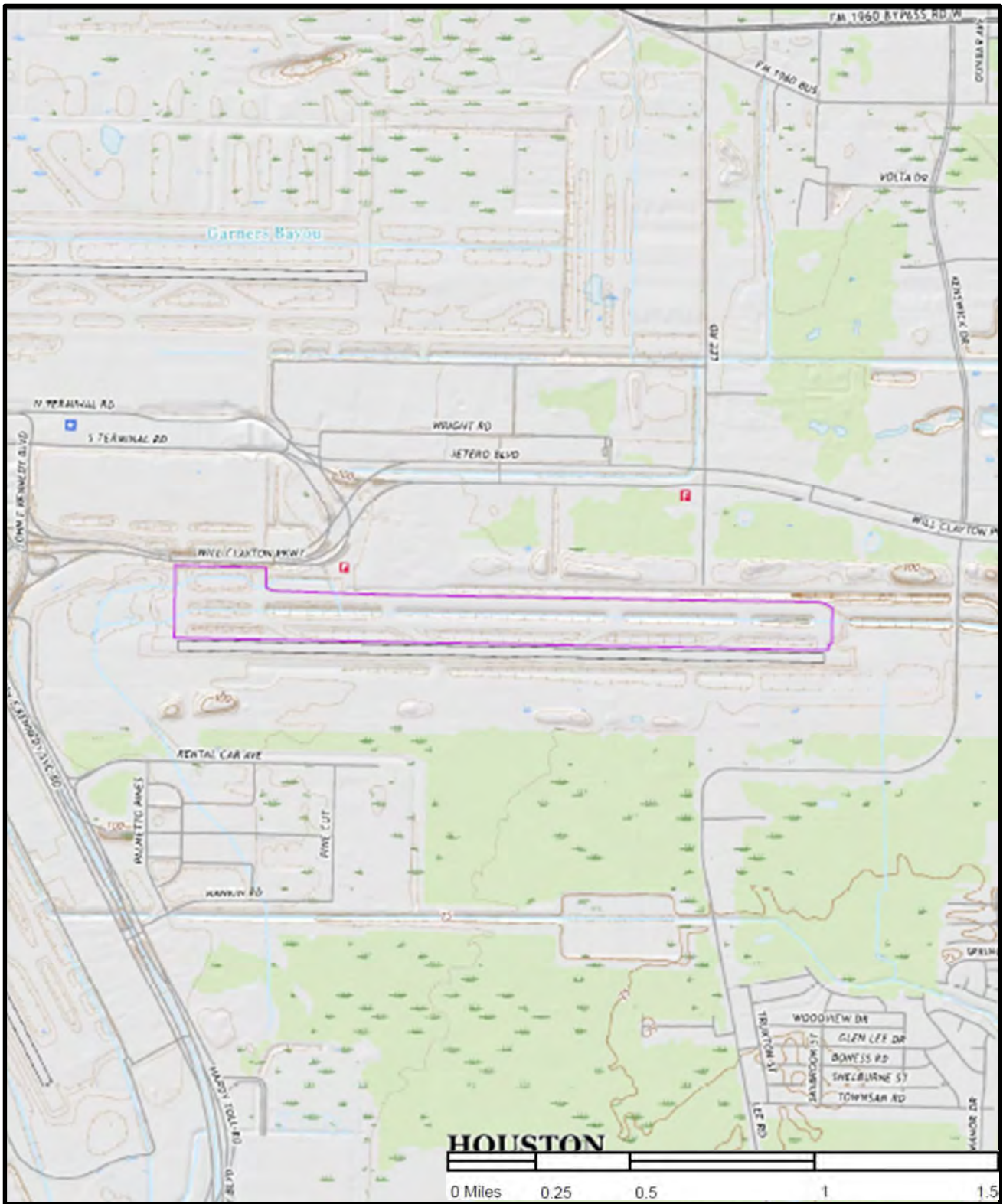




IAH Taxiways SA-SB Rehab Project
29.979031°N, 95.319206°W
Houston, Harris County, TX 77032
1938

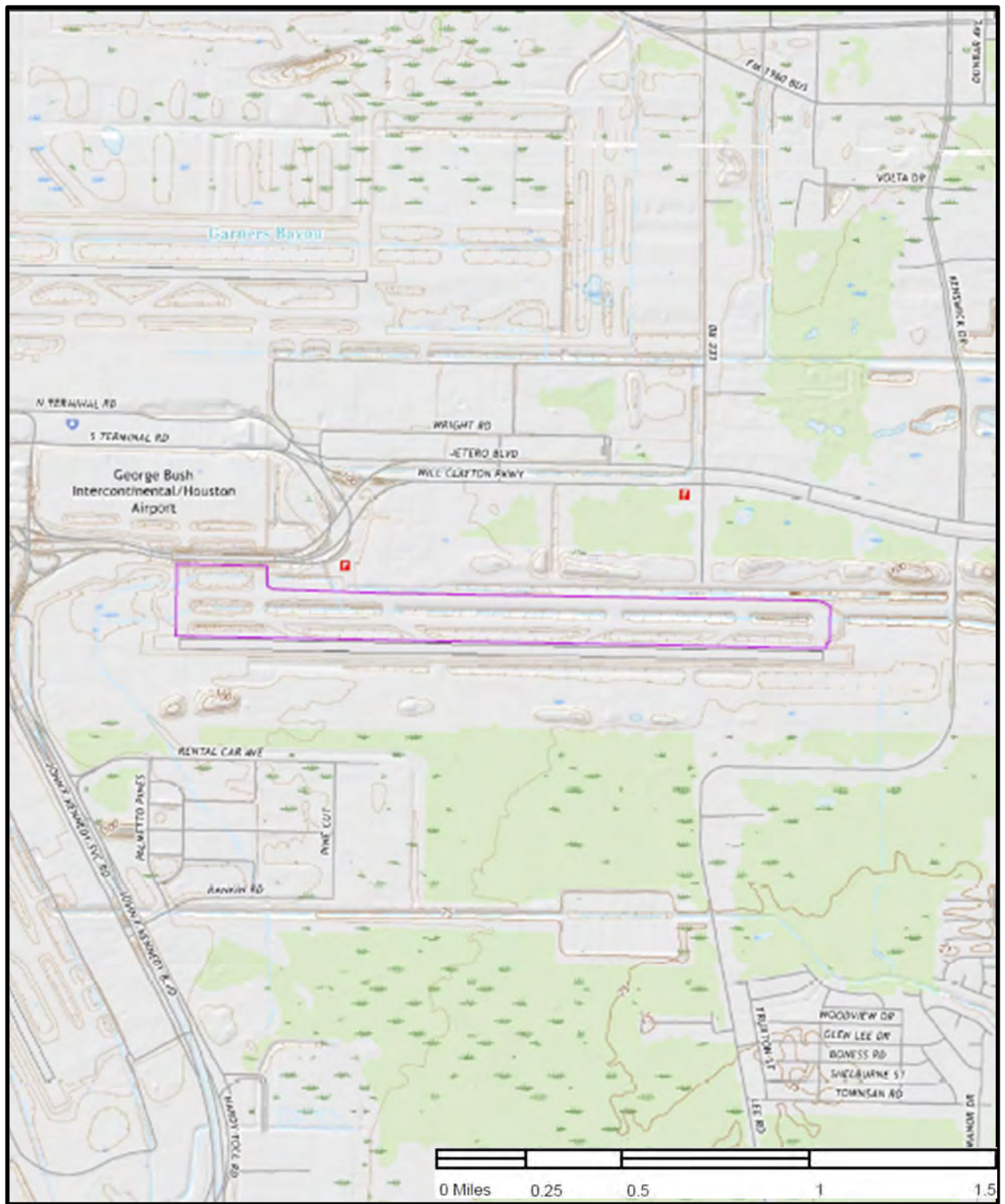


Appendix D
Historical Topographic Maps



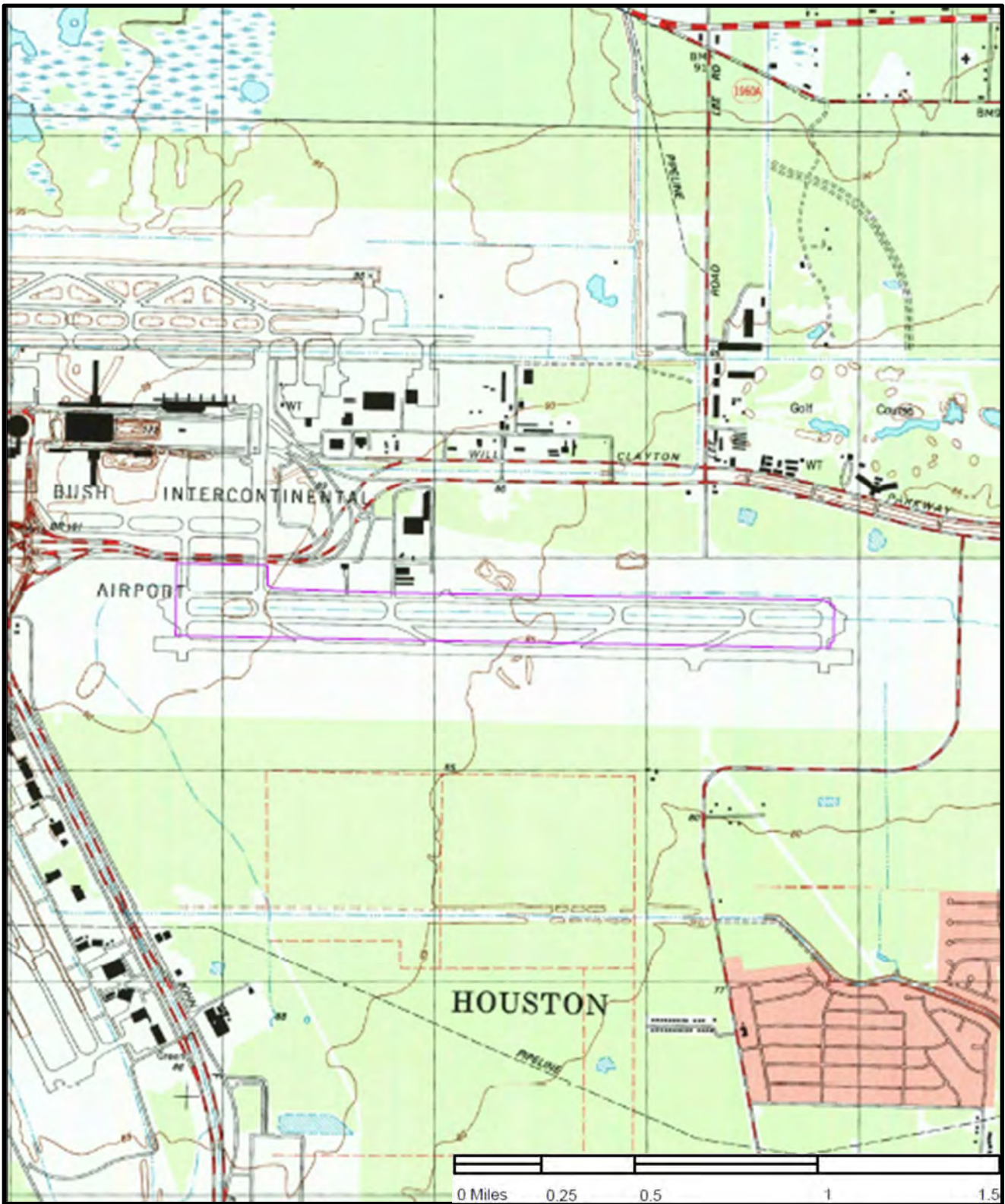
IAH Taxiways SA-SB Rehab Project
 29.979031°N, 95.319206°W
 Houston, Harris County, TX 77032
 2019





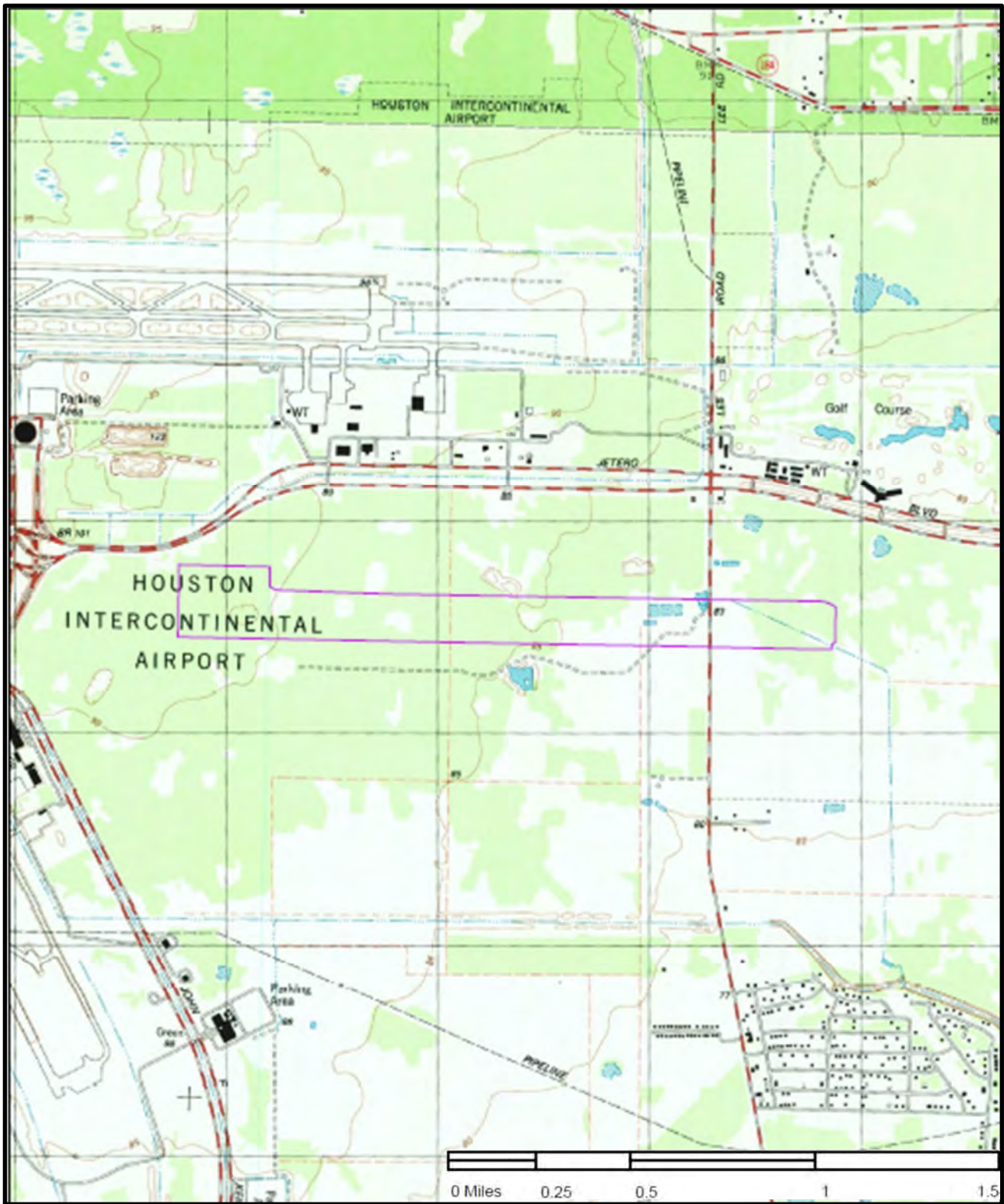
IAH Taxiways SA-SB Rehab Project
 29.979031°N, 95.319206°W
 Houston, Harris County, TX 77032
 2016





IAH Taxiways SA-SB Rehab Project
 29.979031°N, 95.319206°W
 Houston, Harris County, TX 77032
 1995





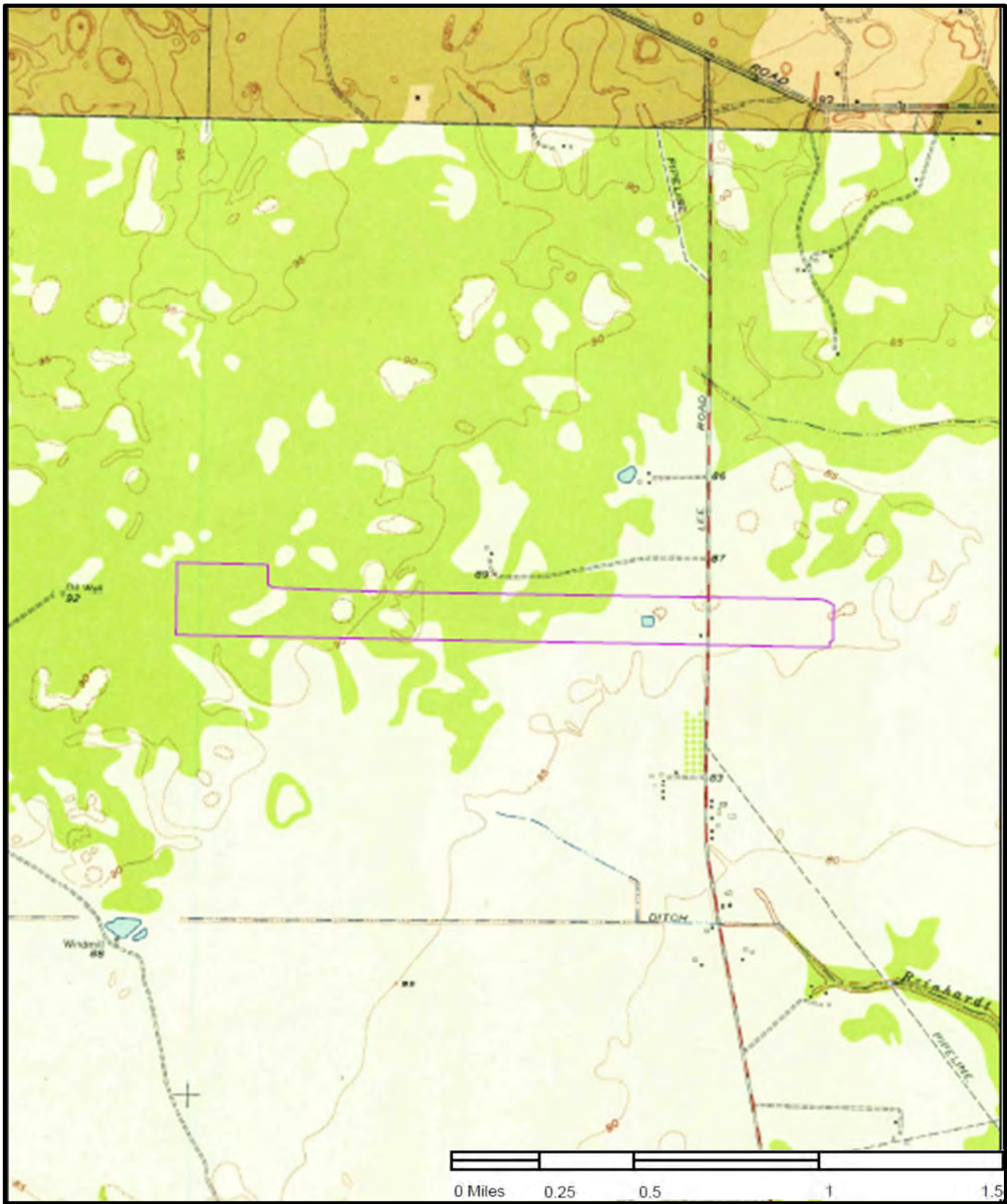
IAH Taxiways SA-SB Rehab Project
 29.979031°N, 95.319206°W
 Houston, Harris County, TX 77032
 1982





IAH Taxiways SA-SB Rehab Project
 29.979031°N, 95.319206°W
 Houston, Harris County, TX 77032
 1967





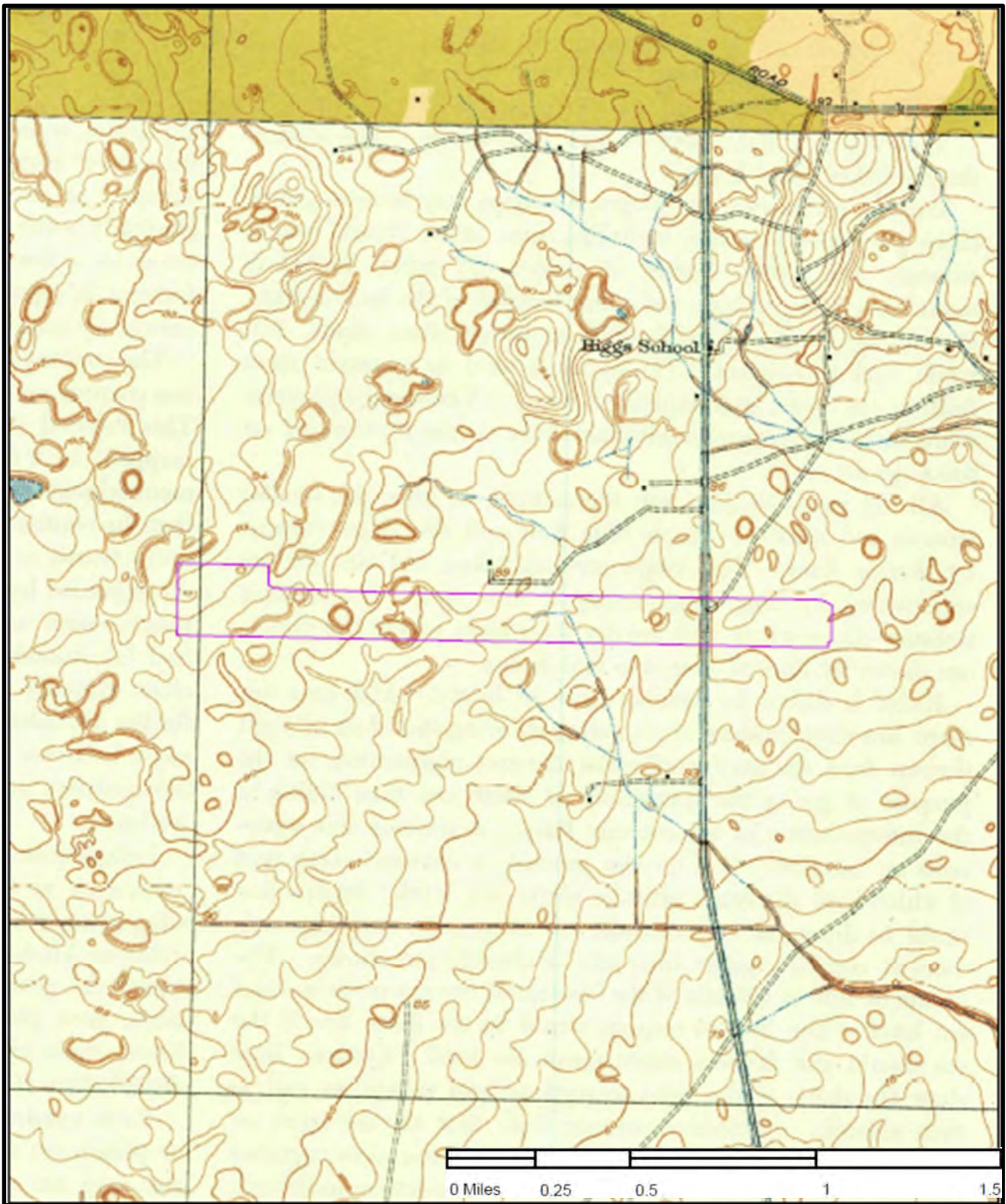
IAH Taxiways SA-SB Rehab Project
29.979031°N, 95.319206°W
Houston, Harris County, TX 77032
1954





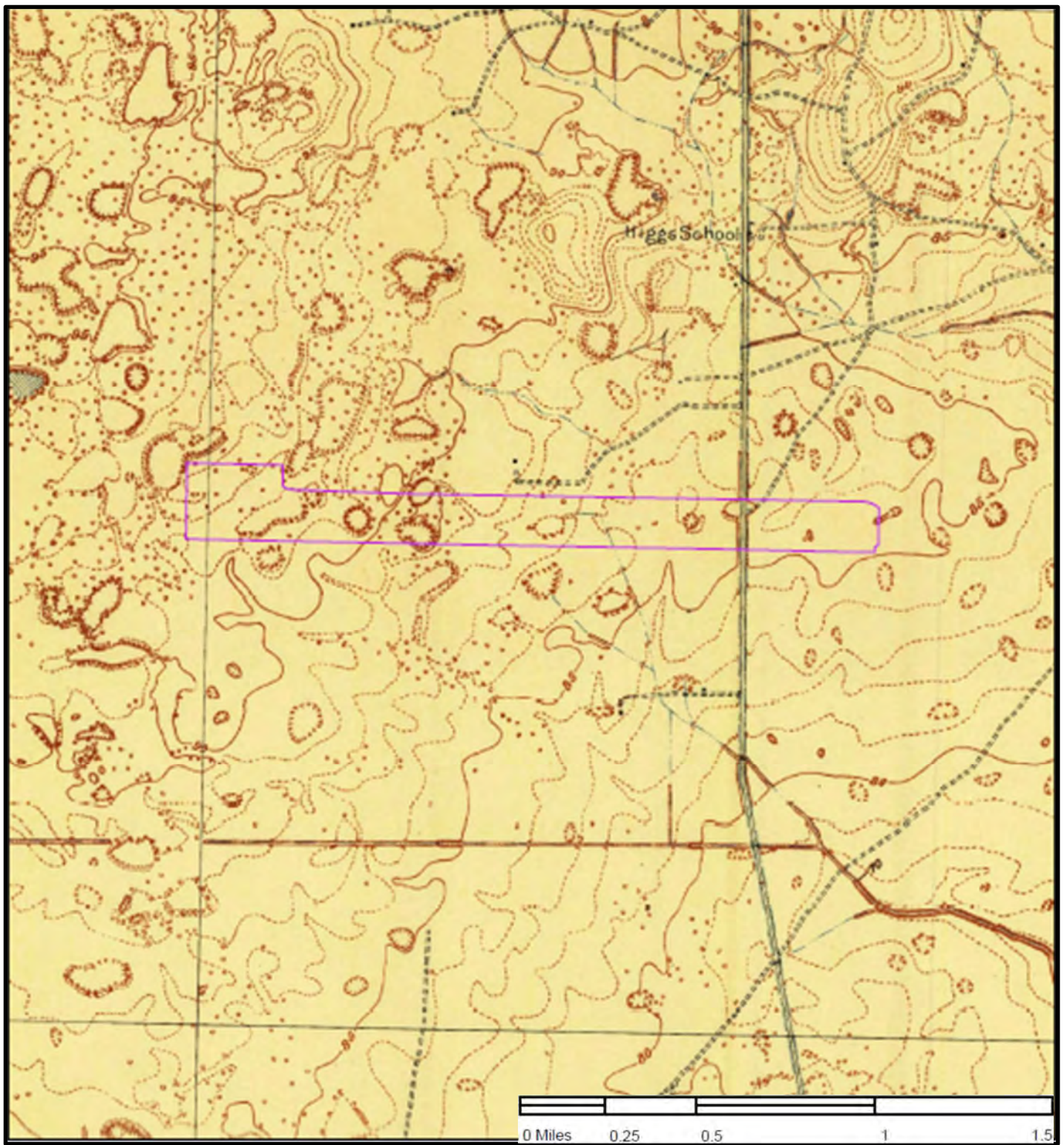
IAH Taxiways SA-SB Rehab Project
29.979031°N, 95.319206°W
Houston, Harris County, TX 77032
1946





IAH Taxiways SA-SB Rehab Project
29.979031°N, 95.319206°W
Houston, Harris County, TX 77032
1919





IAH Taxiways SA-SB Rehab Project
29.979031°N, 95.319206°W
Houston, Harris County, TX 77032
1916



Appendix E-1
Environmental Records Database Report



DATABASE REPORT

Project Property: *IAH Taxiways SA, SB
IAH Taxiways SA, SB
Houston TX*

Project No: *HST22710 / 022306*

Report Type: *Database Report*

Order No: *22101100993*

Requested by: *Cypress Environmental Consulting*

Date Completed: *October 13, 2022*

Environmental Risk Information Services

A division of Glacier Media Inc.

1.866.517.5204 | info@erisinfo.com | erisinfo.com

Table of Contents

Table of Contents.....	2
Executive Summary.....	3
Executive Summary: Report Summary.....	4
Executive Summary: Site Report Summary - Project Property.....	9
Executive Summary: Site Report Summary - Surrounding Properties.....	10
Executive Summary: Summary by Data Source.....	14
Map.....	20
Aerial.....	23
Topographic Map.....	24
Detail Report.....	25
Unplottable Summary.....	142
Unplottable Report.....	144
Appendix: Database Descriptions.....	173
Definitions.....	187

Notice: IMPORTANT LIMITATIONS and YOUR LIABILITY

Reliance on information in Report: This report DOES NOT replace a full Phase I Environmental Site Assessment but is solely intended to be used as database review of environmental records.

License for use of information in Report: No page of this report can be used without this cover page, this notice and the project property identifier. The information in Report(s) may not be modified or re-sold.

Your Liability for misuse: Using this Service and/or its reports in a manner contrary to this Notice or your agreement will be in breach of copyright and contract and ERIS may obtain damages for such mis-use, including damages caused to third parties, and gives ERIS the right to terminate your account, rescind your license to any previous reports and to bar you from future use of the Service.

No warranty of Accuracy or Liability for ERIS: The information contained in this report has been produced by ERIS Information Inc. ("ERIS") using various sources of information, including information provided by Federal and State government departments. The report applies only to the address and up to the date specified on the cover of this report, and any alterations or deviation from this description will require a new report. This report and the data contained herein does not purport to be and does not constitute a guarantee of the accuracy of the information contained herein and does not constitute a legal opinion nor medical advice. Although ERIS has endeavored to present you with information that is accurate, ERIS disclaims, any and all liability for any errors, omissions, or inaccuracies in such information and data, whether attributable to inadvertence, negligence or otherwise, and for any consequences arising therefrom. Liability on the part of ERIS is limited to the monetary value paid for this report.

Trademark and Copyright: You may not use the ERIS trademarks or attribute any work to ERIS other than as outlined above. This Service and Report (s) are protected by copyright owned by ERIS Information Inc. Copyright in data used in the Service or Report(s) (the "Data") is owned by ERIS or its licensors. The Service, Report(s) and Data may not be copied or reproduced in whole or in any substantial part without prior written consent of ERIS.

Executive Summary

Property Information:

Project Property: IAH Taxiways SA, SB
IAH Taxiways SA, SB Houston TX

Project No: HST22710 / 022306

Coordinates:

Latitude: 29.97903136
Longitude: -95.3192069
UTM Northing: 3,318,725.53
UTM Easting: 276,240.02
UTM Zone: UTM Zone 15R

Elevation: 74 FT

Order Information:

Order No: 22101100993
Date Requested: October 11, 2022
Requested by: Cypress Environmental Consulting
Report Type: Database Report

Historicals/Products:

Aerial Photographs Historical Aerials (with Project Boundaries)
City Directory Search CD - 2 Street Search
ERIS Xplorer [ERIS Xplorer](#)
Excel Add-On Excel Add-On
Fire Insurance Maps US Fire Insurance Maps
Physical Setting Report (PSR) Physical Setting Report (PSR)
Topographic Map Topographic Maps

Executive Summary: Report Summary

<i>Database</i>	<i>Searched</i>	<i>Search Radius</i>	<i>Project Property</i>	<i>Within 0.12mi</i>	<i>0.125mi to 0.25mi</i>	<i>0.25mi to 0.50mi</i>	<i>0.50mi to 1.00mi</i>	<i>Total</i>
<u>Standard Environmental Records</u>								
Federal								
DOE FUSRAP	Y	1	0	0	0	0	0	0
NPL	Y	1	0	0	0	0	0	0
PROPOSED NPL	Y	1	0	0	0	0	0	0
DELETED NPL	Y	0.5	0	0	0	0	-	0
SEMS	Y	0.5	0	0	1	0	-	1
ODI	Y	0.5	0	0	0	0	-	0
SEMS ARCHIVE	Y	0.5	0	0	0	0	-	0
CERCLIS	Y	0.5	0	0	0	0	-	0
IODI	Y	0.5	0	0	0	0	-	0
CERCLIS NFRAP	Y	0.5	0	0	0	0	-	0
CERCLIS LIENS	Y	PO	0	-	-	-	-	0
RCRA CORRACTS	Y	1	0	0	0	0	0	0
RCRA TSD	Y	0.5	0	0	0	0	-	0
RCRA LQG	Y	0.25	0	0	0	-	-	0
RCRA SQG	Y	0.25	0	0	0	-	-	0
RCRA VSQG	Y	0.25	0	0	0	-	-	0
RCRA NON GEN	Y	0.25	0	0	1	-	-	1
RCRA CONTROLS	Y	0.5	0	0	0	0	-	0
FED ENG	Y	0.5	0	0	0	0	-	0
FED INST	Y	0.5	0	0	0	0	-	0
LUCIS	Y	0.5	0	0	0	0	-	0
NPL IC	Y	0.5	0	0	0	0	-	0
ERNS 1982 TO 1986	Y	PO	0	-	-	-	-	0
ERNS 1987 TO 1989	Y	PO	0	-	-	-	-	0
ERNS	Y	PO	0	-	-	-	-	0
FED BROWNFIELDS	Y	0.5	0	0	0	0	-	0
FEMA UST	Y	0.25	0	0	0	-	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
FRP	Y	0.25	0	0	0	-	-	0
DELISTED FRP	Y	0.25	0	0	0	-	-	0
HIST GAS STATIONS	Y	0.25	0	0	0	-	-	0
REFN	Y	0.25	0	0	0	-	-	0
BULK TERMINAL	Y	0.25	0	0	0	-	-	0
SEMS LIEN	Y	PO	0	-	-	-	-	0
SUPERFUND ROD	Y	1	0	0	0	0	0	0

State

SUPERFUND	Y	1	0	0	0	0	0	0
SHWS	Y	1	0	0	0	0	0	0
DELISTED SHWS	Y	1	0	0	0	0	0	0
SWF/LF	Y	0.5	0	0	0	0	-	0
CLI	Y	0.5	0	0	0	0	-	0
HGAC CLI	Y	0.5	0	0	0	0	-	0
AACOG CLI	Y	0.5	0	0	0	0	-	0
IHW	Y	0.25	0	0	0	-	-	0
IHW RECEIVER	Y	0.5	0	0	0	0	-	0
RWS	Y	0.5	0	0	0	0	-	0
LPST	Y	0.5	0	0	0	15	-	15
DELISTED LST	Y	0.5	0	0	0	0	-	0
UST	Y	0.25	0	1	2	-	-	3
AST	Y	0.25	0	0	2	-	-	2
PST	Y	0.25	0	0	0	-	-	0
HIST TANK	Y	0.25	0	0	1	-	-	1
UST AUSTIN	Y	0.25	0	0	0	-	-	0
PETROL CAVERN	Y	0.25	0	0	0	-	-	0
DTNK	Y	0.25	0	0	0	-	-	0
AUL	Y	0.5	0	0	0	0	-	0
VCP	Y	0.5	0	0	0	0	-	0
VCP RRC	Y	0.5	0	0	0	0	-	0
OP CLEANUP	Y	0.5	0	0	0	0	-	0
IOP	Y	0.5	0	0	0	0	-	0
BROWNFIELDS	Y	0.5	0	0	0	0	-	0
BROWN RRC	Y	0.5	0	0	0	0	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
MSD	Y	0.5	0	0	0	0	-	0
Tribal								
INDIAN LUST	Y	0.5	0	0	0	0	-	0
INDIAN UST	Y	0.25	0	0	0	-	-	0
DELISTED ILST	Y	0.5	0	0	0	0	-	0
DELISTED IUST	Y	0.25	0	0	0	-	-	0

County *No County standard environmental record sources available for this State.*

Additional Environmental Records

Federal

FINDS/FRS	Y	PO	0	-	-	-	-	0
TRIS	Y	PO	0	-	-	-	-	0
PFAS TRI	Y	0.5	0	0	0	0	-	0
PFAS NPL	Y	0.5	0	0	0	0	-	0
PFAS WATER	Y	0.5	0	0	0	0	-	0
PFAS SSEHRI	Y	0.5	0	0	0	0	-	0
ERNS PFAS	Y	0.5	0	0	0	0	-	0
HMIRS	Y	0.125	0	0	-	-	-	0
NCDL	Y	0.125	0	0	-	-	-	0
TSCA	Y	0.125	0	0	-	-	-	0
HIST TSCA	Y	0.125	0	0	-	-	-	0
FTTS ADMIN	Y	PO	0	-	-	-	-	0
FTTS INSP	Y	PO	0	-	-	-	-	0
PRP	Y	PO	0	-	-	-	-	0
SCRD DRYCLEANER	Y	0.5	0	0	0	0	-	0
ICIS	Y	PO	0	-	-	-	-	0
FED DRYCLEANERS	Y	0.25	0	0	0	-	-	0
DELISTED FED DRY	Y	0.25	0	0	0	-	-	0
FUDS	Y	1	0	0	0	0	0	0
FORMER NIKE	Y	1	0	0	0	0	0	0
PIPELINE INCIDENT	Y	PO	0	-	-	-	-	0
MLTS	Y	PO	0	-	-	-	-	0
HIST MLTS	Y	PO	0	-	-	-	-	0
MINES	Y	0.25	0	0	0	-	-	0
SMCRA	Y	1	0	0	0	0	0	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
MRDS	Y	1	0	0	0	0	0	0
URANIUM	Y	1	0	0	0	0	0	0
ALT FUELS	Y	0.25	0	0	0	-	-	0
CONSENT DECREES	Y	0.25	0	0	0	-	-	0
AFS	Y	PO	0	-	-	-	-	0
SSTS	Y	0.25	0	0	0	-	-	0
PCBT	Y	0.5	0	0	0	0	-	0
PCB	Y	0.5	0	0	0	0	-	0

State

PRIORITY CLEAN	Y	0.5	0	0	0	0	-	0
DRYCLEANERS	Y	0.25	0	0	0	-	-	0
DELISTED DRYCLEANERS	Y	0.25	0	0	0	-	-	0
GWCC	Y	0.125	0	0	-	-	-	0
GWCC HIST	Y	0.125	0	0	-	-	-	0
APAR	Y	0.5	0	0	0	1	-	1
SPILLS	Y	0.125	0	0	-	-	-	0
IHW CORR ACTION	Y	1	0	0	0	3	0	3
PFAS	Y	0.5	0	0	0	0	-	0
LAND APPL	Y	0.25	0	0	0	-	-	0
NOV	Y	0.25	0	1	0	-	-	1
NOE	Y	0.25	0	0	1	-	-	1
LIENS	Y	PO	0	-	-	-	-	0
ORD	Y	0.25	0	0	2	-	-	2
HIST RCRA GEN	Y	0.125	0	0	-	-	-	0
RTOL	Y	0.25	0	0	0	-	-	0
UIC	Y	0.25	0	0	0	-	-	0
IHW GENERATOR	Y	0.125	0	0	-	-	-	0
IHW TRANSPORT	Y	0.125	0	0	-	-	-	0
AIR PERMITS	Y	0.25	0	0	0	-	-	0
EMISSIONS	Y	0.25	0	0	0	-	-	0
TIER 2	Y	0.125	0	15	-	-	-	15
EDWARDS AQUIFER	Y	PO	0	-	-	-	-	0

Tribal

No Tribal additional environmental record sources available for this State.

County

No County additional environmental record sources available for this State.

<i>Database</i>	<i>Searched</i>	<i>Search Radius</i>	<i>Project Property</i>	<i>Within 0.12mi</i>	<i>0.125mi to 0.25mi</i>	<i>0.25mi to 0.50mi</i>	<i>0.50mi to 1.00mi</i>	<i>Total</i>
<hr/>								
	<i>Total:</i>		0	17	10	19	0	46

* PO – Property Only

* 'Property and adjoining properties' database search radii are set at 0.25 miles.

Executive Summary: Site Report Summary - Project Property

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev Diff (ft)</i>	<i>Page Number</i>
--------------------	-----------	--------------------------	----------------	------------------	-----------------------------	---------------------------	------------------------

No records found in the selected databases for the project property.

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
1	NOV	DH GRIFFIN OF TEXAS	3225 WILL CLAYTON PKWY , HOUSTON , TX 77032 TX	W	0.04 / 223.71	-3	25
2	TIER 2	COH PWE WP GROUNDWATER INTERCONTNENTL # 2	4181 WILL CLAYTON PARKWAY HOUSTON TX 77032	WNW	0.07 / 391.61	1	25
2	TIER 2	COH PWE WP GROUNDWATER INTERCONTNENTL # 2	4181 WILL CLAYTON PARKWAY HOUSTON TX 77032	WNW	0.07 / 391.61	1	26
2	TIER 2	COH PWE DWO INTERCONTINENTAL #2 PLANT	4181 WILL CLAYTON PARKWAY HOUSTON TX 77032	WNW	0.07 / 391.61	1	26
2	TIER 2	COH PWE DWO INTERCONTINENTAL #2 PLANT	4181 WILL CLAYTON PARKWAY HOUSTON TX 77032	WNW	0.07 / 391.61	1	27
2	TIER 2	COH PWE DWO INTERCONTINENTAL #2 PLANT	4181 WILL CLAYTON PARKWAY HOUSTON TX 77032	WNW	0.07 / 391.61	1	27
2	TIER 2	COH PWE DWO INTERCONTINENTAL #2 PLANT	4181 WILL CLAYTON PARKWAY HOUSTON TX 77032	WNW	0.07 / 391.61	1	28
2	TIER 2	COH PWE DWO INTERCONTINENTAL #2 PLANT	4181 WILL CLAYTON PARKWAY HOUSTON TX 77032	WNW	0.07 / 391.61	1	28
2	TIER 2	COH PWE WP GROUNDWATER INTERCONTNENTL # 2	4181 WILL CLAYTON PARKWAY HOUSTON TX 77032	WNW	0.07 / 391.61	1	28
3	UST	HFD FIRE STATION 92	4301 WILL CLAYTON PKWY HOUSTON TX 77032	WNW	0.08 / 409.86	14	29

Facility Status | Facility ID: INACTIVE | 100806
Tank ID | Status | Status Begin Date: 1 | REMOVED FROM GROUND | 08/30/2011, 2 | REMOVED FROM GROUND | 08/30/2011

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number	
4	TIER 2	HARRIS COUNTY MUD 278 S-1	4621 WILL CLAYTON PARKWAY HUMBLE TX 77346	WNW	0.12 / 645.94	11	40	
4	TIER 2	HARRIS COUNTY MUD 278 WWTP	4621 WILL CLAYTON PARKWAY HUMBLE TX 77346	WNW	0.12 / 645.94	11	40	
4	TIER 2	HARRIS COUNTY MUD 278 S-1	4621 WILL CLAYTON PARKWAY HUMBLE TX 77346	WNW	0.12 / 645.94	11	41	
4	TIER 2	HARRIS COUNTY MUD 278 WWTP	4621 WILL CLAYTON PARKWAY HUMBLE TX 77346	WNW	0.12 / 645.94	11	42	
4	TIER 2	HARRIS COUNTY MUD 278 WWTP	4621 WILL CLAYTON PARKWAY HUMBLE TX 77346	WNW	0.12 / 645.94	11	42	
4	TIER 2	HARRIS COUNTY MUD 278 S-1	4621 WILL CLAYTON PARKWAY HUMBLE TX 77346	WNW	0.12 / 645.94	11	43	
4	TIER 2	HARRIS COUNTY MUD 278 S-1	4621 WILL CLAYTON PARKWAY HUMBLE TX 77346	WNW	0.12 / 645.94	11	43	
5	UST	IAH GH127 ALS	AIRPORT RUNWAY 27-GHI TX	E	0.17 / 899.00	7	44	
			<i>Facility Status Facility ID:</i> INACTIVE 64092 <i>Tank ID Status Status Begin Date:</i> 1 REMOVED FROM GROUND 04/12/2017					
5	NOE	IAH GH127 ALS	AIRPORT RUNWAY 27-GHI HOUSTON TX 77032	E	0.17 / 899.00	7	51	
5	ORD	IAH GH127 ALS	AIRPORT RUNWAY 27-GHI TX	E	0.17 / 899.00	7	53	
5	ORD	IAH GH127 ALS	AIRPORT RUNWAY 27-GHI TX	E	0.17 / 899.00	7	54	
6	AST	IAH ATCT	4215 WILL CLAYTON PKWY HOUSTON TX 77032	WNW	0.24 / 1,245.81	12	54	
			<i>Facility Status Facility ID:</i> ACTIVE 104375 <i>Tank ID Status Status Date:</i> 1 IN USE 02/02/1995					
6	SEMS	FEDERAL AVIATION ADMINISTRATION- IAH AIRPORT	4215 Will Clayton Parkway HOUSTON TX 77032	WNW	0.24 / 1,245.81	12	55	

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number	
			EPA ID: TXN000605561					
7	RCRA NON GEN	CITY OF HOUSTON AVIATION DEPARTMENT	4500 WILL CLAYTON PKWY HOUSTON TX 77032-5262	NW	0.25 / 1,300.93	13	57	
			EPA Handler ID: TXR000024521					
7	AST	GEORGE BUSH INTERCONTINENTAL AIRPORT	4500 WILL CLAYTON PKWY HOUSTON TX 77032	NW	0.25 / 1,300.93	13	60	
			Facility Status Facility ID: ACTIVE 51528 Tank ID Status Status Date: 3HCFCD OUT OF USE 03/01/2001, 1 IN USE 01/01/1994, 22 OUT OF USE 01/29/1997					
7	UST	GEORGE BUSH INTERCONTINENTAL AIRPORT	4500 WILL CLAYTON PKWY HOUSTON TX 77032	NW	0.25 / 1,300.93	13	69	
			Facility Status Facility ID: ACTIVE 51528 Tank ID Status Status Begin Date: 1A REMOVED FROM GROUND 10/27/1993, 2 IN USE 12/19/1991, 6B REMOVED FROM GROUND 10/25/1993, 1 IN USE 12/19/1991, 4 IN USE 12/19/1991, 7 IN USE 12/04/2013, 3 IN USE 12/19/1991, 9 IN USE 12/04/2013, 2A REMOVED FROM GROUND 10/27/1993, 3A REMOVED FROM GROUND 11/01/1993, 4A REMOVED FROM GROUND 11/03/1993, 11 REMOVED FROM GROUND 11/19/1993, 7A REMOVED FROM GROUND 12/08/1993, 8 TEMP OUT OF SERVICE 02/14/2020, 21 REMOVED FROM GROUND 11/02/1993, 5 PERM FILLED IN PLACE 01/26/2007, 9A REMOVED FROM GROUND 11/19/1993, 10 REMOVED FROM GROUND 11/19/1993, 14 REMOVED FROM GROUND 12/01/1993, 12 REMOVED FROM GROUND 03/31/1994, 6A REMOVED FROM GROUND 12/01/2003, 13 REMOVED FROM GROUND 12/01/1993, 15 REMOVED FROM GROUND 03/31/1994					
7	HIST TANK	GEORGE BUSH INTERCONTINENTAL AIR	4500 WILL CLAYTON PKWY HOUSTON TX	NW	0.25 / 1,300.93	13	129	
			Facility ID: 0012461					
8	LPST	VACANT	5702 JETERO BLVD HOUSTON TX 77032	N	0.33 / 1,760.06	10	130	
			LPST ID: 109692 Closure Date Corrective Action Status: 9/6/1995 6A - FINAL CONCURRENCE ISSUED					
9	IHW CORR ACTION	GEORGE BUSH INTERCONTINENTAL AIRPORT OLD TERMINAL C NORTH	3500 N TERMINAL RD HOUSTON TX 77032	WNW	0.36 / 1,907.61	16	130	
10	LPST	GEN RENT A CAR	6115 WILL CLAYTON PKWY HUMBLE TX 77338	ENE	0.37 / 1,972.08	9	131	
			LPST ID: 96464 Closure Date Corrective Action Status: 3/12/1991 6A - FINAL CONCURRENCE ISSUED					
11	LPST	HERTZ USED CAR SALES	5703 WILL CLAYTON PKWY HUMBLE TX 77338	ENE	0.39 / 2,033.81	6	132	
			LPST ID: 98595 Closure Date Corrective Action Status: 2/14/1992 6A - FINAL CONCURRENCE ISSUED					
12	LPST	FORMER NATIONAL CAR RENTAL SYSTEM	4551 WILL CLAYTON PKWY HOUSTON TX 77032	NW	0.39 / 2,052.92	11	132	
			LPST ID: 91748 Closure Date Corrective Action Status: 7/27/2016 6A - FINAL CONCURRENCE ISSUED					
12	LPST	NATIONAL CAR RENTAL SYSTEM	4551 WILL CLAYTON PKWY HOUSTON TX 77032	NW	0.39 / 2,052.92	11	133	
			LPST ID: 93041 Closure Date Corrective Action Status: 7/27/2016 6A - FINAL CONCURRENCE ISSUED					

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
13	IHW CORR ACTION	GEORGE BUSH INTERCONTINENTAL AIRPORT	3800 N TERMINAL RD HOUSTON TX 77032	WNW	0.42 / 2,235.56	17	134
14	LPST	HANDI STOP 40	6355 WILL CLAYTON PKWY HUMBLE TX 77338	ENE	0.45 / 2,374.42	8	134
			<i>LPST ID:</i> 116178 <i>Closure Date Corrective Action Status:</i> 12/31/3000 1 - RELEASE DETERMINATION				
15	LPST	HERTZ RENT A CAR	5050 WRIGHT RD HOUSTON TX 77032	NNE	0.47 / 2,488.98	10	135
			<i>LPST ID:</i> 91348 <i>Closure Date Corrective Action Status:</i> 5/29/2019 6A - FINAL CONCURRENCE ISSUED				
16	LPST	TERMINAL C SOUTH	4411 WRIGHT RD HOUSTON TX 77032	NW	0.47 / 2,490.87	12	135
			<i>LPST ID:</i> 93558 <i>Closure Date Corrective Action Status:</i> 2/7/2000 6A - FINAL CONCURRENCE ISSUED				
16	LPST	TERMINAL C IAH	4411 WRIGHT RD HOUSTON TX 77032	NW	0.47 / 2,490.87	12	136
			<i>LPST ID:</i> 92816 <i>Closure Date Corrective Action Status:</i> 7/13/1989 6A - FINAL CONCURRENCE ISSUED				
16	LPST	CONTINENTAL AIRLINES	4411 WRIGHT RD HOUSTON TX 77032	NW	0.47 / 2,490.87	12	137
			<i>LPST ID:</i> 111708 <i>Closure Date Corrective Action Status:</i> 1/16/2002 6A - FINAL CONCURRENCE ISSUED				
17	LPST	AVIS RENT A CAR	4960 WRIGHT RD HOUSTON TX 77032	N	0.47 / 2,491.00	10	137
			<i>LPST ID:</i> 99806 <i>Closure Date Corrective Action Status:</i> 2/14/1992 6A - FINAL CONCURRENCE ISSUED				
17	LPST	AVIS RENT A CAR SYS	4960 WRIGHT RD HOUSTON TX 77032	N	0.47 / 2,491.00	10	138
			<i>LPST ID:</i> 116255 <i>Closure Date Corrective Action Status:</i> 2/4/2010 6A - FINAL CONCURRENCE ISSUED				
17	APAR	AVIS RENT A CAR MAINT	4960 WRIGHT RD 4960 Wright Rd, Houston, TX HOUSTON TX 77032	N	0.47 / 2,491.00	10	139
18	LPST	AVIS RENT A CAR	4931 WRIGHT RD HOUSTON TX 77032	N	0.48 / 2,510.87	11	139
			<i>LPST ID:</i> 91244 <i>Closure Date Corrective Action Status:</i> 4/6/1998 6A - FINAL CONCURRENCE ISSUED				
19	LPST	DELTA HOUSTON INTRNTL AIRPORT	4661 WRIGHT RD HOUSTON TX 77032	NNW	0.48 / 2,515.48	11	140
			<i>LPST ID:</i> 93676 <i>Closure Date Corrective Action Status:</i> 12/10/2001 6A - FINAL CONCURRENCE ISSUED				
19	IHW CORR ACTION	GEORGE BUSH INTERCONTINENTAL MAINTENANCE FACILITY	4661 WRIGHT RD HOUSTON TX 77032	NNW	0.48 / 2,515.48	11	140
20	LPST	TEJAS PROPERTIES	18410 LEE RD HOUSTON TX 77002	NE	0.49 / 2,613.54	9	141
			<i>LPST ID:</i> 108516 <i>Closure Date Corrective Action Status:</i> 4/13/1999 6A - FINAL CONCURRENCE ISSUED				

Executive Summary: Summary by Data Source

Standard

Federal

SEMS - SEMS List 8R Active Site Inventory

A search of the SEMS database, dated Jun 30, 2022 has found that there are 1 SEMS site(s) within approximately 0.50 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
FEDERAL AVIATION ADMINISTRATION- IAH AIRPORT	4215 Will Clayton Parkway HOUSTON TX 77032	WNW	0.24 / 1,245.81	6
<i>EPA ID: TXN000605561</i>				

RCRA NON GEN - RCRA Non-Generators

A search of the RCRA NON GEN database, dated Jun 27, 2022 has found that there are 1 RCRA NON GEN site(s) within approximately 0.25 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
CITY OF HOUSTON AVIATION DEPARTMENT	4500 WILL CLAYTON PKWY HOUSTON TX 77032-5262	NW	0.25 / 1,300.93	7
<i>EPA Handler ID: TXR000024521</i>				

State

LPST - Leaking Petroleum Storage Tank Database

A search of the LPST database, dated Aug 3, 2022 has found that there are 15 LPST site(s) within approximately 0.50 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
VACANT	5702 JETERO BLVD HOUSTON TX 77032	N	0.33 / 1,760.06	8
<i>LPST ID: 109692</i> <i>Closure Date Corrective Action Status: 9/6/1995 6A - FINAL CONCURRENCE ISSUED</i>				
GEN RENT A CAR	6115 WILL CLAYTON PKWY HUMBLE TX 77338	ENE	0.37 / 1,972.08	10
<i>LPST ID: 96464</i> <i>Closure Date Corrective Action Status: 3/12/1991 6A - FINAL CONCURRENCE ISSUED</i>				
HERTZ USED CAR SALES	5703 WILL CLAYTON PKWY HUMBLE TX 77338	ENE	0.39 / 2,033.81	11
<i>LPST ID: 98595</i> <i>Closure Date Corrective Action Status: 2/14/1992 6A - FINAL CONCURRENCE ISSUED</i>				
FORMER NATIONAL CAR RENTAL SYSTEM	4551 WILL CLAYTON PKWY HOUSTON TX 77032	NW	0.39 / 2,052.92	12

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
	<i>LPST ID: 91748</i>			
	<i>Closure Date Corrective Action Status: 7/27/2016 6A - FINAL CONCURRENCE ISSUED</i>			
NATIONAL CAR RENTAL SYSTEM	4551 WILL CLAYTON PKWY HOUSTON TX 77032	NW	0.39 / 2,052.92	12
	<i>LPST ID: 93041</i>			
	<i>Closure Date Corrective Action Status: 7/27/2016 6A - FINAL CONCURRENCE ISSUED</i>			
HANDI STOP 40	6355 WILL CLAYTON PKWY HUMBLE TX 77338	ENE	0.45 / 2,374.42	14
	<i>LPST ID: 116178</i>			
	<i>Closure Date Corrective Action Status: 12/31/3000 1 - RELEASE DETERMINATION</i>			
HERTZ RENT A CAR	5050 WRIGHT RD HOUSTON TX 77032	NNE	0.47 / 2,488.98	15
	<i>LPST ID: 91348</i>			
	<i>Closure Date Corrective Action Status: 5/29/2019 6A - FINAL CONCURRENCE ISSUED</i>			
CONTINENTAL AIRLINES	4411 WRIGHT RD HOUSTON TX 77032	NW	0.47 / 2,490.87	16
	<i>LPST ID: 111708</i>			
	<i>Closure Date Corrective Action Status: 1/16/2002 6A - FINAL CONCURRENCE ISSUED</i>			
TERMINAL C IAH	4411 WRIGHT RD HOUSTON TX 77032	NW	0.47 / 2,490.87	16
	<i>LPST ID: 92816</i>			
	<i>Closure Date Corrective Action Status: 7/13/1989 6A - FINAL CONCURRENCE ISSUED</i>			
TERMINAL C SOUTH	4411 WRIGHT RD HOUSTON TX 77032	NW	0.47 / 2,490.87	16
	<i>LPST ID: 93558</i>			
	<i>Closure Date Corrective Action Status: 2/7/2000 6A - FINAL CONCURRENCE ISSUED</i>			
AVIS RENT A CAR SYS	4960 WRIGHT RD HOUSTON TX 77032	N	0.47 / 2,491.00	17
	<i>LPST ID: 116255</i>			
	<i>Closure Date Corrective Action Status: 2/4/2010 6A - FINAL CONCURRENCE ISSUED</i>			
AVIS RENT A CAR	4960 WRIGHT RD HOUSTON TX 77032	N	0.47 / 2,491.00	17
	<i>LPST ID: 99806</i>			
	<i>Closure Date Corrective Action Status: 2/14/1992 6A - FINAL CONCURRENCE ISSUED</i>			
AVIS RENT A CAR	4931 WRIGHT RD HOUSTON TX 77032	N	0.48 / 2,510.87	18
	<i>LPST ID: 91244</i>			
	<i>Closure Date Corrective Action Status: 4/6/1998 6A - FINAL CONCURRENCE ISSUED</i>			
DELTA HOUSTON INTRNTL AIRPORT	4661 WRIGHT RD HOUSTON TX 77032	NNW	0.48 / 2,515.48	19
	<i>LPST ID: 93676</i>			
	<i>Closure Date Corrective Action Status: 12/10/2001 6A - FINAL CONCURRENCE ISSUED</i>			
TEJAS PROPERTIES	18410 LEE RD HOUSTON TX 77002	NE	0.49 / 2,613.54	20
	<i>LPST ID: 108516</i>			
	<i>Closure Date Corrective Action Status: 4/13/1999 6A - FINAL CONCURRENCE ISSUED</i>			

UST - Underground Petroleum Storage Tanks

A search of the UST database, dated Aug 4, 2022 has found that there are 3 UST site(s) within approximately 0.25 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
HFD FIRE STATION 92	4301 WILL CLAYTON PKWY HOUSTON TX 77032	WNW	0.08 / 409.86	3
<i>Facility Status Facility ID: INACTIVE 100806 Tank ID Status Status Begin Date: 1 REMOVED FROM GROUND 08/30/2011, 2 REMOVED FROM GROUND 08/30/2011</i>				
IAH GH127 ALS	AIRPORT RUNWAY 27-GHI TX	E	0.17 / 899.00	5
<i>Facility Status Facility ID: INACTIVE 64092 Tank ID Status Status Begin Date: 1 REMOVED FROM GROUND 04/12/2017</i>				
GEORGE BUSH INTERCONTINENTAL AIRPORT	4500 WILL CLAYTON PKWY HOUSTON TX 77032	NW	0.25 / 1,300.93	7
<i>Facility Status Facility ID: ACTIVE 51528 Tank ID Status Status Begin Date: 1A REMOVED FROM GROUND 10/27/1993, 2 IN USE 12/19/1991, 6B REMOVED FROM GROUND 10/25/1993, 1 IN USE 12/19/1991, 4 IN USE 12/19/1991, 7 IN USE 12/04/2013, 3 IN USE 12/19/1991, 9 IN USE 12/04/2013, 2A REMOVED FROM GROUND 10/27/1993, 3A REMOVED FROM GROUND 11/01/1993, 4A REMOVED FROM GROUND 11/03/1993, 11 REMOVED FROM GROUND 11/19/1993, 7A REMOVED FROM GROUND 12/08/1993, 8 TEMP OUT OF SERVICE 02/14/2020, 21 REMOVED FROM GROUND 11/02/1993, 5 PERM FILLED IN PLACE 01/26/2007, 9A REMOVED FROM GROUND 11/19/1993, 10 REMOVED FROM GROUND 11/19/1993, 14 REMOVED FROM GROUND 12/01/1993, 12 REMOVED FROM GROUND 03/31/1994, 6A REMOVED FROM GROUND 12/01/2003, 13 REMOVED FROM GROUND 12/01/1993, 15 REMOVED FROM GROUND 03/31/1994</i>				

AST - Aboveground Storage Tanks

A search of the AST database, dated Aug 4, 2022 has found that there are 2 AST site(s) within approximately 0.25 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
IAH ATCT	4215 WILL CLAYTON PKWY HOUSTON TX 77032	WNW	0.24 / 1,245.81	6
<i>Facility Status Facility ID: ACTIVE 104375 Tank ID Status Status Date: 1 IN USE 02/02/1995</i>				
GEORGE BUSH INTERCONTINENTAL AIRPORT	4500 WILL CLAYTON PKWY HOUSTON TX 77032	NW	0.25 / 1,300.93	7
<i>Facility Status Facility ID: ACTIVE 51528 Tank ID Status Status Date: 3HCFC OUT OF USE 03/01/2001, 1 IN USE 01/01/1994, 22 OUT OF USE 01/29/1997</i>				

HIST TANK - Historical Tank Construction Notification

A search of the HIST TANK database, dated Jul 19, 2022 has found that there are 1 HIST TANK site(s) within approximately 0.25 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
GEORGE BUSH INTERCONTINENTAL AIR	4500 WILL CLAYTON PKWY HOUSTON TX	NW	0.25 / 1,300.93	7
<i>Facility ID: 0012461</i>				

Non Standard

State

APAR - Affected Property Assessment Reports

A search of the APAR database, dated Jun 3, 2022 has found that there are 1 APAR site(s) within approximately 0.50 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
AVIS RENT A CAR MAINT	4960 WRIGHT RD 4960 Wright Rd, Houston, TX HOUSTON TX 77032	N	0.47 / 2,491.00	17

IHW CORR ACTION - Industrial and Hazardous Waste Sites with Corrective Actions

A search of the IHW CORR ACTION database, dated Aug 16, 2022 has found that there are 3 IHW CORR ACTION site(s) within approximately 1.00 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
GEORGE BUSH INTERCONTINENTAL AIRPORT OLD TERMINAL C NORTH	3500 N TERMINAL RD HOUSTON TX 77032	WNW	0.36 / 1,907.61	9
GEORGE BUSH INTERCONTINENTAL AIRPORT	3800 N TERMINAL RD HOUSTON TX 77032	WNW	0.42 / 2,235.56	13
GEORGE BUSH INTERCONTINENTAL MAINTENANCE FACILITY	4661 WRIGHT RD HOUSTON TX 77032	NNW	0.48 / 2,515.48	19

NOV - Notice of Violation

A search of the NOV database, dated May 2, 2022 has found that there are 1 NOV site(s) within approximately 0.25 miles of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
DH GRIFFIN OF TEXAS	3225 WILL CLAYTON PKWY , HOUSTON , TX 77032 TX	W	0.04 / 223.71	1

NOE - Notices of Enforcement

A search of the NOE database, dated Jul 5, 2022 has found that there are 1 NOE site(s) within approximately 0.25 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
IAH GH127 ALS	AIRPORT RUNWAY 27-GHI HOUSTON TX 77032	E	0.17 / 899.00	5

ORD - Court Orders & Administrative Orders

A search of the ORD database, dated Mar 21, 2022 has found that there are 2 ORD site(s) within approximately 0.25 miles of the project property.

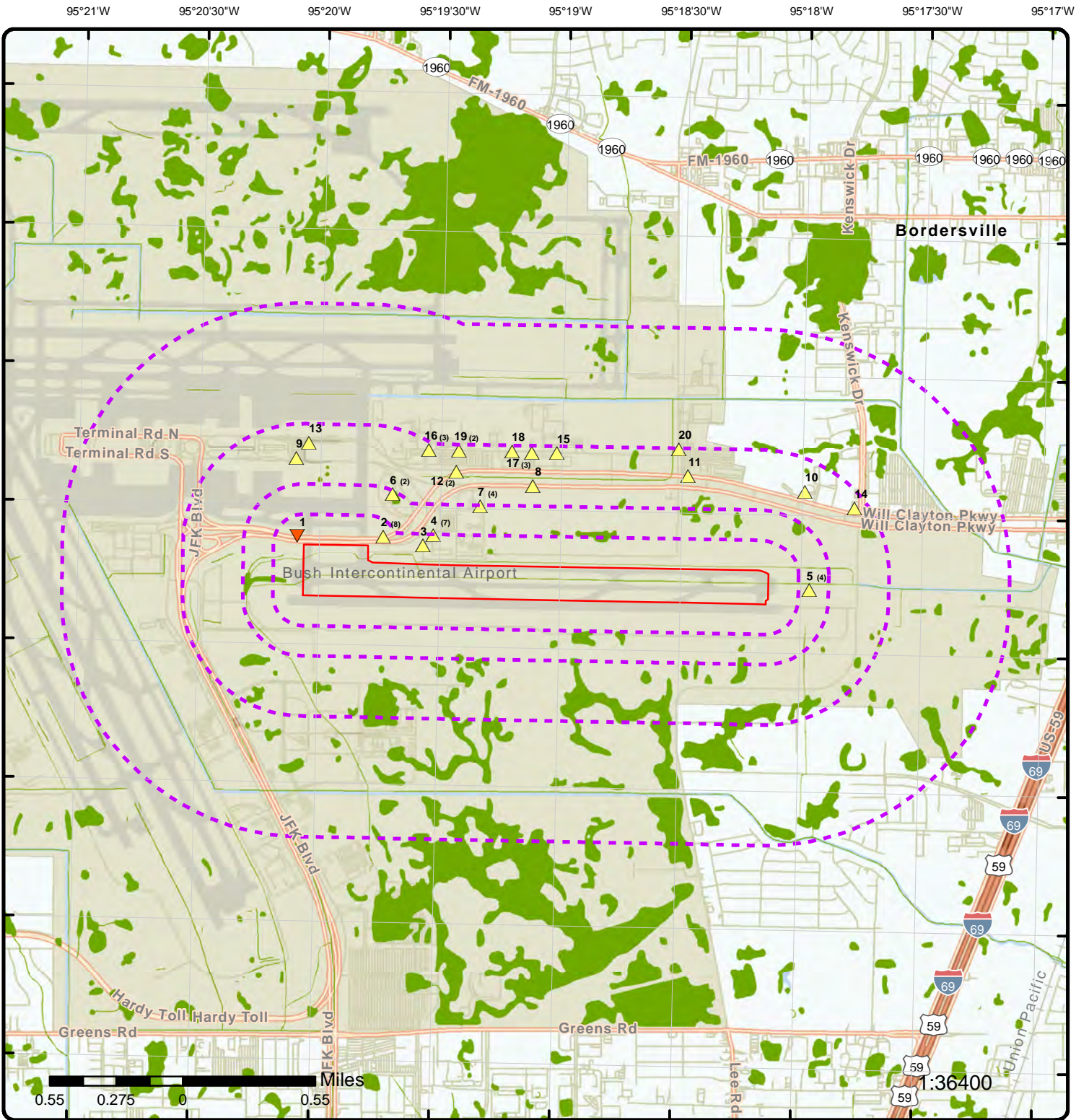
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
IAH GH127 ALS	AIRPORT RUNWAY 27-GHI TX	E	0.17 / 899.00	5
IAH GH127 ALS	AIRPORT RUNWAY 27-GHI TX	E	0.17 / 899.00	5

TIER 2 - Tier 2 Report

A search of the TIER 2 database, dated Dec 31, 2012 has found that there are 15 TIER 2 site(s) within approximately 0.12 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
COH PWE WP GROUNDWATER INTERCONTNENTL # 2	4181 WILL CLAYTON PARKWAY HOUSTON TX 77032	WNW	0.07 / 391.61	2
COH PWE DWO INTERCONTINENTAL #2 PLANT	4181 WILL CLAYTON PARKWAY HOUSTON TX 77032	WNW	0.07 / 391.61	2
COH PWE DWO INTERCONTINENTAL #2 PLANT	4181 WILL CLAYTON PARKWAY HOUSTON TX 77032	WNW	0.07 / 391.61	2
COH PWE DWO INTERCONTINENTAL #2 PLANT	4181 WILL CLAYTON PARKWAY HOUSTON TX 77032	WNW	0.07 / 391.61	2
COH PWE DWO INTERCONTINENTAL #2 PLANT	4181 WILL CLAYTON PARKWAY HOUSTON TX 77032	WNW	0.07 / 391.61	2
COH PWE DWO INTERCONTINENTAL #2 PLANT	4181 WILL CLAYTON PARKWAY HOUSTON TX 77032	WNW	0.07 / 391.61	2
COH PWE WP GROUNDWATER INTERCONTNENTL # 2	4181 WILL CLAYTON PARKWAY HOUSTON TX 77032	WNW	0.07 / 391.61	2
COH PWE WP GROUNDWATER INTERCONTNENTL # 2	4181 WILL CLAYTON PARKWAY HOUSTON TX 77032	WNW	0.07 / 391.61	2
HARRIS COUNTY MUD 278 S-1	4621 WILL CLAYTON PARKWAY HUMBLE TX 77346	WNW	0.12 / 645.94	4

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
HARRIS COUNTY MUD 278 WWTP	4621 WILL CLAYTON PARKWAY HUMBLE TX 77346	WNW	0.12 / 645.94	4
HARRIS COUNTY MUD 278 S-1	4621 WILL CLAYTON PARKWAY HUMBLE TX 77346	WNW	0.12 / 645.94	4
HARRIS COUNTY MUD 278 WWTP	4621 WILL CLAYTON PARKWAY HUMBLE TX 77346	WNW	0.12 / 645.94	4
HARRIS COUNTY MUD 278 WWTP	4621 WILL CLAYTON PARKWAY HUMBLE TX 77346	WNW	0.12 / 645.94	4
HARRIS COUNTY MUD 278 S-1	4621 WILL CLAYTON PARKWAY HUMBLE TX 77346	WNW	0.12 / 645.94	4
HARRIS COUNTY MUD 278 S-1	4621 WILL CLAYTON PARKWAY HUMBLE TX 77346	WNW	0.12 / 645.94	4

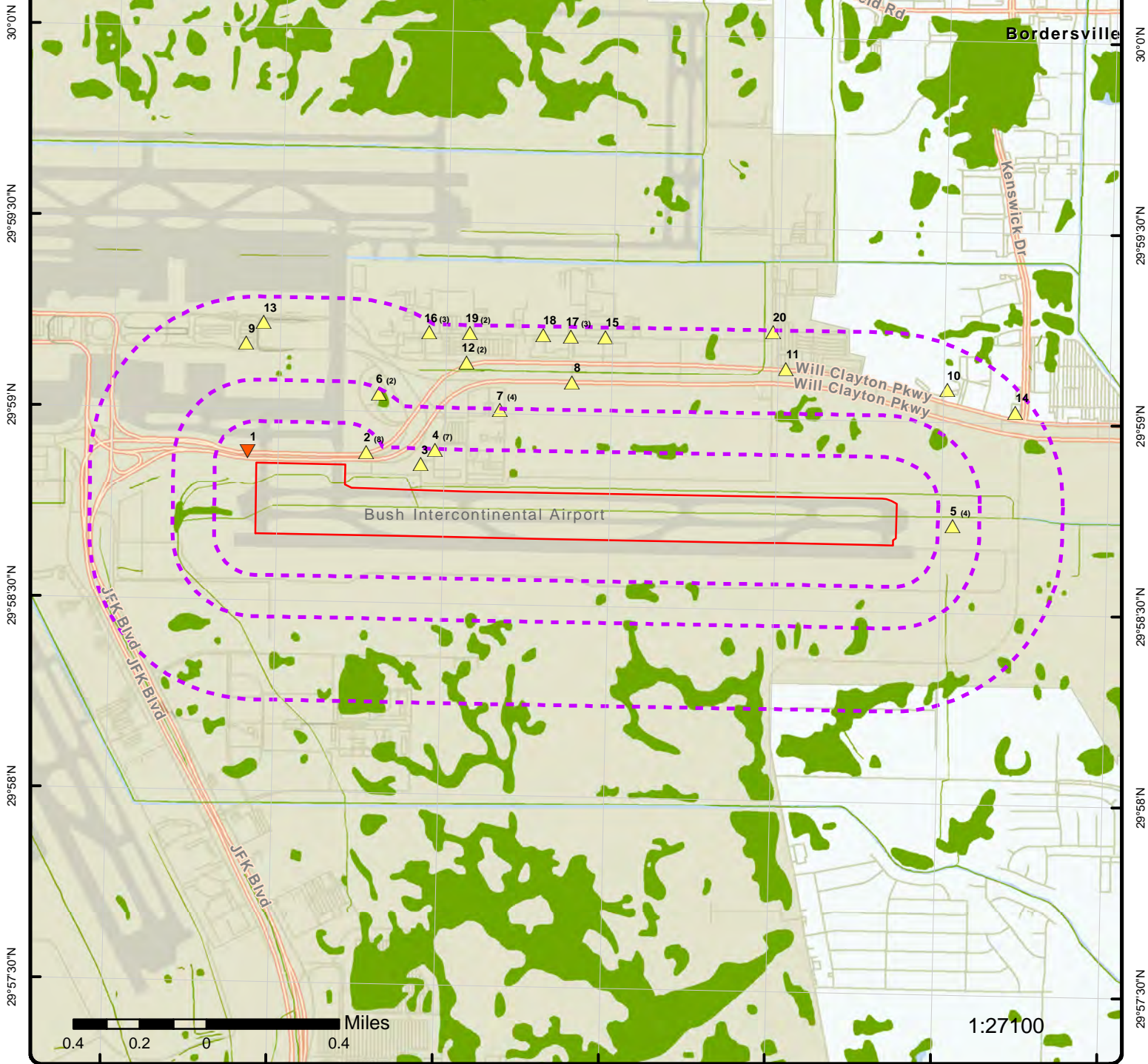


Map: 1.0 Mile Radius

Order Number: 22101100993
 Address: IAH Taxiways SA, SB, Houston, TX



- | | | | |
|------------------------------|------------------------|---------------------|--|
| Project Property | Buffer Outline | State | FWS Special Designation Areas |
| Sites with Higher Elevation | Freeways; Highways | Country | National Priorities List (Active, Delisted, Proposed, Institutional Control) |
| Sites with Same Elevation | Traffic Circle; Ramp | National Wetland | |
| Sites with Lower Elevation | Major & Minor Arterial | Indian Reserve Land | |
| Sites with Unknown Elevation | Traffic Circle; Ramp | Plume | |
| Areas with Higher Elevation | Local Road | 100 Year Flood Zone | |
| Areas with Same Elevation | Rail | 500 Year Flood Zone | |
| Areas with Lower Elevation | | | |
| Areas with Unknown Elevation | | | |

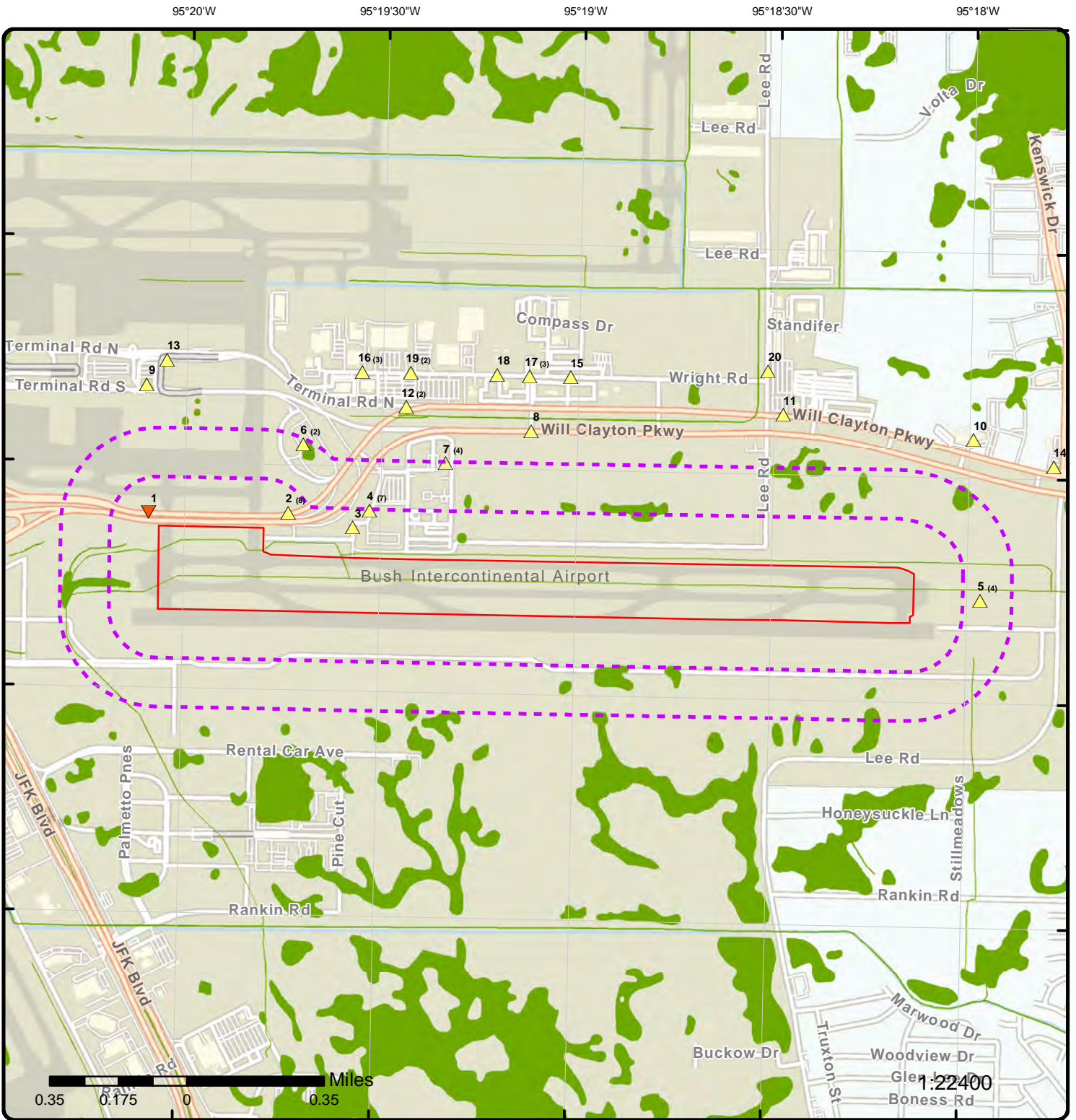


Map: 0.5 Mile Radius

Order Number: 22101100993
 Address: IAH Taxiways SA, SB, Houston, TX



- | | | | |
|------------------------------|------------------------|---------------------|--|
| Project Property | Buffer Outline | State | FWS Special Designation Areas |
| Sites with Higher Elevation | Freeways; Highways | Country | National Priorities List (Active, Delisted, Proposed, Institutional Control) |
| Sites with Same Elevation | Traffic Circle; Ramp | National Wetland | |
| Sites with Lower Elevation | Major & Minor Arterial | Indian Reserve Land | |
| Sites with Unknown Elevation | Traffic Circle; Ramp | Plume | |
| Areas with Higher Elevation | Local Road | 100 Year Flood Zone | |
| Areas with Same Elevation | Rail | 500 Year Flood Zone | |
| Areas with Lower Elevation | | | |
| Areas with Unknown Elevation | | | |



Map: 0.25 Mile Radius

Order Number: 22101100993
 Address: IAH Taxiways SA, SB, Houston, TX



- | | | | |
|------------------------------|------------------------|---------------------|--|
| Project Property | Buffer Outline | State | FWS Special Designation Areas |
| Sites with Higher Elevation | Freeways; Highways | Country | National Priorities List (Active, Delisted, Proposed, Institutional Control) |
| Sites with Same Elevation | Traffic Circle; Ramp | National Wetland | |
| Sites with Lower Elevation | Major & Minor Arterial | Indian Reserve Land | |
| Sites with Unknown Elevation | Traffic Circle; Ramp | Plume | |
| Areas with Higher Elevation | Local Road | 100 Year Flood Zone | |
| Areas with Same Elevation | Rail | 500 Year Flood Zone | |
| Areas with Lower Elevation | | | |
| Areas with Unknown Elevation | | | |



Aerial Year:

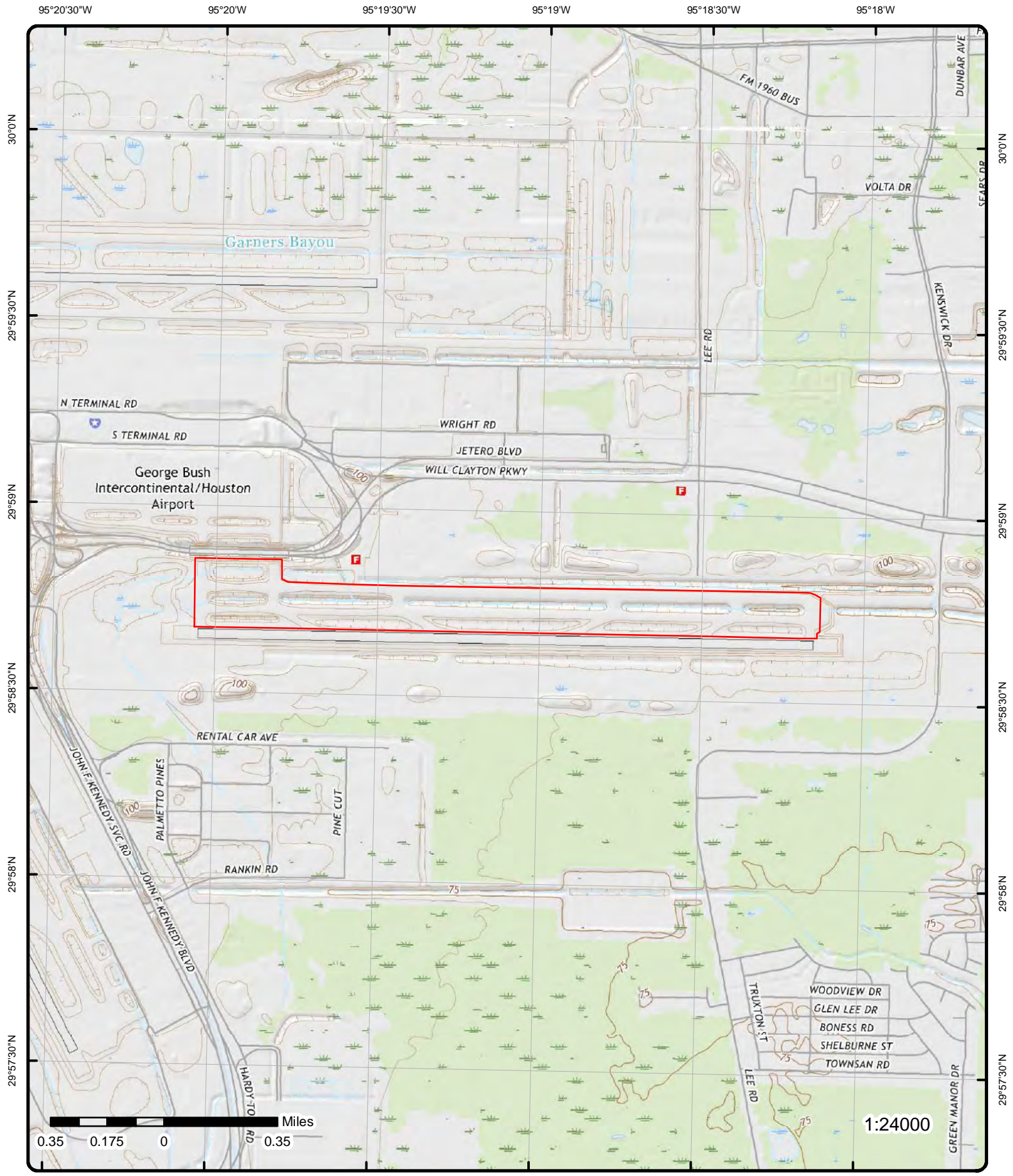
Address: IAH Taxiways SA, SB, Houston, TX

Source: ESRI World Imagery

Order Number: 22101100993



© ERIS Information Inc.



Topographic Map

Year: 2016

Order Number: 22101100993

Address: IAH Taxiways SA, SB, TX



Quadrangle(s): Maedan, TX; Humble, TX

© ERIS Information Inc.

Source: USGS Topographic Map

Detail Report

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>1</u>	1 of 1	W	0.04 / 223.71	70.74 / -3	DH GRIFFIN OF TEXAS 3225 WILL CLAYTON PKWY , HOUSTON , TX 77032 TX	NOV

RN No:	RN103139135	Near City:	
TCEQ Region:		Lat Dec Coord No:	0
County (OD):		Long Dec Coord No:	0
Physical City (OD):		Latitude (OD):	
Physical Zip (OD):		Longitude (OD):	
Regulated Entity Name (OD):			
Physical Location (OD):			
Address:	3225 WILL CLAYTON PKWY , HOUSTON , TX 77032		
Physical Location:			
Data Source:	TCEQ NOV (Info Request)		

Violation Details

Track ID:	45168
Customer Cn No:	CN601685605
Customer:	D.H. Griffin of Texas, Inc.
Contact:	
Contact Title:	
Investigation No:	61562
Investigation Status:	DAPPROVED
Business:	
Status Dt:	7/2/2003 12:00:00 AM
Start Dt:	5/9/2003 12:00:00 AM
End Dt:	5/9/2003 12:00:00 AM
Mail Addr:	3225 WILL CLAYTON PKWY
Mail City:	HOUSTON
Mail State:	TX
Region:	REGION 12 - HOUSTON
Zip Code:	77032
Geo Loc ID:	302603552003129
Actv Cd:	AIRCOMPL
Cat Cd:	B
Media:	AIR
Method:	
Notice Type:	NOV
Nov Date:	6/18/2003 12:00:00 AM
Violation Allegation:	Failure to control the emissions of dust from a demolition site.
Violation Status:	RESOLVED
Violation Resolution:	A follow-up investigation was scheduled. However investigators were not able to locate the site due to construction and detours in the area. Investigators contacted Mr. Willie Smith of D. H. Griffin of Texas. Based on information from Mr. Smith, construction was finished at the site approximately one week after issuance of the violation.
Rule Citation:	111.145(1)

<u>2</u>	1 of 8	WNW	0.07 / 391.61	75.05 / 1	COH PWE WP GROUNDWATER INTERCONTNENTL # 2 4181 WILL CLAYTON PARKWAY HOUSTON TX 77032	TIER 2
----------	--------	-----	------------------	--------------	---	--------

Facility Record ID:	FATR20061T0FK10457AQ	Latitude:	
Report Year:	2006	Longitude:	
Fac Fire District:		Lat/long Method:	
No of Employees:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
---------	-------------------	-----------	------------------	----------------	------	----

Facility: PUBLIC WORKS AND ENGINEERING
Facility Name: COH PWE WP GROUNDWATER INTERCONTNENTL # 2
Failed Validation:
Fac Country: USA
Fac County: HARRIS-HOUSTON
Lat/Long Loc Des:
Submitted by: TED LOW, SAFETY SUPERVISOR
F Notes:

Chemicals in Inventory (2006)

CICAS: 7782-50-5	Days on Site: 365
Entered Chem Name: CHLORINE	Gas: T
Ave Amount Code: 03	Liquid: T
Ave Amount: 1050	Mixture:
Max Amount: 1050	Pressure: T
Max Amount Code: 03	Pure: T
Max Amt Container: 150	Solid:

2	2 of 8	WNW	0.07 / 391.61	75.05 / 1	COH PWE WP GROUNDWATER INTERCONTNENTL # 2 4181 WILL CLAYTON PARKWAY HOUSTON TX 77032	TIER 2
-------------------	--------	-----	---------------	-----------	--	--------

Facility Record ID: FATR20071T0FK10457AQ
Report Year: 2007
Fac Fire District:
No of Employees:
Facility: PUBLIC WORKS AND ENGINEERING
Facility Name: COH PWE WP GROUNDWATER INTERCONTNENTL # 2
Failed Validation:
Fac Country: USA
Fac County: HARRIS-HOUSTON
Lat/Long Loc Des:
Submitted by: Janet R. Opre - HazCom Safety Officer
F Notes:

Latitude:
Longitude:
Lat/long Method:

Chemicals in Inventory (2007)

CICAS: 7782-50-5	Days on Site: 365
Entered Chem Name: CHLORINE	Gas: T
Ave Amount Code: 03	Liquid: T
Ave Amount: 1050	Mixture:
Max Amount: 1050	Pressure: T
Max Amount Code: 03	Pure: T
Max Amt Container: 150	Solid:

2	3 of 8	WNW	0.07 / 391.61	75.05 / 1	COH PWE DWO INTERCONTINENTAL #2 PLANT 4181 WILL CLAYTON PARKWAY HOUSTON TX 77032	TIER 2
-------------------	--------	-----	---------------	-----------	--	--------

Facility Record ID: FATR20121T0FK10457AQ
Report Year: 2012
Fac Fire District:
No of Employees:
Facility: PUBLIC WORKS AND ENGINEERING
Facility Name: COH PWE DWO INTERCONTINENTAL #2 PLANT
Failed Validation:
Fac Country: USA
Fac County: HARRIS-HOUSTON
Lat/Long Loc Des:
Submitted by: Shawn P. Roe, Safety Officer

Latitude:
Longitude:
Lat/long Method:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
---------	-------------------	-----------	------------------	----------------	------	----

F Notes:

Chemicals in Inventory (2012 Part 2)

<u>2</u>	4 of 8	WNW	0.07 / 391.61	75.05 / 1	COH PWE DWO INTERCONTINENTAL #2 PLANT 4181 WILL CLAYTON PARKWAY HOUSTON TX 77032	TIER 2
----------	--------	-----	------------------	--------------	---	--------

Facility Record ID: FATR20101T0FK10457AQ
Report Year: 2010
Fac Fire District:
No of Employees:
Facility: PUBLIC WORKS AND ENGINEERING
Facility Name: COH PWE DWO INTERCONTINENTAL #2 PLANT
Failed Validation:
Fac Country: USA
Fac County: HARRIS-HOUSTON
Lat/Long Loc Des:
Submitted by: CHAD V. FROST, SAFETY/HAZCOM COMPLIANCE OFFICER
F Notes:

Latitude:
Longitude:
Lat/long Method:

Chemicals in Inventory (2010)

CICAS:	7782-50-5	Days on Site:	365
Entered Chem Name:	CHLORINE	Gas:	T
Ave Amount Code:	02	Liquid:	T
Ave Amount:	300	Mixture:	
Max Amount:	300	Pressure:	T
Max Amount Code:	02	Pure:	T
Max Amt Container:	150	Solid:	

<u>2</u>	5 of 8	WNW	0.07 / 391.61	75.05 / 1	COH PWE DWO INTERCONTINENTAL #2 PLANT 4181 WILL CLAYTON PARKWAY HOUSTON TX 77032	TIER 2
----------	--------	-----	------------------	--------------	---	--------

Facility Record ID: FATR20111T0FK10457AQ
Report Year: 2011
Fac Fire District:
No of Employees:
Facility: PUBLIC WORKS AND ENGINEERING
Facility Name: COH PWE DWO INTERCONTINENTAL #2 PLANT
Failed Validation:
Fac Country: USA
Fac County: HARRIS-HOUSTON
Lat/Long Loc Des:
Submitted by: Ken Waterhouse
F Notes:

Latitude:
Longitude:
Lat/long Method:

Chemicals in Inventory (2011 Part 2)

CICAS:	7782-50-5	Days on Site:	365
Entered Chem Name:	CHLORINE	Gas:	T
Ave Amount Code:	02	Liquid:	T
Ave Amount:	300	Mixture:	
Max Amount:	300	Pressure:	T
Max Amount Code:	02	Pure:	T
Max Amt Container:	150	Solid:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
2	6 of 8	WNW	0.07 / 391.61	75.05 / 1	COH PWE DWO INTERCONTINENTAL #2 PLANT 4181 WILL CLAYTON PARKWAY HOUSTON TX 77032	TIER 2

Facility Record ID: FATR20081T0FK10457AQ **Latitude:**
Report Year: 2008 **Longitude:**
Fac Fire District: **Lat/long Method:**
No of Employees:
Facility: PUBLIC WORKS AND ENGINEERING
Facility Name: COH PWE DWO INTERCONTINENTAL #2 PLANT
Failed Validation:
Fac Country: USA
Fac County: HARRIS-HOUSTON
Lat/Long Loc Des:
Submitted by: CHAD V FROST, CITY OF HOUSTON HAZCOM COMPLIANCE COORDINATOR
F Notes:

Chemicals in Inventory (2008)

CICAS:	7782-50-5	Days on Site:	365
Entered Chem Name:	CHLORINE	Gas:	T
Ave Amount Code:	02	Liquid:	T
Ave Amount:	300	Mixture:	
Max Amount:	300	Pressure:	T
Max Amount Code:	02	Pure:	T
Max Amt Container:	150	Solid:	

2	7 of 8	WNW	0.07 / 391.61	75.05 / 1	COH PWE DWO INTERCONTINENTAL #2 PLANT 4181 WILL CLAYTON PARKWAY HOUSTON TX 77032	TIER 2
-------------------	--------	-----	---------------	-----------	---	--------

Facility Record ID: FATR20091T0FK10457AQ **Latitude:**
Report Year: 2009 **Longitude:**
Fac Fire District: **Lat/long Method:**
No of Employees:
Facility: PUBLIC WORKS AND ENGINEERING
Facility Name: COH PWE DWO INTERCONTINENTAL #2 PLANT
Failed Validation: T
Fac Country: USA
Fac County: HARRIS-HOUSTON
Lat/Long Loc Des:
Submitted by:
F Notes:

Chemicals in Inventory (2009)

CICAS:	7782-50-5	Days on Site:	365
Entered Chem Name:	CHLORINE	Gas:	T
Ave Amount Code:	02	Liquid:	T
Ave Amount:	300	Mixture:	
Max Amount:	300	Pressure:	T
Max Amount Code:	02	Pure:	T
Max Amt Container:	150	Solid:	

2	8 of 8	WNW	0.07 / 391.61	75.05 / 1	COH PWE WP GROUNDWATER INTERCONTNENTL # 2 4181 WILL CLAYTON PARKWAY HOUSTON TX 77032	TIER 2
-------------------	--------	-----	---------------	-----------	---	--------

Facility Record ID: FATR20051T0FK10457AQ **Latitude:**

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Report Year:	2005				Longitude:	
Fac Fire District:					Lat/long Method:	
No of Employees:						
Facility:		PUBLIC WORKS AND ENGINEERING				
Facility Name:		COH PWE WP GROUNDWATER INTERCONTNENTL # 2				
Failed Validation:						
Fac Country:		USA				
Fac County:		HARRIS-HOUSTON				
Lat/Long Loc Des:						
Submitted by:		TED LOW, SAFETY SUPERVISOR				
F Notes:						

Chemicals in Inventory (2005)

CICAS:	7782-50-5	Days on Site:	365
Entered Chem Name:	CHLORINE	Gas:	T
Ave Amount Code:	03	Liquid:	T
Ave Amount:	1050	Mixture:	
Max Amount:	1050	Pressure:	T
Max Amount Code:	03	Pure:	T
Max Amt Container:	150	Solid:	

<u>3</u>	1 of 1	WNW	0.08 / 409.86	87.90 / 14	HFD FIRE STATION 92 4301 WILL CLAYTON PKWY HOUSTON TX 77032	UST
----------	--------	-----	---------------	------------	---	-----

PST ID No:	45068	Contact First Name:	
Facility Type:	FLEET REFUELING	Contact Middle Nm:	
Fac Begin Date:	09/01/1993	Contact Last Name:	
Facility Status:	INACTIVE	Contact Title:	
Fac Exempt Status:	No	Contact Organization:	HFD FIRE STATION 92
Records Off Site:	Yes	Phone No Area Cd:	713
No of Active USTs:	0	Phone No:	2389663
No of Active ASTs:	0	Phone No Ext:	0
UST Fin Assu Req:	No	Facility ID:	100806
Site Addr Delivery:	4301 WILL CLAYTON PKWY	Additional ID:	575753162002150
Site Addr City Nm:	HOUSTON	Mail Addr Delivery:	
Site Addr Zip Ext:	5265	Mail Addr Int Del:	
Site Loc City:		Mail Addr City Nm:	
Site Location Zip:	77032	Mail Addr State Cd:	
TCEQ Region:	12	Mail Addr Zip:	
County:	HARRIS	Mail Addr Zip Ext:	
Received Date:	08/10/1987	Fax No Area Cd:	
Signature Date:	08/06/1987	Fax No:	
Sig First Name:	DAVID E	Fax No Ext:	
Sig Middle Name:		Email Address:	
Sig Last Name:	HAGLER	Addr Deliverable:	
Signature Title:	SUPERVISOR	Latitude(Map):	
Signature Role:		Longitude(Map):	
Sig Company:		Facility Name(Map):	
Enforcement Action:		Address(Map):	
Enf Action Date:		City(Map):	
Fac Not Inspect:	No	State(Map):	
Fac Not Insp Rsn:		Zip(Map):	
Fac Not Insp Rsn2:		County(Map):	
Site Location Description:			
Data Source:	Petroleum Storage Tank(Raw Data); Inactive USTs		
Note:	Documents related to facilities in Texas can be searched on TCEQ Records Online Central File Room (CFR): https://records.tceq.texas.gov/cs/idcplg?IdcService=TCEQ_SEARCH Basic information, including RN numbers, for facilities in TX can be searched on the TCEQ Central Registry: https://www15.tceq.texas.gov/crpub/ Information about how to use these resources can be found here: https://www.tceq.texas.gov/assets/public/agency/How-to-Use-Central-File-Room-Online.pdf		

Tank Information

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
---------	-------------------	-----------	------------------	----------------	------	----

UST ID:	175038				Capacity (gal):	1000
Tank ID:	1				Empty:	NO
Regulatory Status:	FULLY REGULATED				Internal Protection:	
Status:	REMOVED FROM GROUND				Design Single Wall:	YES
Status Begin Date:	08/30/2011				Design Double Wall:	NO
Installation Date:	07/01/1987				Piping Dsgn Sngl Wll:	YES
Registration Date:	08/10/1987				Piping Dsgn Dble Wll:	NO
No of Compartments:	1					

Tank Material

Steel:	NO
FRP (Fibergla Reinfor Plastic):	YES
Composite (Steel w/Ext FRP):	NO
Concrete:	NO
Steel w/External Jacket:	NO
Steel w/External Polyurethane:	NO

Tank External Containment

Factory-Built Nonmetal Jacket:	NO
Synth Tnk Pit/Pipe-Trench Lnr:	NO
Tank Vault/Rigid Trench Liner:	NO

Tank Corrosion Protection Method

External Dielectric:	NO
Cathodic Protection-Fact Inst:	NO
Cathodic Protection-Field Inst:	NO
Composite Tank:	NO
Coated Tank:	NO
FRP Tank or Piping:	YES
External Nonmetallic Jacket:	NO
Unnecessary per Corr Protect Specialist:	NO

UST Tank Compartment

UST Comprt ID:	155038	Substance Stored 1:	EMPTY
Compartment ID:	A	Substance Stored 2:	
Capacity (gallons):	1000	Substance Stored 3:	

Compartment Release Detection

Vapor Monitoring:	YES
Groundwater Monitoring:	YES
Monitoring of Barrier:	NO
Auto Tnk Gauge Test & Inv Ctrl:	NO
Interstitial Monitor w/ Sec:	NO
Weekly Manual Gauging:	YES
Monthly Tank Gauging:	NO
SIR & Inventory Control:	YES

Spill and Overfill Prevention

Tight Fill Fit Container/Bucket:	YES
Factory Spill Container/Bucket:	YES
Delivery Shut-Off Valve:	YES
Flow Restrictor Valve:	NO
Alarm(set@<=90%) w/3a or 3b):	NO
N/A-All Deliver to Tank<=25 gal:	NO

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
---------	-------------------	-----------	------------------	----------------	------	----

Comp Release Detect Compli: YES
 Piping Release Detect Compli: YES
 Spill/Overfill Prevent Compli: YES
 Comp Release Detect. Vary: NO
 Piping Release Detect Vary: NO
 Spill/Overfill Prevent. Variance: NO
 Stage 1 Vapor Recovery: TWO POINT SYSTEM
 Stage 1 Installation Date:

Piping Release Detection

Vapor Monitoring: YES
 Groundwater Monitoring: YES
 Secondary Barrier Monitoring: NO
 Interstitial Monitoring: NO
 Monthly Piping Tightness Test: NO
 Annual Test/Electro Monitor: NO
 Triennial Tightness Test: YES
 Auto Line Leak Detector: NO
 SIR & Inventory Control: YES
 Exempt System Suction: NO

UST Tank Compartment

UST Comprt ID:	155038	Substance Stored 1:	EMPTY
Compartment ID:	A	Substance Stored 2:	
Capacity (gallons):	1000	Substance Stored 3:	

Compartment Release Detection

Vapor Monitoring: YES
 Groundwater Monitoring: YES
 Monitoring of Barrier: NO
 Auto Tnk Gauge Test & Inv Ctrl: NO
 Interstitial Monitor w/ Sec: NO
 Weekly Manual Gauging: YES
 Monthly Tank Gauging: NO
 SIR & Inventory Control: YES

Spill and Overfill Prevention

Tight Fill Fit Container/Bucket: YES
 Factory Spill Container/Bucket: YES
 Delivery Shut-Off Valve: YES
 Flow Restrictor Valve: NO
 Alarm(set @ <=90%) w/3a or 3b): NO
 N/A-All Deliver to Tank <=25 gal: NO
 Comp Release Detect Compli: YES
 Piping Release Detect Compli: YES
 Spill/Overfill Prevent Compli: YES
 Comp Release Detect. Vary: NO
 Piping Release Detect Vary: NO
 Spill/Overfill Prevent. Variance: NO
 Stage 1 Vapor Recovery: TWO POINT SYSTEM
 Stage 1 Installation Date:

Piping Release Detection

Vapor Monitoring: YES
 Groundwater Monitoring: YES
 Secondary Barrier Monitoring: NO
 Interstitial Monitoring: NO
 Monthly Piping Tightness Test: NO

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Annual Test/Electro Monitor:		NO				
Triennial Tightness Test:		YES				
Auto Line Leak Detector:		NO				
SIR & Inventory Control:		YES				
Exempt System Suction:		NO				

Piping External Containment

Factory Nonmetal Jacket:	NO
Synth Tnk Pit/Pipe-Tren Lnr:	NO
Tank Vault/Rigid Trench Liner:	NO
Piping Type Code:	S
Piping Type Description:	Suction

Piping Material

Steel:	NO
FRP (Fibergla Reinfor Plastic):	YES
Concrete:	NO
Steel w/External Jacket:	NO
Nonmetallic Flexible Piping:	NO

Piping Connectors & Valves

Shear/Impact Valves:	NO
Steel Swing-joints:	NO
Flexible Connectors:	NO

Piping Corrosion Protection Method

External Dielectric:	NO
Cathodic Protection-Fact Inst:	NO
Cathodic Protection-Field Inst:	NO
Frp Tank or Piping:	YES
Nonmetallic Flexible Piping:	NO
Open Area/2nd Containment:	NO
Dual Protected:	NO
Unec per Corr Protect Spc:	NO
Tank Corr Protect Compliance:	YES
Piping Corr Protect Compli:	YES
Tank Corr Protect Variance:	NO
Piping Corr Protect Variance:	NO
Temp Out of Service Comp:	NO
Technical Compliance:	NO
Tank Tested:	NO
Installation Signature Date:	

Tank Information

UST ID:	175039	Capacity (gal):	1000
Tank ID:	2	Empty:	NO
Regulatory Status:	FULLY REGULATED	Internal Protection:	
Status:	REMOVED FROM GROUND	Design Single Wall:	YES
Status Begin Date:	08/30/2011	Design Double Wall:	NO
Installation Date:	07/01/1987	Piping Dsgn Sngl Wll:	YES
Registration Date:	08/10/1987	Piping Dsgn Dble Wll:	NO
No of Compartments:	1		

Tank Material

Steel:	NO
FRP (Fibergla Reinfor Plastic):	YES

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Composite (Steel w/Ext FRP):		NO				
Concrete:		NO				
Steel w/External Jacket:		NO				
Steel w/External Polyurethane:		NO				

Tank External Containment

Factory-Built Nonmetal Jacket:	NO
Synth Tnk Pit/Pipe-Trench Lnr:	NO
Tank Vault/Rigid Trench Liner:	NO

Tank Corrosion Protection Method

External Dielectric:	NO
Cathodic Protection-Fact Inst:	NO
Cathodic Protection-Field Inst:	NO
Composite Tank:	NO
Coated Tank:	NO
FRP Tank or Piping:	YES
External Nonmetallic Jacket:	NO
Unnecessary per Corr Protect Specialist:	NO

UST Tank Compartment

UST Comprt ID:	155039	Substance Stored 1:	EMPTY
Compartment ID:	A	Substance Stored 2:	
Capacity (gallons):	1000	Substance Stored 3:	

Compartment Release Detection

Vapor Monitoring:	YES
Groundwater Monitoring:	YES
Monitoring of Barrier:	NO
Auto Tnk Gauge Test & Inv Ctrl:	NO
Interstitial Monitor w/ Sec:	NO
Weekly Manual Gauging:	YES
Monthly Tank Gauging:	NO
SIR & Inventory Control:	YES

Spill and Overfill Prevention

Tight Fill Fit Container/Bucket:	YES
Factory Spill Container/Bucket:	YES
Delivery Shut-Off Valve:	YES
Flow Restrictor Valve:	NO
Alarm(set@<=90%) w/3a or 3b):	NO
N/A-All Deliver to Tank<=25 gal:	NO
Comp Release Detect Compli:	YES
Piping Release Detect Compli:	YES
Spill/Overfill Prevent Compli:	YES
Comp Release Detect. Vary:	NO
Piping Release Detect Vary:	NO
Spill/Overfill Prevent. Variance:	NO
Stage 1 Vapor Recovery:	TWO POINT SYSTEM
Stage 1 Installation Date:	

Piping Release Detection

Vapor Monitoring:	YES
Groundwater Monitoring:	YES
Secondary Barrier Monitoring:	NO

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Interstitial Monitoring:		NO				
Monthly Piping Tightness Test:		NO				
Annual Test/Electro Monitor:		NO				
Triennial Tightness Test:		YES				
Auto Line Leak Detector:		NO				
SIR & Inventory Control:		YES				
Exempt System Suction:		NO				

UST Tank Compartment

UST Comprt ID:	155039	Substance Stored 1:	EMPTY
Compartment ID:	A	Substance Stored 2:	
Capacity (gallons):	1000	Substance Stored 3:	

Compartment Release Detection

Vapor Monitoring:	YES
Groundwater Monitoring:	YES
Monitoring of Barrier:	NO
Auto Tnk Gauge Test & Inv Ctrl:	NO
Interstitial Monitor w/ Sec:	NO
Weekly Manual Gauging:	YES
Monthly Tank Gauging:	NO
SIR & Inventory Control:	YES

Spill and Overfill Prevention

Tight Fill Fit Container/Bucket:	YES
Factory Spill Container/Bucket:	YES
Delivery Shut-Off Valve:	YES
Flow Restrictor Valve:	NO
Alarm(set@<=90%) w/3a or 3b):	NO
N/A-All Deliver to Tank<=25 gal:	NO
Comp Release Detect Compli:	YES
Piping Release Detect Compl:	YES
Spill/Overfill Prevent Compli:	YES
Comp Release Detect. Vary:	NO
Piping Release Detect Vary:	NO
Spill/Overfill Prevent. Variance:	NO
Stage 1 Vapor Recovery:	TWO POINT SYSTEM
Stage 1 Installation Date:	

Piping Release Detection

Vapor Monitoring:	YES
Groundwater Monitoring:	YES
Secondary Barrier Monitoring:	NO
Interstitial Monitoring:	NO
Monthly Piping Tightness Test:	NO
Annual Test/Electro Monitor:	NO
Triennial Tightness Test:	YES
Auto Line Leak Detector:	NO
SIR & Inventory Control:	YES
Exempt System Suction:	NO

Piping External Containment

Factory Nonmetal Jacket:	NO
Synth Tnk Pit/Pipe-Tren Lnr:	NO
Tank Vault/Rigid Trench Liner:	NO
Piping Type Code:	S
Piping Type Description:	Suction

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
---------	-------------------	-----------	------------------	----------------	------	----

Piping Material

Steel: NO
 FRP (Fiberglass Reinforced Plastic): YES
 Concrete: NO
 Steel w/External Jacket: NO
 Nonmetallic Flexible Piping: NO

Piping Connectors & Valves

Shear/Impact Valves: NO
 Steel Swing-joints: NO
 Flexible Connectors: NO

Piping Corrosion Protection Method

External Dielectric: NO
 Cathodic Protection-Fact Inst: NO
 Cathodic Protection-Field Inst: NO
 Frp Tank or Piping: YES
 Nonmetallic Flexible Piping: NO
 Open Area/2nd Containment: NO
 Dual Protected: NO
 Unec per Corr Protect Spc: NO
 Tank Corr Protect Compliance: YES
 Piping Corr Protect Compli: YES
 Tank Corr Protect Variance: NO
 Piping Corr Protect Variance: NO
 Temp Out of Service Comp: NO
 Technical Compliance: NO
 Tank Tested: NO
 Installation Signature Date:

Inactive UST Information

Fac ID:	45068	Own Cont F Name:	MICHAEL
Tank ID:	1	Own Cont L Name:	JOZWIAK
Tank Status:	REMOVED FROM GROUND	Own Org Name:	CITY OF HOUSTON
Tank Capacity (Gal):	1000	Own Mailing Address:	PO BOX 1562
Facility Name:	HFD FIRE STATION 92	Own Cont City:	HOUSTON
Facility Address:	4301 WILL CLAYTON PKWY	Own Cont State:	TX
Facility City:	HOUSTON	Own Cont Zip:	77251
Facility Nearest City:		Own Cont Area Code:	
County:	HARRIS	Own Cont Phone:	
Facility Zip:	77032	TCEQ Region:	12
Facility Local Zip:	77032		
Fac Local Desc:			

Inactive UST Information

Fac ID:	45068	Own Cont F Name:	MICHAEL
Tank ID:	2	Own Cont L Name:	JOZWIAK
Tank Status:	REMOVED FROM GROUND	Own Org Name:	CITY OF HOUSTON
Tank Capacity (Gal):	1000	Own Mailing Address:	PO BOX 1562
Facility Name:	HFD FIRE STATION 92	Own Cont City:	HOUSTON
Facility Address:	4301 WILL CLAYTON PKWY	Own Cont State:	TX
Facility City:	HOUSTON	Own Cont Zip:	77251
Facility Nearest City:		Own Cont Area Code:	
County:	HARRIS	Own Cont Phone:	
Facility Zip:	77032	TCEQ Region:	12
Facility Local Zip:	77032		
Fac Local Desc:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
----------------	--------------------------	------------------	-------------------------	-----------------------	-------------	-----------

Owner

Owner CN: CN600128995
Owner First Name:
Middle Name:
Comp or Own Last Name: CITY OF HOUSTON
Owner Effective Begin Date: 09/01/1993
Owner Type Code: CI
Owner Type Description: City Government
State Tax ID:
Contact Role: OWNOPRCON
Contact First Name: GABRIEL
Contact Middle Name:
Contact Last Name: MUSSIO
Contact Title: DIVISION MANAGER
Contact Organization Name: CITY OF HOUSTON
Mailing Address (Delivery): PO BOX 61189
Mailing Addr (Int Delivery):
Mailing City: HOUSTON
Mailing State: TX
Mailing Zip: 77208
Mailing Zip Ext: 1189
Phone Area Code: 832
Phone No: 3938079
Phone Ext: 0
Fax Area Code:
Fax No:
Fax Ext:
Email:

Operator

Operator CN: CN600128995
Operator First Name:
Operator Middle Name:
Comp or Opr Last Name: CITY OF HOUSTON
Operator Effective Begin Date: 09/01/1993
Operator Type Code: CI
Operator Type Description: City Government
Contact Role: OPRCON
Contact First Name: BRAXTON
Contact Middle Name:
Contact Last Name: COLES
Contact Title:
Contact Organization Name: CITY OF HOUSTON
Mailing Address (Delivery): 901 BAGBY ST
Address Internal (Delivery):
Mailing City: HOUSTON
Mailing State: TX
Mailing Zip: 77002
Mailing Zip Ext: 2526
Phone Area Code: 832
Phone No: 3954722
Phone Ext: 0
Fax Area Code:
Fax No:
Fax Ext:
Email: TAS@HOUSTONTX.GOV

Facility Billing Contacts

AR No:
AR No Suffix(U=UST fee code):
AR No Suffix(A=AST fee code):
Contact First Name: MICHAEL

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Contact Middle Name:		C				
Contact Last Name:		JOZWIAK				
Contact Title:						
Contact Organization Name:		CITY OF HOUSTON				
Mailing Address (Delivery):		PO BOX 1562				
Mailing Addr (Int Delivery):						
Mailing City:		HOUSTON				
Mailing State:		TX				
Mailing Zip:		77251				
Mailing Zip Ext:		1562				
Phone Area Code:						
Phone No:						
Phone Ext:						
Fax Area Code:						
Fax No:						
Fax No Ext:						
Email:						
Contact Address Deliverable:		YES				
<u>Self-Certification</u>						
Self Cert ID:		172707				
Signature Date:		08/23/2002				
Signature Name:		TANWIR BADAR				
Signature Title:		DEPUTY ASST DIRECTOR				
Signature Type Role:		LEGAL AUTH REP OWNER				
Filing Status:		RENEWAL				
Registration Self-Certification:		YES				
Facility Fees Self-Certification:		YES				
Fin Assurance Self-Cert:		YES				
Tech Standards Self-Cert:		YES				
Delivery Certificate Expire:		09/30/2003				
Reporting Method Code:						
Reporting Method Description:						
Tank Corr Protect Compl:						
Piping Corr Protect Compl:						
Comp Release Detect Compl:						
Piping Release Detect Compl:						
Spill Prev & Overfill Compl:						
<u>Self-Certification</u>						
Self Cert ID:		172709				
Signature Date:		09/08/2004				
Signature Name:		MICHAEL C JOZWIAK				
Signature Title:		ASST. PROJECT MGR.				
Signature Type Role:		LEGAL AUTH REP OWNER				
Filing Status:		RENEWAL				
Registration Self-Certification:		YES				
Facility Fees Self-Certification:		YES				
Fin Assurance Self-Cert:		YES				
Tech Standards Self-Cert:		YES				
Delivery Certificate Expire:		09/30/2005				
Reporting Method Code:						
Reporting Method Description:						
Tank Corr Protect Compl:						
Piping Corr Protect Compl:						
Comp Release Detect Compl:						
Piping Release Detect Compl:						
Spill Prev & Overfill Compl:						
<u>Self-Certification</u>						
Self Cert ID:		172712				
Signature Date:		10/11/2007				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Signature Name:		MICHAEL C JOZWIAK				
Signature Title:		PROJECT MANAGER				
Signature Type Role:		LEGAL AUTH REP OWNER				
Filing Status:		RENEWAL				
Registration Self-Certification:		YES				
Facility Fees Self-Certification:		YES				
Fin Assurance Self-Cert:		YES				
Tech Standards Self-Cert:		YES				
Delivery Certificate Expire:		09/30/2008				
Reporting Method Code:						
Reporting Method Description:						
Tank Corr Protect Compl:						
Piping Corr Protect Compl:						
Comp Release Detect Compl:						
Piping Release Detect Compl:						
Spill Prev & Overfill Compl:						
<u>Self-Certification</u>						
Self Cert ID:		172715				
Signature Date:		09/21/2010				
Signature Name:		MICHAEL C JOZWIAK				
Signature Title:		PROJECT MANAGER				
Signature Type Role:		LEGAL AUTH REP OWNER				
Filing Status:		RENEWAL				
Registration Self-Certification:		YES				
Facility Fees Self-Certification:		YES				
Fin Assurance Self-Cert:		YES				
Tech Standards Self-Cert:		YES				
Delivery Certificate Expire:		09/30/2011				
Reporting Method Code:						
Reporting Method Description:						
Tank Corr Protect Compl:						
Piping Corr Protect Compl:						
Comp Release Detect Compl:						
Piping Release Detect Compl:						
Spill Prev & Overfill Compl:						
<u>Self-Certification</u>						
Self Cert ID:		172714				
Signature Date:		09/04/2009				
Signature Name:		MICHAEL C JOZWIAK				
Signature Title:		PROJECT MANAGER				
Signature Type Role:		LEGAL AUTH REP OWNER				
Filing Status:		RENEWAL				
Registration Self-Certification:		YES				
Facility Fees Self-Certification:		YES				
Fin Assurance Self-Cert:		YES				
Tech Standards Self-Cert:		YES				
Delivery Certificate Expire:		09/30/2010				
Reporting Method Code:						
Reporting Method Description:						
Tank Corr Protect Compl:						
Piping Corr Protect Compl:						
Comp Release Detect Compl:						
Piping Release Detect Compl:						
Spill Prev & Overfill Compl:						
<u>Self-Certification</u>						
Self Cert ID:		172708				
Signature Date:		09/26/2003				
Signature Name:		TANWIR BADAR				
Signature Title:		DEPUTY ASST DIR				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Signature Type Role:		LEGAL AUTH REP OWNER				
Filing Status:		RENEWAL				
Registration Self-Certification:		YES				
Facility Fees Self-Certification:		YES				
Fin Assurance Self-Cert:		YES				
Tech Standards Self-Cert:		YES				
Delivery Certificate Expire:		09/30/2004				
Reporting Method Code:						
Reporting Method Description:						
Tank Corr Protect Compl:						
Piping Corr Protect Compl:						
Comp Release Detect Compl:						
Piping Release Detect Compl:						
Spill Prev & Overfill Compl:						

Self-Certification

Self Cert ID: 172713
Signature Date: 01/06/2009
Signature Name: MICHAEL C JOZWIAK
Signature Title: PROJ MGR
Signature Type Role: LEGAL AUTH REP OWNER
Filing Status: RENEWAL
Registration Self-Certification: YES
Facility Fees Self-Certification: YES
Fin Assurance Self-Cert: YES
Tech Standards Self-Cert: YES
Delivery Certificate Expire: 09/30/2009
Reporting Method Code:
Reporting Method Description:
Tank Corr Protect Compl:
Piping Corr Protect Compl:
Comp Release Detect Compl:
Piping Release Detect Compl:
Spill Prev & Overfill Compl:

Self-Certification

Self Cert ID: 172710
Signature Date: 08/05/2005
Signature Name: MICHAEL C JOZWIAK
Signature Title: PROJECT MANAGER
Signature Type Role: LEGAL AUTH REP OWNER
Filing Status: RENEWAL
Registration Self-Certification: YES
Facility Fees Self-Certification: YES
Fin Assurance Self-Cert: YES
Tech Standards Self-Cert: YES
Delivery Certificate Expire: 09/30/2006
Reporting Method Code:
Reporting Method Description:
Tank Corr Protect Compl:
Piping Corr Protect Compl:
Comp Release Detect Compl:
Piping Release Detect Compl:
Spill Prev & Overfill Compl:

Self-Certification

Self Cert ID: 172706
Signature Date: 02/02/2001
Signature Name: TANWIR BADAR
Signature Title: DEP ASST DIR
Signature Type Role: LEGAL AUTH REP OWNER
Filing Status: INITIAL

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Registration Self-Certification: YES Facility Fees Self-Certification: YES Fin Assurance Self-Cert: YES Tech Standards Self-Cert: YES Delivery Certificate Expire: 09/30/2002 Reporting Method Code: Reporting Method Description: Tank Corr Protect Compl: Piping Corr Protect Compl: Comp Release Detect Compl: Piping Release Detect Compl: Spill Prev & Overfill Compl:						

Self-Certification

Self Cert ID: 172711
Signature Date: 08/01/2006
Signature Name: MICHAEL C JOZWIAK
Signature Title: PROJECT MANAGER
Signature Type Role: LEGAL AUTH REP OWNER
Filing Status: RENEWAL
Registration Self-Certification: YES
Facility Fees Self-Certification: YES
Fin Assurance Self-Cert: YES
Tech Standards Self-Cert: YES
Delivery Certificate Expire: 09/30/2007
Reporting Method Code:
Reporting Method Description:
Tank Corr Protect Compl:
Piping Corr Protect Compl:
Comp Release Detect Compl:
Piping Release Detect Compl:
Spill Prev & Overfill Compl:

<u>4</u>	1 of 7	WNW	0.12 / 645.94	84.77 / 11	HARRIS COUNTY MUD 278 S-1 4621 WILL CLAYTON PARKWAY HUMBLE TX 77346	TIER 2
----------	--------	-----	---------------	------------	---	--------

Facility Record ID: FATR201048Z7CX01UX4G
Report Year: 2010
Fac Fire District:
No of Employees:
Facility:
Facility Name: HARRIS COUNTY MUD 278 S-1
Failed Validation:
Fac Country: USA
Fac County: HARRIS-UNINCORP
Lat/Long Loc Des:
Submitted by: Melissa Kapsen
F Notes:

Latitude:
Longitude:
Lat/long Method:

Chemicals in Inventory (2010)

CICAS: 7782-50-5
Entered Chem Name: CHLORINE GAS
Ave Amount Code: 02
Ave Amount:
Max Amount:
Max Amount Code: 02
Max Amt Container:

Days on Site: 365
Gas: T
Liquid:
Mixture:
Pressure: T
Pure: T
Solid:

<u>4</u>	2 of 7	WNW	0.12 / 645.94	84.77 / 11	HARRIS COUNTY MUD 278 WWTP 4621 WILL CLAYTON PARKWAY HUMBLE TX 77346	TIER 2
----------	--------	-----	---------------	------------	--	--------

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
---------	-------------------	-----------	------------------	----------------	------	----

Facility Record ID: FATR200748Z7CX01UX4G **Latitude:**
Report Year: 2007 **Longitude:**
Fac Fire District: **Lat/long Method:**
No of Employees:
Facility:
Facility Name: HARRIS COUNTY MUD 278 WWTP
Failed Validation:
Fac Country: USA
Fac County: HARRIS
Lat/Long Loc Des:
Submitted by: KERI MICHALSKI, SAFETY ADMINISTRATOR
F Notes:

Chemicals in Inventory (2007)

CICAS: 7778-54-3	Days on Site: 365
Entered Chem Name: CALCIUM HYPOCHLORITE GRANULAR	Gas:
Ave Amount Code: 01	Liquid:
Ave Amount:	Mixture: T
Max Amount:	Pressure:
Max Amount Code: 01	Pure:
Max Amt Container:	Solid: T

Chemicals in Inventory (2007)

CICAS: 7782-50-5	Days on Site: 365
Entered Chem Name: CHLORINE GAS	Gas: T
Ave Amount Code: 02	Liquid:
Ave Amount:	Mixture:
Max Amount:	Pressure: T
Max Amount Code: 02	Pure: T
Max Amt Container:	Solid:

4	3 of 7	WNW	0.12 / 645.94	84.77 / 11	HARRIS COUNTY MUD 278 S-1 4621 WILL CLAYTON PARKWAY HUMBLE TX 77346	TIER 2
-------------------	--------	-----	---------------	------------	---	--------

Facility Record ID: FATR200948Z7CX01UX4G **Latitude:**
Report Year: 2009 **Longitude:**
Fac Fire District: **Lat/long Method:**
No of Employees:
Facility:
Facility Name: HARRIS COUNTY MUD 278 S-1
Failed Validation:
Fac Country: USA
Fac County: HARRIS-UNINCORP
Lat/Long Loc Des:
Submitted by: Melissa Haas
F Notes:

Chemicals in Inventory (2009)

CICAS: 7782-50-5	Days on Site: 365
Entered Chem Name: CHLORINE GAS	Gas: T
Ave Amount Code: 02	Liquid:
Ave Amount:	Mixture:
Max Amount:	Pressure: T
Max Amount Code: 02	Pure: T
Max Amt Container:	Solid:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>4</u>	4 of 7	WNW	0.12 / 645.94	84.77 / 11	HARRIS COUNTY MUD 278 WWTP 4621 WILL CLAYTON PARKWAY HUMBLE TX 77346	TIER 2

Facility Record ID: FATR200548Z7CX01UX4G
Report Year: 2005
Fac Fire District:
No of Employees:
Facility:
Facility Name: HARRIS COUNTY MUD 278 WWTP
Failed Validation:
Fac Country: USA
Fac County: HARRIS
Lat/Long Loc Des:
Submitted by: SHERRI WARREN, ENV QUALITY SPECIALISTS
F Notes:

Chemicals in Inventory (2005)

CICAS: 7778-54-3
Entered Chem Name: CALCIUM HYPOCHLORITE GRANULAR
Ave Amount Code: 01
Ave Amount:
Max Amount:
Max Amount Code: 01
Max Amt Container:

Days on Site: 365
Gas:
Liquid:
Mixture: T
Pressure:
Pure:
Solid: T

Chemicals in Inventory (2005)

CICAS: 7782-50-5
Entered Chem Name: CHLORINE GAS
Ave Amount Code: 02
Ave Amount:
Max Amount:
Max Amount Code: 02
Max Amt Container:

Days on Site: 365
Gas: T
Liquid:
Mixture:
Pressure: T
Pure: T
Solid:

<u>4</u>	5 of 7	WNW	0.12 / 645.94	84.77 / 11	HARRIS COUNTY MUD 278 WWTP 4621 WILL CLAYTON PARKWAY HUMBLE TX 77346	TIER 2
----------	--------	-----	---------------	------------	--	--------

Facility Record ID: FATR200648Z7CX01UX4G
Report Year: 2006
Fac Fire District:
No of Employees:
Facility:
Facility Name: HARRIS COUNTY MUD 278 WWTP
Failed Validation:
Fac Country: USA
Fac County: HARRIS
Lat/Long Loc Des:
Submitted by: John Brock, Mgr., Sherri Warren - submitter
F Notes:

Chemicals in Inventory (2006)

CICAS: 7778-54-3
Entered Chem Name: CALCIUM HYPOCHLORITE GRANULAR
Ave Amount Code: 01
Ave Amount:
Max Amount:
Max Amount Code: 01
Max Amt Container:

Days on Site: 365
Gas:
Liquid:
Mixture: T
Pressure:
Pure:
Solid: T

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
---------	-------------------	-----------	------------------	----------------	------	----

Chemicals in Inventory (2006)

CICAS:	7782-50-5	Days on Site:	365
Entered Chem Name:	CHLORINE GAS	Gas:	T
Ave Amount Code:	02	Liquid:	
Ave Amount:		Mixture:	
Max Amount:		Pressure:	T
Max Amount Code:	02	Pure:	T
Max Amt Container:		Solid:	

4	6 of 7	WNW	0.12 / 645.94	84.77 / 11	HARRIS COUNTY MUD 278 S-1 4621 WILL CLAYTON PARKWAY HUMBLE TX 77346	TIER 2
-------------------	--------	-----	---------------	------------	---	--------

Facility Record ID:	FATR201148Z7CX01UX4G	Latitude:	
Report Year:	2011	Longitude:	
Fac Fire District:		Lat/long Method:	
No of Employees:			
Facility:			
Facility Name:	HARRIS COUNTY MUD 278 S-1		
Failed Validation:			
Fac Country:	USA		
Fac County:	HARRIS-UNINCORP		
Lat/Long Loc Des:			
Submitted by:	Keri Michalski		
F Notes:			

Chemicals in Inventory (2011 Part 2)

CICAS:	7782-50-5	Days on Site:	365
Entered Chem Name:	CHLORINE GAS	Gas:	T
Ave Amount Code:	02	Liquid:	
Ave Amount:		Mixture:	
Max Amount:		Pressure:	T
Max Amount Code:	02	Pure:	T
Max Amt Container:		Solid:	

4	7 of 7	WNW	0.12 / 645.94	84.77 / 11	HARRIS COUNTY MUD 278 S-1 4621 WILL CLAYTON PARKWAY HUMBLE TX 77346	TIER 2
-------------------	--------	-----	---------------	------------	---	--------

Facility Record ID:	FATR200848Z7CX01UX4G	Latitude:	
Report Year:	2008	Longitude:	
Fac Fire District:		Lat/long Method:	
No of Employees:			
Facility:			
Facility Name:	HARRIS COUNTY MUD 278 S-1		
Failed Validation:			
Fac Country:	USA		
Fac County:	HARRIS-UNINCORP		
Lat/Long Loc Des:			
Submitted by:	Melissa Haas, Assistant Director of Compliance		
F Notes:			

Chemicals in Inventory (2008)

CICAS:	7778-54-3	Days on Site:	365
Entered Chem Name:	CALCIUM HYPOCHLORITE GRANULAR	Gas:	
Ave Amount Code:	01	Liquid:	
Ave Amount:		Mixture:	T
Max Amount:		Pressure:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Max Amount Code:	01				Pure:	
Max Amt Container:					Solid:	T
Chemicals in Inventory (2008)						
CICAS:	7782-50-5				Days on Site:	365
Entered Chem Name:	CHLORINE GAS				Gas:	T
Ave Amount Code:	02				Liquid:	
Ave Amount:					Mixture:	
Max Amount:					Pressure:	T
Max Amount Code:	02				Pure:	T
Max Amt Container:					Solid:	

<u>5</u>	1 of 4	E	0.17 / 899.00	80.70 / 7	IAH GH127 ALS AIRPORT RUNWAY 27-GHI TX	UST
PST ID No:	47038				Contact First Name:	
Facility Type:	EMERGENCY GENERATOR				Contact Middle Nm:	
Fac Begin Date:	01/01/1987				Contact Last Name:	
Facility Status:	INACTIVE				Contact Title:	
Fac Exempt Status:	No				Contact Organization:	IAH GH127 ALS
Records Off Site:	Yes				Phone No Area Cd:	281
No of Active USTs:	0				Phone No:	2536463
No of Active ASTs:	0				Phone No Ext:	0
UST Fin Assu Req:	No				Facility ID:	64092
Site Addr Delivery:					Additional ID:	757327662002345
Site Addr City Nm:					Mail Addr Delivery:	
Site Addr Zip Ext:					Mail Addr Int Del:	
Site Loc City:	HOUSTON				Mail Addr City Nm:	
Site Location Zip:	77032				Mail Addr State Cd:	
TCEQ Region:	12				Mail Addr Zip:	
County:	HARRIS				Mail Addr Zip Ext:	
Received Date:	02/14/2019				Fax No Area Cd:	
Signature Date:	06/13/2017				Fax No:	
Sig First Name:	BRAIN				Fax No Ext:	
Sig Middle Name:					Email Address:	
Sig Last Name:	HOLDER				Addr Deliverable:	
Signature Title:	REPRESENTATIVE				Latitude(Map):	29.97883
Signature Role:	LEGAL AUTH REP OWNER				Longitude(Map):	-95.29934
Sig Company:					Facility Name(Map):	
Enforcement Action:	No				Address(Map):	
Enf Action Date:					City(Map):	
Fac Not Inspect:	No				State(Map):	
Fac Not Insp Rsn:					Zip(Map):	
Fac Not Insp Rsn2:					County(Map):	
Site Location Description:	AIRPORT RUNWAY 27-GHI					
Data Source:	Petroleum Storage Tank(Raw Data); Petroleum Storage Tank (as of 18 March, 2021) (Map); Inactive USTs Documents related to facilities in Texas can be searched on TCEQ Records Online Central File Room (CFR): https://records.tceq.texas.gov/cs/idcplg?IdcService=TCEQ_SEARCH					
Note:	Basic information, including RN numbers, for facilities in TX can be searched on the TCEQ Central Registry: https://www15.tceq.texas.gov/crpub/ Information about how to use these resources can be found here: https://www.tceq.texas.gov/assets/public/agency/How-to-Use-Central-File-Room-Online.pdf					

Tank Information

UST ID:	122876	Capacity (gal):	2000
Tank ID:	1	Empty:	NO
Regulatory Status:	EMERG POWER GENERATOR	Internal Protection:	
Status:	REMOVED FROM GROUND	Design Single Wall:	NO
Status Begin Date:	04/12/2017	Design Double Wall:	YES
Installation Date:	01/01/1987	Piping Dsgn Sngl Wll:	YES
Registration Date:	01/30/1989	Piping Dsgn Dble Wll:	NO
No of Compartments:	1		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
---------	-------------------	-----------	------------------	----------------	------	----

Tank Material

Steel: NO
 FRP (Fibergla Reinfor Plastic): NO
 Composite (Steel w/Ext FRP): NO
 Concrete: NO
 Steel w/External Jacket: NO
 Steel w/External Polyurethane: NO

Tank External Containment

Factory-Built Nonmetal Jacket: NO
 Synth Tnk Pit/Pipe-Trench Lnr: NO
 Tank Vault/Rigid Trench Liner: NO

Tank Corrosion Protection Method

External Dielectric: NO
 Cathodic Protection-Fact Inst: NO
 Cathodic Protection-Field Inst: NO
 Composite Tank: NO
 Coated Tank: NO
 FRP Tank or Piping: YES
 External Nonmetallic Jacket: NO
 Unnecessary per Corr Protect Specialist: NO

UST Tank Compartment

UST Comprt ID:	79831	Substance Stored 1:
Compartment ID:	A	Substance Stored 2:
Capacity (gallons):	2000	Substance Stored 3:

Compartment Release Detection

Vapor Monitoring: NO
 Groundwater Monitoring: NO
 Monitoring of Barrier: NO
 Auto Tnk Gauge Test & Inv Ctrl: YES
 Interstitial Monitor w/ Sec: NO
 Weekly Manual Gauging: NO
 Monthly Tank Gauging: YES
 SIR & Inventory Control: YES

Spill and Overfill Prevention

Tight Fill Fit Container/Bucket: YES
 Factory Spill Container/Bucket: NO
 Delivery Shut-Off Valve: NO
 Flow Restrictor Valve: NO
 Alarm(set@<=90%) w/3a or 3b): YES
 N/A-All Deliver to Tank<=25 gal: NO
 Comp Release Detect Compli: YES
 Piping Release Detect Compl: YES
 Spill/Overfill Prevent Compli: NO
 Comp Release Detect. Vary: NO
 Piping Release Detect Vary: NO
 Spill/Overfill Prevent. Variance: NO
 Stage 1 Vapor Recovery:
 Stage 1 Installation Date:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
---------	-------------------	-----------	------------------	----------------	------	----

Piping Release Detection

Vapor Monitoring: NO
 Groundwater Monitoring: NO
 Secondary Barrier Monitoring: NO
 Interstitial Monitoring: NO
 Monthly Piping Tightness Test: NO
 Annual Test/Electro Monitor: NO
 Triennial Tightness Test: YES
 Auto Line Leak Detector: NO
 SIR & Inventory Control: NO
 Exempt System Suction: NO

Piping External Containment

Factory Nonmetal Jacket: NO
 Synth Tnk Pit/Pipe-Tren Lnr: NO
 Tank Vault/Rigid Trench Liner: NO
 Piping Type Code: S
 Piping Type Description: Suction

Piping Material

Steel: NO
 FRP (Fibergla Reinfor Plastic): NO
 Concrete: NO
 Steel w/External Jacket: YES
 Nonmetallic Flexible Piping: NO

Piping Connectors & Valves

Shear/Impact Valves: NO
 Steel Swing-joints: NO
 Flexible Connectors: NO

Piping Corrosion Protection Method

External Dielectric: NO
 Cathodic Protection-Fact Inst: NO
 Cathodic Protection-Field Inst: NO
 Frp Tank or Piping: YES
 Nonmetallic Flexible Piping: NO
 Open Area/2nd Containment: NO
 Dual Protected: NO
 Unec per Corr Protect Spc: NO
 Tank Corr Protect Compliance: YES
 Piping Corr Protect Compli: YES
 Tank Corr Protect Variance: NO
 Piping Corr Protect Variance: NO
 Temp Out of Service Comp: YES
 Technical Compliance: NO
 Tank Tested: NO
 Installation Signature Date: 08/17/1990

Inactive UST Information

Fac ID:	47038	Own Cont F Name:	SHEILA
Tank ID:	1	Own Cont L Name:	GRIFFITH
Tank Status:	REMOVED FROM GROUND	Own Org Name:	FAA HOUSTON TRACON DISTRICT 190
Tank Capacity (Gal):	2000	Own Mailing Address:	4005 GREENS RD
Facility Name:	IAH GH127 ALS	Own Cont City:	HOUSTON
Facility Address:		Own Cont State:	TX
Facility City:		Own Cont Zip:	77032

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Facility Nearest City:	HOUSTON				Own Cont Area Code:	
County:	HARRIS				Own Cont Phone:	
Facility Zip:					TCEQ Region:	12
Facility Local Zip:	77032					
Fac Local Desc:		AIRPORT RUNWAY 27-GHI				

Owner

Owner CN: CN600436885
Owner First Name:
Middle Name:
Comp or Own Last Name: FEDERAL AVIATION ADMINISTRATION
Owner Effective Begin Date: 02/01/2008
Owner Type Code: FG
Owner Type Description: Federal Government
State Tax ID:
Contact Role: OWNCON
Contact First Name: STACY
Contact Middle Name:
Contact Last Name: HOWARD
Contact Title: SECM
Contact Organization Name: FEDERAL AVIATION ADMINISTRATION
Mailing Address (Delivery): PO BOX 610368
Mailing Addr (Int Delivery):
Mailing City: DALLAS
Mailing State: TX
Mailing Zip: 75261
Mailing Zip Ext: 0368
Phone Area Code: 972
Phone No: 6152347
Phone Ext: 0
Fax Area Code:
Fax No:
Fax Ext:
Email:

Operator

Operator CN: CN600436885
Operator First Name:
Operator Middle Name:
Comp or Opr Last Name: FEDERAL AVIATION ADMINISTRATION
Operator Effective Begin Date: 02/01/2008
Operator Type Code: FG
Operator Type Description: Federal Government
Contact Role: OWNOPRCON
Contact First Name: SHEILA
Contact Middle Name:
Contact Last Name: GRIFFITH
Contact Title: 190 DISTRICT MGR
Contact Organization Name: FAA HOUSTON TRACON DISTRICT 190
Mailing Address (Delivery): 4005 GREENS RD
Address Internal (Delivery):
Mailing City: HOUSTON
Mailing State: TX
Mailing Zip: 77032
Mailing Zip Ext: 2333
Phone Area Code: 281
Phone No: 2308475
Phone Ext: 0
Fax Area Code:
Fax No:
Fax Ext:
Email:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
---------	-------------------	-----------	------------------	----------------	------	----

Facility Billing Contacts

AR No: 68227
 AR No Suffix(U=UST fee code):
 AR No Suffix(A=AST fee code): U
 Contact First Name: SHEILA
 Contact Middle Name:
 Contact Last Name: GRIFFITH
 Contact Title:
 Contact Organization Name: FAA HOUSTON TRACON DISTRICT 190
 Mailing Address (Delivery): 4005 GREENS RD
 Mailing Addr (Int Delivery):
 Mailing City: HOUSTON
 Mailing State: TX
 Mailing Zip: 77032
 Mailing Zip Ext: 2333
 Phone Area Code:
 Phone No:
 Phone Ext:
 Fax Area Code:
 Fax No:
 Fax No Ext:
 Email:
 Contact Address Deliverable: YES

TCEQ GIS Data Details

Fac ID:		TCEQ Region:	
PST ID:	0047038	Horz Meth:	GPS_DIFF
LPST ID:		Horz Acc:	5
TDA PST ID:		Horz Ref:	
UST Type:		Horz Date:	2012/08/09 00:00:00+00
Approved Date:		Horz Org:	UTA
Energy Act:		Horz Datum:	NAD83
No. of Active UST:		X:	-95.299333005
RN:	RN102956729	Y:	29.978824756
Phys Loc Desc:			

Self-Certification

Self Cert ID: 72573
 Signature Date: 06/28/2012
 Signature Name: SHEILA F GRIFFITH
 Signature Title: MGR
 Signature Type Role: LEGAL AUTH REP OWNER
 Filing Status: RENEWAL
 Registration Self-Certification: YES
 Facility Fees Self-Certification: YES
 Fin Assurance Self-Cert: YES
 Tech Standards Self-Cert: YES
 Delivery Certificate Expire: 07/31/2013
 Reporting Method Code:
 Reporting Method Description:
 Tank Corr Protect Compl:
 Piping Corr Protect Compl:
 Comp Release Detect Compl:
 Piping Release Detect Compl:
 Spill Prev & Overfill Compl:

Self-Certification

Self Cert ID: 221674
 Signature Date: 07/01/2013
 Signature Name: SHEILA GRIFFITH
 Signature Title: DIST MGR

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Signature Type Role:		OWNER				
Filing Status:		RENEWAL				
Registration Self-Certification:		YES				
Facility Fees Self-Certification:		YES				
Fin Assurance Self-Cert:		YES				
Tech Standards Self-Cert:		YES				
Delivery Certificate Expire:		07/31/2014				
Reporting Method Code:		P				
Reporting Method Description:		Papers				
Tank Corr Protect Compl:		YES				
Piping Corr Protect Compl:		YES				
Comp Release Detect Compl:		NO				
Piping Release Detect Compl:		YES				
Spill Prev & Overfill Compl:		NO				

Self-Certification

Self Cert ID: 72568
Signature Date: 01/25/2002
Signature Name: SUSAN KINDER
Signature Title: MPS
Signature Type Role: LEGAL AUTH REP OWNER
Filing Status: RENEWAL
Registration Self-Certification: YES
Facility Fees Self-Certification: YES
Fin Assurance Self-Cert: YES
Tech Standards Self-Cert: YES
Delivery Certificate Expire: 02/28/2003
Reporting Method Code:
Reporting Method Description:
Tank Corr Protect Compl:
Piping Corr Protect Compl:
Comp Release Detect Compl:
Piping Release Detect Compl:
Spill Prev & Overfill Compl:

Self-Certification

Self Cert ID: 72567
Signature Date: 01/19/2001
Signature Name: FELIPE VILLARREAL
Signature Title: MPS
Signature Type Role: LEGAL AUTH REP OWNER
Filing Status: INITIAL
Registration Self-Certification: YES
Facility Fees Self-Certification: YES
Fin Assurance Self-Cert: YES
Tech Standards Self-Cert: YES
Delivery Certificate Expire: 02/28/2002
Reporting Method Code:
Reporting Method Description:
Tank Corr Protect Compl:
Piping Corr Protect Compl:
Comp Release Detect Compl:
Piping Release Detect Compl:
Spill Prev & Overfill Compl:

Self-Certification

Self Cert ID: 238844
Signature Date: 07/14/2014
Signature Name: SHEILA GRIFFITH
Signature Title: DM
Signature Type Role: LEGAL AUTH REP OWNER
Filing Status: RENEWAL

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Registration Self-Certification:		YES				
Facility Fees Self-Certification:		YES				
Fin Assurance Self-Cert:		YES				
Tech Standards Self-Cert:		YES				
Delivery Certificate Expire:		07/31/2015				
Reporting Method Code:		P				
Reporting Method Description:		Papers				
Tank Corr Protect Compl:		YES				
Piping Corr Protect Compl:		YES				
Comp Release Detect Compl:		YES				
Piping Release Detect Compl:		YES				
Spill Prev & Overfill Compl:		NO				

Self-Certification

Self Cert ID: 72570
Signature Date: 02/05/2008
Signature Name: SHEILA GRIFFITH
Signature Title: MGR HOU DISTRICT
Signature Type Role: LEGAL AUTH REP OWNER
Filing Status: INITIAL
Registration Self-Certification: YES
Facility Fees Self-Certification: YES
Fin Assurance Self-Cert: YES
Tech Standards Self-Cert: YES
Delivery Certificate Expire: 07/31/2008
Reporting Method Code:
Reporting Method Description:
Tank Corr Protect Compl:
Piping Corr Protect Compl:
Comp Release Detect Compl:
Piping Release Detect Compl:
Spill Prev & Overfill Compl:

Self-Certification

Self Cert ID: 72569
Signature Date: 03/10/2003
Signature Name: LEE TRAWEEK
Signature Title: MPS
Signature Type Role: LEGAL AUTH REP OWNER
Filing Status: RENEWAL
Registration Self-Certification: YES
Facility Fees Self-Certification: YES
Fin Assurance Self-Cert: YES
Tech Standards Self-Cert: YES
Delivery Certificate Expire: 02/28/2004
Reporting Method Code:
Reporting Method Description:
Tank Corr Protect Compl:
Piping Corr Protect Compl:
Comp Release Detect Compl:
Piping Release Detect Compl:
Spill Prev & Overfill Compl:

Self-Certification

Self Cert ID: 255995
Signature Date: 08/03/2015
Signature Name: SHEILA GRIFFITH
Signature Title: DIST MGR
Signature Type Role: LEGAL AUTH REP OWNER
Filing Status: RENEWAL
Registration Self-Certification: YES
Facility Fees Self-Certification: YES

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<i>Fin Assurance Self-Cert:</i>		YES				
<i>Tech Standards Self-Cert:</i>		YES				
<i>Delivery Certificate Expire:</i>		07/31/2016				
<i>Reporting Method Code:</i>		P				
<i>Reporting Method Description:</i>		Papers				
<i>Tank Corr Protect Compl:</i>		YES				
<i>Piping Corr Protect Compl:</i>		YES				
<i>Comp Release Detect Compl:</i>		YES				
<i>Piping Release Detect Compl:</i>		YES				
<i>Spill Prev & Overfill Compl:</i>		NO				

Self-Certification

Self Cert ID: 72572
Signature Date: 09/16/2010
Signature Name: SHEILA F GRIFFITH
Signature Title: MGR HOUSTON TRACON
Signature Type Role: LEGAL AUTH REP OWNER
Filing Status: RENEWAL
Registration Self-Certification: YES
Facility Fees Self-Certification: YES
Fin Assurance Self-Cert: YES
Tech Standards Self-Cert: YES
Delivery Certificate Expire: 07/31/2011
Reporting Method Code:
Reporting Method Description:
Tank Corr Protect Compl:
Piping Corr Protect Compl:
Comp Release Detect Compl:
Piping Release Detect Compl:
Spill Prev & Overfill Compl:

Self-Certification

Self Cert ID: 72571
Signature Date: 02/11/2009
Signature Name: SHEILA F GRIFFITH
Signature Title: MGR HOUSTON DIST
Signature Type Role: LEGAL AUTH REP OWNER
Filing Status: RENEWAL
Registration Self-Certification: YES
Facility Fees Self-Certification: YES
Fin Assurance Self-Cert: YES
Tech Standards Self-Cert: YES
Delivery Certificate Expire: 07/31/2009
Reporting Method Code:
Reporting Method Description:
Tank Corr Protect Compl:
Piping Corr Protect Compl:
Comp Release Detect Compl:
Piping Release Detect Compl:
Spill Prev & Overfill Compl:

<u>5</u>	2 of 4	E	0.17 / 899.00	80.70 / 7	IAH GH127 ALS AIRPORT RUNWAY 27-GHI HOUSTON TX 77032	NOE
----------	--------	---	------------------	--------------	--	-----

Regulatd Entity No: RN102956729
Physical County: HARRIS
Business Type:

Latitude:
Longitude:

Details

Investigation No: 1319029
Customer No: CN600436885

NOE Date: 03/31/2016
Media: WASTE

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Violation Track No:	598017				TCEQ Docket No:	2016-0599-PST-E
Violation Status:	RESOLVED				Docket Effect Dt:	12/06/2016
Violation Category:	A				Rule Citation:	334.50(b)(2)
Customer Name:	FEDERAL AVIATION ADMINISTRATION					
Violation Allegation:	Failure to provide release detection for the suction piping associated with the UST system.					
Violation Resolution:	The Executive Director recognizes that the Respondent conducted the triennial suction piping tightness test for the USTs at the Facilities on 10/21/2016.					
Mailing Address:						
Mailing City:						
Mailing State:						
Mailing Zip Code:	-					
Details						
Investigation No:	1046198				NOE Date:	11/27/2012
Customer No:	CN600436885				Media:	WASTE
Violation Track No:	483351				TCEQ Docket No:	2012-2695-PST-E
Violation Status:	RESOLVED				Docket Effect Dt:	09/19/2014
Violation Category:	A				Rule Citation:	26.3475(c)(1)
Customer Name:	FEDERAL AVIATION ADMINISTRATION					
Violation Allegation:	Failure to monitor the USTs for releases at a frequency of at least once every month (not to exceed 35 days between each monitoring) at all five Facilities.					
Violation Resolution:	The Executive Director recognizes that Respondent began monitoring the USTs at the Facilities for releases as follows:					
	a. Facility 47039 on June 20, 2013;					
	b. Facility 79001 on August 9, 2012;					
	c. Facility 79002 on June 20, 2013;					
	d. Facility 47037 on July 16, 2013; and					
	e. Facility 47038 on August 15, 2012.					
Mailing Address:						
Mailing City:						
Mailing State:						
Mailing Zip Code:	-					
Details						
Investigation No:	1046200				NOE Date:	11/27/2012
Customer No:	CN600436885				Media:	WASTE
Violation Track No:	483385				TCEQ Docket No:	2012-2695-PST-E
Violation Status:	RESOLVED				Docket Effect Dt:	09/19/2014
Violation Category:	A				Rule Citation:	334.50(b)(1)(A)
Customer Name:	FEDERAL AVIATION ADMINISTRATION					
Violation Allegation:	Failure to monitor the USTs for releases at a frequency of at least once every month (not to exceed 35 days between each monitoring) at all five Facilities.					
Violation Resolution:	The Executive Director recognizes that Respondent began monitoring the USTs at the Facilities for releases as follows:					
	a. Facility 47039 on June 20, 2013;					
	b. Facility 79001 on August 9, 2012;					
	c. Facility 79002 on June 20, 2013;					
	d. Facility 47037 on July 16, 2013; and					
	e. Facility 47038 on August 15, 2012.					
Mailing Address:						
Mailing City:						
Mailing State:						
Mailing Zip Code:	-					
Details						
Investigation No:	1319029				NOE Date:	03/31/2016
Customer No:	CN600436885				Media:	WASTE
Violation Track No:	598017				TCEQ Docket No:	2016-0599-PST-E
Violation Status:	RESOLVED				Docket Effect Dt:	12/06/2016
Violation Category:	A				Rule Citation:	26.3475(b)
Customer Name:	FEDERAL AVIATION ADMINISTRATION					
Violation Allegation:	Failure to provide release detection for the suction piping associated with the UST system.					
Violation Resolution:	The Executive Director recognizes that the Respondent conducted the triennial suction piping tightness test for the					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
---------	-------------------	-----------	------------------	----------------	------	----

USTs at the Facilities on 10/21/2016.

Mailing Address:
Mailing City:
Mailing State:
Mailing Zip Code:

-

Details

Investigation No:	1046198	NOE Date:	11/27/2012
Customer No:	CN600436885	Media:	WASTE
Violation Track No:	483351	TCEQ Docket No:	2012-2695-PST-E
Violation Status:	RESOLVED	Docket Effect Dt:	09/19/2014
Violation Category:	A	Rule Citation:	334.50(b)(1)(A)

Customer Name: FEDERAL AVIATION ADMINISTRATION
Violation Allegation: Failure to monitor the USTs for releases at a frequency of at least once every month (not to exceed 35 days between each monitoring) at all five Facilities.
Violation Resolution: The Executive Director recognizes that Respondent began monitoring the USTs at the Facilities for releases as follows:
a. Facility 47039 on June 20, 2013;
b. Facility 79001 on August 9, 2012;
c. Facility 79002 on June 20, 2013;
d. Facility 47037 on July 16, 2013; and
e. Facility 47038 on August 15, 2012.

Mailing Address:
Mailing City:
Mailing State:
Mailing Zip Code:

-

Details

Investigation No:	1046200	NOE Date:	11/27/2012
Customer No:	CN600436885	Media:	WASTE
Violation Track No:	483385	TCEQ Docket No:	2012-2695-PST-E
Violation Status:	RESOLVED	Docket Effect Dt:	09/19/2014
Violation Category:	A	Rule Citation:	26.3475(c)(1)

Customer Name: FEDERAL AVIATION ADMINISTRATION
Violation Allegation: Failure to monitor the USTs for releases at a frequency of at least once every month (not to exceed 35 days between each monitoring) at all five Facilities.
Violation Resolution: The Executive Director recognizes that Respondent began monitoring the USTs at the Facilities for releases as follows:
a. Facility 47039 on June 20, 2013;
b. Facility 79001 on August 9, 2012;
c. Facility 79002 on June 20, 2013;
d. Facility 47037 on July 16, 2013; and
e. Facility 47038 on August 15, 2012.

Mailing Address:
Mailing City:
Mailing State:
Mailing Zip Code:

-

<u>5</u>	3 of 4	E	0.17 / 899.00	80.70 / 7	IAH GH127 ALS AIRPORT RUNWAY 27-GHI TX	ORD
----------	--------	---	---------------	-----------	--	-----

Docket No:	2012-2695-PST-E	TCEQ ID:	
Case No:	45845	Reg Ent No:	RN102956729
Dist Court No:		Program:	
Order Date:	9/19/2014	Type :	ADMINORDER
Status:	EFFECTIVE	Penalty Assessed(\$):	
Status Dt:	9/19/2014	Penalty Deferred(\$):	
Resolution ID:	365606082012352	Payable Amount(\$):	
County:	HARRIS	Sep Offset(\$):	
Original Source:	Administrative Orders Issued		
Respondent Name:			
Reg Ent Name:	IAH GH127 ALS		
Phys Loc Desc:	AIRPORT RUNWAY 27-GHI		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
---------	-------------------	-----------	------------------	----------------	------	----

Note: Docket documents can be downloaded from TCEQ's online search for Commission Issued Orders: <https://www14.tceq.texas.gov/epic/CIO/>

<u>5</u>	4 of 4	E	0.17 / 899.00	80.70 / 7	IAH GH127 ALS AIRPORT RUNWAY 27-GHI TX	ORD
----------	--------	---	---------------	-----------	--	-----

Docket No:	2016-0599-PST-E	TCEQ ID:	
Case No:	52218	Reg Ent No:	RN102956729
Dist Court No:		Program:	
Order Date:	12/6/2016	Type :	ADMINORDER
Status:	EFFECTIVE	Penalty Assessed(\$):	
Status Dt:	12/6/2016	Penalty Deferred(\$):	
Resolution ID:	883424892016113	Payable Amount(\$):	
County:	HARRIS	Sep Offset(\$):	
Original Source:	Administrative Orders Issued		
Respondent Name:			
Reg Ent Name:	IAH GH127 ALS		
Phys Loc Desc:	AIRPORT RUNWAY 27-GHI		
Note:	Docket documents can be downloaded from TCEQ's online search for Commission Issued Orders: https://www14.tceq.texas.gov/epic/CIO/		

<u>6</u>	1 of 2	WNW	0.24 / 1,245.81	86.41 / 12	IAH ATCT 4215 WILL CLAYTON PKWY HOUSTON TX 77032	AST
----------	--------	-----	-----------------	------------	--	-----

PST ID No:	68917	Contact First Name:	
Facility Type:		Contact Middle Nm:	
Fac Begin Date:	08/31/1987	Contact Last Name:	
Facility Status:	ACTIVE	Contact Title:	
Fac Exempt Status:	No	Contact Organization:	IAH ATCT
Records Off Site:	No	Phone No Area Cd:	281
No of Active USTs:	0	Phone No:	2308486
No of Active ASTs:	1	Phone No Ext:	0
UST Fin Assu Req:	No	Facility ID:	104375
Site Addr Delivery:	4215 WILL CLAYTON PKWY	Additional ID:	361502952002138
Site Addr City Nm:	HOUSTON	Mail Addr Delivery:	
Site Addr Zip Ext:	5267	Mail Addr Int Del:	
Site Loc City:		Mail Addr City Nm:	
Site Location Zip:	77032	Mail Addr State Cd:	
TCEQ Region:	12	Mail Addr Zip:	
County:	HARRIS	Mail Addr Zip Ext:	
Received Date:	09/23/1996	Fax No Area Cd:	
Signature Date:	09/19/1996	Fax No:	
Sig First Name:	HENRY L	Fax No Ext:	
Sig Middle Name:		Email Address:	
Sig Last Name:	LEWIS	Addr Deliverable:	
Signature Title:	MANAGER GULF COAST	Latitude(Map):	
Signature Role:		Longitude(Map):	
Sig Company:		Facility Name(Map):	
Enforcement Action:	No	Address(Map):	
Enf Action Date:		City(Map):	
Fac Not Inspect:	No	State(Map):	
Fac Not Insp Rsn:		Zip(Map):	
Fac Not Insp Rsn2:		County(Map):	
Site Location Description:	Petroleum Storage Tank(Raw Data)		
Data Source:	Documents related to facilities in Texas can be searched on TCEQ Records Online Central File Room (CFR): https://records.tceq.texas.gov/cs/idcplg?IdcService=TCEQ_SEARCH		
Note:	Basic information, including RN numbers, for facilities in TX can be searched on the TCEQ Central Registry: https://www15.tceq.texas.gov/crpub/ Information about how to use these resources can be found here: https://www.tceq.texas.gov/assets/public/agency/How-to-Use-Central-File-Room-Online.pdf		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
---------	-------------------	-----------	------------------	----------------	------	----

Tank Information

AST ID:	181408	Matl of Constr Steel:	YES
Tank ID:	1	Matl of Constr Fiber:	NO
Regulatory Status:	FULLY REGULATED	Matl of Constr Alumi:	NO
Status:	IN USE	Matl of Constr Corru:	NO
Status Date:	02/02/1995	Matl of Constr Concr:	NO
Installation Date:	02/02/1995	Cntnment Earth Dike:	NO
Registration Date:	09/23/1996	Cntnment Liner:	YES
Compartment Flag:	NO	Cntnment Concrete:	NO
Capacity (gal):	2000	Cntnment None:	NO
Substance Stored:	DIESEL	Stage I Vapor Recov:	
Substance Stored 2:		Stage 1 Install Date:	
Substance Stored 3:			

Owner

Owner CN:	CN600436885	Mail Addr (Delivery):	PO BOX 610368
Owner First Name:		Mail Addr (Int Deliv):	
Middle Name:		Mai City:	DALLAS
Comp/Own Last Nm:	FEDERAL AVIATION ADMINISTRATION	Mail State:	TX
Owner Eff Begin Date:	02/01/2008	Mail Zip:	75261
Owner Type Code:	FG	Mail Zip Ext:	0368
Owner Type Desc:	Federal Government	Phone Area Code:	972
State Tax ID:		Phone No:	6152347
Contact Role:	OWNCON	Phone Ext:	0
Contact First Name:	STACY	Fax Area Code:	
Contact Middle Name:		Fax No:	
Contact Last Name:	HOWARD	Fax Ext:	
Contact Title:	SECM	Email:	
Contact Orgn Name:	FEDERAL AVIATION ADMINISTRATION		

Operator

Operator CN:	CN600436885	Mail Addr (Delivery):	4005 GREENS RD
Operator First Name:		Mail Addr (Int Deliv):	
Operator Mid Name:		Mail City:	HOUSTON
Comp/Opr Last Name:	FEDERAL AVIATION ADMINISTRATION	Mail State:	TX
Oper Eff Begin Date:	02/01/2008	Mail Zip:	77032
Operator Type Code:	FG	Mail Zip Ext:	2333
Operator Type Desc:	Federal Government	Phone Area Code:	281
Contact Role:	OWNOPRCON	Phone No:	2308475
Contact First Name:	SHEILA	Phone Ext:	0
Contact Middle Name:		Fax Area Code:	
Contact Last Name:	GRIFFITH	Fax No:	
Contact Title:	190 DISTRICT MGR	Fax Ext:	
Contact Orgn Name:	FAA HOUSTON TRACON DISTRICT 190	Email:	

Facility Billing Contacts

AR No:	68227	Mail State:	TX
AR No U=UST fee cd:	A	Mail Zip:	77032
AR No A=AST fee cd:		Mail Zip Ext:	2333
Contact First Name:	SHEILA	Phone Area Code:	
Contact Middle Name:		Phone No:	
Contact Last Name:	GRIFFITH	Phone Ext:	
Contact Title:		Fax Area Code:	
Contact Orgn Name:	FAA HOUSTON TRACON DISTRICT 190	Fax No:	
Mail Addr (Deliv):	4005 GREENS RD	Fax No Ext:	
Mail Addr (Int Deliv):		Email:	
Mail City:	HOUSTON	Contact Addr Deliver:	YES

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
---------	-------------------	-----------	------------------	----------------	------	----

**4215 Will Clayton Parkway
HOUSTON TX 77032**

EPA ID:	TXN000605561	Pgm Sys ID:	TXN000605561
NPL:		Primary Name(MAP):	FEDERAL AVIATION ADMINISTRATION- IAH AIRPORT
Federal Facility:		Loc Address(MAP):	4215 WILL CLAYTON PARKWAY
Non NPL Status:		City Name:	HOUSTON
SuperF Alt Agrmnt:		Postal Code:	77032
Site Name:	FEDERAL AVIATION ADMINISTRATION- IAH AIRPORT	County Name:	HARRIS
Street Address:	4215 Will Clayton Parkway	Latitude83:	29.98141
Street Address 2:		Longitude83:	-95.330514
City:	HOUSTON	PGM SYS ID:	TXN000605561
State:	TX	Name(CalOES):	FEDERAL AVIATION ADMINISTRATION- IAH AIRPORT
Zip:	77032	Loc Addr(CalOES):	4215 WILL CLAYTON PARKWAY
County:	HARRIS	City:	HOUSTON
Latitude:		Postal:	77032
Longitude:		County:	HARRIS
Region:		Latitude83:	29.98141
Cong District:		Longitude83:	-95.330514
FIPS Code:			
Data Source:	EPA Superfund Data and Reports Active Site Inventory (List 8R Active); EPA FRS Interests Map - SEMS; CalOES EPA RCRA TSDf Map - SEMS		

Site Level Information

Site ID:	0605561	Superfund Alt Agmt:	No
NPL:	Not on the NPL	FIPS Code:	48201
Federal Facility:	Yes	Cong District:	
FF Docket:	Yes	Region:	06
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information		

Action Information

Operable Units:	00	Start Actual:	06/06/2017
Action Code:	RX	Finish Actual:	03/30/2020
Action Name:	FF PA	Qual:	N
SEQ:	1	Curr Action Lead:	EPA Perf
Operable Units:	00	Start Actual:	06/06/2017
Action Code:	DS	Finish Actual:	06/06/2017
Action Name:	DISCVRY	Qual:	
SEQ:	1	Curr Action Lead:	EPA Perf In-Hse

REST Information

Registry ID:	110070224736	Pgm Sys Acnrm:	SEMS
Active Status:	NOT ON THE NPL	Accuracy Value:	50
Key Field:	SEMSTXN000605561	HUC8 Code:	12040104
Interest Type:	SUPERFUND (NON-NPL)	HUC 12:	
Fed Agency Name:		Federal Land Ind:	
Fed Facility Code:		Public Ind:	Y
EPA Region Code:	06	Pgm Report:	no data yet
Collect Mth Desc:	ADDRESS MATCHING-HOUSE NUMBER		
Ref Point Desc:	ENTRANCE POINT OF A FACILITY OR STATION		
Fac Url:	https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110070224736		
Program Url:			
Pgm Report Url:	no data yet		
Fips Code:	48201		

CalOES EPA RCRA TSDf - SEMS

Registry ID:	110070224736	HUC 12:	
---------------------	--------------	----------------	--

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Interest Tpe:	SUPERFUND (NON-NPL)				Collect Method:	ADDRESS MATCHING-HOUSE NUMBER
Active Status:	NOT ON THE NPL				Accuracy Value:	50
Pgm Sys Acnm:	SEMS				Ref Point Desc:	ENTRANCE POINT OF A FACILITY OR STATION
Federal Ag:					EPA Region:	06
Federal La:					Key Field:	SEMSTXN000605561
Fed Facility Cd:					Create Dt:	26-Oct-2021
Public Ind:	Y				Update Dt:	24-Nov-2021
FIPS Code:	48201				Last Reported Dt:	
HUC8 Code:	12040104					
Pgm Report:	no data yet					
Program Url:						
Fac Url:	https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110070224736					

7	1 of 4	NW	0.25 / 1,300.93	86.94 / 13	CITY OF HOUSTON AVIATION DEPARTMENT 4500 WILL CLAYTON PKWY HOUSTON TX 77032-5262	RCRA NON GEN
-------------------	--------	----	--------------------	---------------	---	-------------------------

EPA Handler ID: TXR000024521
Gen Status Universe: No Report
Contact Name: JIM PARISE
Contact Address: PO BOX 60106 , , HOUSTON , TX, 77205-0106 , US
Contact Phone No and Ext: 281-233-1756
Contact Email:
Contact Country: US
County Name: HARRIS
EPA Region: 06
Land Type: Private
Receive Date: 20200715
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO VIOLATIONS: All of the compliance records associated with this facility (EPA ID) indicate NO VIOLATIONS; Compliance Monitoring and Enforcement table dated Jun, 2022.

Evaluation Details

Evaluation Start Date: 20031007
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
----------------	--------------------------	------------------	-------------------------	-----------------------	-------------	-----------

Hazardous Waste Handler Details

Sequence No: 3
Receive Date: 20051129
Handler Name: CITY OF HOUSTON
Source Type: Notification
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20020807
Handler Name: CITY OF HOUSTON
Source Type: Notification
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19971027
Handler Name: CITY OF HOUSTON DEPT OF AVIATION
Source Type: Notification
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D007
Waste Code Description: CHROMIUM

Hazardous Waste Code: D015
Waste Code Description: TOXAPHENE (C10 H10 CL8, TECHNICAL CHLORINATED CAMPHENE, 67-69 PERCENT CHLORINE)

Hazardous Waste Code: D006
Waste Code Description: CADMIUM

Hazardous Waste Code: D013
Waste Code Description: LINDANE (1,2,3,4,5,6-HEXA-CHLOROCYCLOHEXANE, GAMMA ISOMER)

Hazardous Waste Code: D003
Waste Code Description: REACTIVE WASTE

Hazardous Waste Code: D018
Waste Code Description: BENZENE

Hazardous Waste Code: D020
Waste Code Description: CHLORDANE

Hazardous Waste Code: D035
Waste Code Description: METHYL ETHYL KETONE

Hazardous Waste Handler Details

Sequence No: 4
Receive Date: 20200715
Handler Name: CITY OF HOUSTON AVIATION DEPARTMENT

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
---------	-------------------	-----------	------------------	----------------	------	----

Source Type: Notification
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Operator	Street No:	
Type:	Municipal	Street 1:	PO BOX 60106
Name:	CITY OF HOUSTON	Street 2:	
Date Became Current:	20051129	City:	HOUSTON
Date Ended Current:		State:	TX
Phone:	281-233-1756	Country:	US
Source Type:	Notification	Zip Code:	77205

Owner/Operator Ind:	Current Owner	Street No:	
Type:	Private	Street 1:	PO BOX 60106
Name:	CITY OF HOUSTON	Street 2:	
Date Became Current:	20020807	City:	HOUSTON
Date Ended Current:		State:	TX
Phone:	281-233-1756	Country:	US
Source Type:	Notification	Zip Code:	77205-0106

Owner/Operator Ind:	Current Operator	Street No:	
Type:	Private	Street 1:	PO BOX 60106
Name:	CITY OF HOUSTON	Street 2:	
Date Became Current:	20020807	City:	HOUSTON
Date Ended Current:		State:	TX
Phone:	281-233-1756	Country:	US
Source Type:	Notification	Zip Code:	77205-0106

Owner/Operator Ind:	Current Owner	Street No:	
Type:	Municipal	Street 1:	PO BOX 60106
Name:	CITY OF HOUSTON	Street 2:	
Date Became Current:	20020807	City:	HOUSTON
Date Ended Current:		State:	TX
Phone:	281-233-1756	Country:	US
Source Type:	Notification	Zip Code:	77205

Owner/Operator Ind:	Current Owner	Street No:	
Type:	Municipal	Street 1:	PO BOX 60106
Name:	CITY OF HOUSTON	Street 2:	
Date Became Current:	20051129	City:	HOUSTON
Date Ended Current:		State:	TX
Phone:	281-233-1756	Country:	US
Source Type:	Notification	Zip Code:	77205

Owner/Operator Ind:	Current Owner	Street No:	
Type:	Municipal	Street 1:	PO BOX 60106
Name:	CITY OF HOUSTON DEPT OF AVIATION	Street 2:	
Date Became Current:		City:	HOUSTON
Date Ended Current:		State:	TX
Phone:	281-233-7166	Country:	
Source Type:	Notification	Zip Code:	77205-0106

Owner/Operator Ind:	Current Operator	Street No:	
Type:	Municipal	Street 1:	PO BOX 60106
Name:	CITY OF HOUSTON	Street 2:	
Date Became Current:	20020807	City:	HOUSTON
Date Ended Current:		State:	TX
Phone:	281-233-1756	Country:	US
Source Type:	Notification	Zip Code:	77205

Historical Handler Details

Receive Dt: 19971027
Generator Code Description: Not a Generator, Verified
Handler Name: CITY OF HOUSTON DEPT OF AVIATION

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
---------	-------------------	-----------	------------------	----------------	------	----

Receive Dt: 20020807
 Generator Code Description: Not a Generator, Verified
 Handler Name: CITY OF HOUSTON

Receive Dt: 20051129
 Generator Code Description: Not a Generator, Verified
 Handler Name: CITY OF HOUSTON

<u>7</u>	2 of 4	NW	0.25 / 1,300.93	86.94 / 13	GEORGE BUSH INTERCONTINENTAL AIRPORT 4500 WILL CLAYTON PKWY HOUSTON TX 77032	AST
----------	--------	----	--------------------	---------------	---	-----

PST ID No: 12461
 Facility Type: AIRCRAFT REFUELING
 Fac Begin Date: 08/01/1986
 Facility Status: ACTIVE
 Fac Exempt Status: No
 Records Off Site: Yes
 No of Active USTs: 7
 No of Active ASTs: 1
 UST Fin Assu Req: Yes
 Site Addr Delivery: 4500 WILL CLAYTON PKWY
 Site Addr City Nm: HOUSTON
 Site Addr Zip Ext: 5262
 Site Loc City:
 Site Location Zip: 77032
 TCEQ Region: 12
 County: HARRIS
 Received Date: 09/03/2020
 Signature Date: 09/01/2020
 Sig First Name: GABRIEL
 Sig Middle Name:
 Sig Last Name: MUSSIO
 Signature Title: DIV MGR
 Signature Role: LEGAL AUTH REP OWNER
 Sig Company:

Contact First Name:
 Contact Middle Nm:
 Contact Last Name:
 Contact Title:
 Contact Organization:
 Phone No Area Cd:
 Phone No:
 Phone No Ext:
 Facility ID: 51528
 Additional ID: 363654902002150
 Mail Addr Delivery:
 Mail Addr Int Del:
 Mail Addr City Nm:
 Mail Addr State Cd:
 Mail Addr Zip:
 Mail Addr Zip Ext:
 Fax No Area Cd:
 Fax No:
 Fax No Ext:
 Email Address:
 Addr Deliverable:
 Latitude(Map): 29.98171
 Longitude(Map): -95.32342
 Facility Name(Map): GEORGE BUSH INTERCONTINENTAL AIRPORT
 Address(Map): 4500 WILL CLAYTON PKWY
 City(Map): HOUSTON
 State(Map): TX
 Zip(Map): 77032
 County(Map): HARRIS

Enforcement Action: No
 Enf Action Date:
 Fac Not Inspect: No
 Fac Not Insp Rsn:
 Fac Not Insp Rsn2:
 Site Location Description:

Data Source: Petroleum Storage Tank(Raw Data); Petroleum Storage Tank (as of 18 March, 2021) (Map); Inactive ASTs
 Note: Documents related to facilities in Texas can be searched on TCEQ Records Online Central File Room (CFR):
https://records.tceq.texas.gov/cs/idcplg?IdcService=TCEQ_SEARCH
 Basic information, including RN numbers, for facilities in TX can be searched on the TCEQ Central Registry: <https://www15.tceq.texas.gov/crpub/>
 Information about how to use these resources can be found here: <https://www.tceq.texas.gov/assets/public/agency/How-to-Use-Central-File-Room-Online.pdf>

Tank Information

AST ID: 196060
 Tank ID: 3HCFCD
 Regulatory Status: FULLY REGULATED
 Status: OUT OF USE
 Status Date: 03/01/2001
 Installation Date: 10/26/2000
 Registration Date: 02/09/2001
 Compartment Flag: NO
 Capacity (gal): 4000
 Substance Stored: DIESEL
 Substance Stored 2:
 Substance Stored 3:

Matl of Constr Steel: YES
 Matl of Constr Fiber: NO
 Matl of Constr Alumi: NO
 Matl of Constr Corru: NO
 Matl of Constr Concr: NO
 Cntnment Earth Dike: NO
 Cntnment Liner: YES
 Cntnment Concrete: NO
 Cntnment None: NO
 Stage I Vapor Recov:
 Stage 1 Install Date:

Tank Information

AST ID:	180367	Matl of Constr Steel:	NO
Tank ID:	1	Matl of Constr Fiber:	NO
Regulatory Status:	FULLY REGULATED	Matl of Constr Alumi:	NO
Status:	IN USE	Matl of Constr Corru:	NO
Status Date:	01/01/1994	Matl of Constr Concr:	NO
Installation Date:	01/01/1994	Cntnment Earth Dike:	NO
Registration Date:	05/30/1996	Cntnment Liner:	NO
Compartment Flag:	YES	Cntnment Concrete:	NO
Capacity (gal):	20000	Cntnment None:	NO
Substance Stored:	GASOLINE	Stage I Vapor Recov:	
Substance Stored 2:	DIESEL	Stage 1 Install Date:	
Substance Stored 3:			

Tank Information

AST ID:	180559	Matl of Constr Steel:	NO
Tank ID:	22	Matl of Constr Fiber:	YES
Regulatory Status:	FULLY REGULATED	Matl of Constr Alumi:	NO
Status:	OUT OF USE	Matl of Constr Corru:	NO
Status Date:	01/29/1997	Matl of Constr Concr:	NO
Installation Date:	01/01/1985	Cntnment Earth Dike:	NO
Registration Date:	06/24/1996	Cntnment Liner:	NO
Compartment Flag:	NO	Cntnment Concrete:	NO
Capacity (gal):	4300	Cntnment None:	NO
Substance Stored:	DISTILLATE FUEL OIL	Stage I Vapor Recov:	
Substance Stored 2:		Stage 1 Install Date:	
Substance Stored 3:			

Inactive AST Information

Fac ID:	12461	Substance Stored:	DISTILLATE FUEL OIL
Tk ID:	22	Tk Capacity (Gal):	4300
Tk Status:	OUT OF USE	Fac Name:	GEORGE BUSH INTERCONTINENTAL AIRPORT
Own Cont F Name:	GABRIEL	Fac Address:	4500 WILL CLAYTON PKWY
Own Cont L Name:	MUSSIO	Fac City:	HOUSTON
Own Cont Mailing:	PO BOX 61189	Fac Zip:	77032
Own Cont City:	HOUSTON	Fac Local Descript:	
Own Cont State:	TX	Fac Nearest City:	
Own Cont Zip:		Fac County:	HARRIS
Own Cont Area Code:		Fac Local Zip:	77032
Own Cont Phone:			
Own Org Name:	CITY OF HOUSTON		

Inactive AST Information

Fac ID:	12461	Substance Stored:	DIESEL
Tk ID:	3HCFCD	Tk Capacity (Gal):	4000
Tk Status:	OUT OF USE	Fac Name:	GEORGE BUSH INTERCONTINENTAL AIRPORT
Own Cont F Name:	GABRIEL	Fac Address:	4500 WILL CLAYTON PKWY
Own Cont L Name:	MUSSIO	Fac City:	HOUSTON
Own Cont Mailing:	PO BOX 61189	Fac Zip:	77032
Own Cont City:	HOUSTON	Fac Local Descript:	
Own Cont State:	TX	Fac Nearest City:	
Own Cont Zip:		Fac County:	HARRIS
Own Cont Area Code:		Fac Local Zip:	77032
Own Cont Phone:			
Own Org Name:	CITY OF HOUSTON		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
---------	-------------------	-----------	------------------	----------------	------	----

Owner

Owner CN:	CN600128995	Mail Addr (Delivery):	PO BOX 61189
Owner First Name:		Mail Addr (Int Deliv):	
Middle Name:		Mai City:	HOUSTON
Comp/Own Last Nm:	CITY OF HOUSTON	Mail State:	TX
Owner Eff Begin Date:	08/01/1986	Mail Zip:	77208
Owner Type Code:	CI	Mail Zip Ext:	1189
Owner Type Desc:	City Government	Phone Area Code:	832
State Tax ID:		Phone No:	3938079
Contact Role:	OWNOPRCN	Phone Ext:	0
Contact First Name:	GABRIEL	Fax Area Code:	
Contact Middle Name:		Fax No:	
Contact Last Name:	MUSSIO	Fax Ext:	
Contact Title:	DIVISION MANAGER	Email:	
Contact Orgn Name:	CITY OF HOUSTON		

Operator

Operator CN:	CN600128995	Mail Addr (Delivery):	901 BAGBY ST
Operator First Name:		Mail Addr (Int Deliv):	
Operator Mid Name:		Mail City:	HOUSTON
Comp/Opr Last Name:	CITY OF HOUSTON	Mail State:	TX
Oper Eff Begin Date:	08/01/1986	Mail Zip:	77002
Operator Type Code:	CI	Mail Zip Ext:	2526
Operator Type Desc:	City Government	Phone Area Code:	832
Contact Role:	OPRCN	Phone No:	3954722
Contact First Name:	BRAXTON	Phone Ext:	0
Contact Middle Name:		Fax Area Code:	
Contact Last Name:	COLES	Fax No:	
Contact Title:		Fax Ext:	
Contact Orgn Name:	CITY OF HOUSTON	Email:	TAS@HOUSTONTX.GOV

Facility Billing Contacts

AR No:	6049	Mail State:	TX
AR No U=UST fee cd:	A	Mail Zip:	77208
AR No A=AST fee cd:	U	Mail Zip Ext:	1189
Contact First Name:	GABRIEL	Phone Area Code:	
Contact Middle Name:		Phone No:	
Contact Last Name:	MUSSIO	Phone Ext:	
Contact Title:		Fax Area Code:	
Contact Orgn Name:	CITY OF HOUSTON	Fax No:	
Mail Addr (Deliv):	PO BOX 61189	Fax No Ext:	
Mail Addr (Int Deliv):		Email:	
Mail City:	HOUSTON	Contact Addr Deliver:	YES

TCEQ Map Data Details

Fac ID:	12461	TCEQ Region:	REGION 12 - HOUSTON
PST ID:	0012461	Horz Meth:	GPS_DIFF
LPST ID:		Horz Acc:	5
TDA PST ID:		Horz Ref:	
UST Type:	FULLY REGULATED	Horz Date:	2012/08/09 00:00:00+00
Approved Date:	2021/08/30 00:00:00+00	Horz Org:	UTA
Energy Act:	Yes	Horz Datum:	NAD83
No. of Active UST:	7	X:	-95.323412999
RN:	RN102387511	Y:	29.981704756
Phys Loc Desc:			

TCEQ Map Data Details

Fac ID:	12461	TCEQ Region:	REGION 12 - HOUSTON
PST ID:	0012461	Horz Meth:	GPS_DIFF

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
LPST ID:					Horz Acc:	5
TDA PST ID:					Horz Ref:	
UST Type:	EMERG POWER GENERATOR				Horz Date:	2012/08/09 00:00:00+00
Approved Date:	2021/08/30 00:00:00+00				Horz Org:	UTA
Energy Act:	Yes				Horz Datum:	NAD83
No. of Active UST:	7				X:	-95.323412999
RN:	RN102387511				Y:	29.981704756
Phys Loc Desc:						

Self-Certification

Self Cert ID: 226316
Signature Date: 09/16/2013
Signature Name: GABRIEL MUSSIO
Signature Title: DIVISION MANAGER
Signature Type Role: LEGAL AUTH REP OWNER
Filing Status: RENEWAL
Registration Self-Certification: YES
Facility Fees Self-Certification: YES
Fin Assurance Self-Cert: YES
Tech Standards Self-Cert: YES
Delivery Certificate Expire: 09/30/2014
Reporting Method Code: P
Reporting Method Description: Paper
Tank Corr Protect Compl: YES
Piping Corr Protect Compl: YES
Comp Release Detect Compl: YES
Piping Release Detect Compl: YES
Spill Prev & Overfill Compl: YES

Self-Certification

Self Cert ID: 308637
Signature Date: 08/14/2018
Signature Name: GABRIEL MUSSIO
Signature Title: DIV MGR
Signature Type Role: LEGAL AUTH REP OWNER
Filing Status: RENEWAL
Registration Self-Certification: YES
Facility Fees Self-Certification: YES
Fin Assurance Self-Cert: YES
Tech Standards Self-Cert: YES
Delivery Certificate Expire: 09/30/2019
Reporting Method Code: P
Reporting Method Description: Paper
Tank Corr Protect Compl: YES
Piping Corr Protect Compl: YES
Comp Release Detect Compl: YES
Piping Release Detect Compl: YES
Spill Prev & Overfill Compl: YES

Self-Certification

Self Cert ID: 42286
Signature Date: 08/17/2012
Signature Name: GABRIEL MUSSIO
Signature Title: DIVISION MANAGER
Signature Type Role: LEGAL AUTH REP OWNER
Filing Status: RENEWAL
Registration Self-Certification: YES
Facility Fees Self-Certification: YES
Fin Assurance Self-Cert: YES
Tech Standards Self-Cert: YES
Delivery Certificate Expire: 09/30/2013
Reporting Method Code:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
---------	-------------------	-----------	------------------	----------------	------	----

Reporting Method Description:
Tank Corr Protect Compl:
Piping Corr Protect Compl:
Comp Release Detect Compl:
Piping Release Detect Compl:
Spill Prev & Overfill Compl:

Self-Certification

Self Cert ID: 42275
Signature Date: 12/08/2000
Signature Name: TANWIR BADAR
Signature Title: DP ASST DIR BLDG SVC
Signature Type Role: LEGAL AUTH REP OWNER
Filing Status: INITIAL
Registration Self-Certification: YES
Facility Fees Self-Certification: YES
Fin Assurance Self-Cert: YES
Tech Standards Self-Cert: YES
Delivery Certificate Expire: 09/30/2002
Reporting Method Code:
Reporting Method Description:
Tank Corr Protect Compl:
Piping Corr Protect Compl:
Comp Release Detect Compl:
Piping Release Detect Compl:
Spill Prev & Overfill Compl:

Self-Certification

Self Cert ID: 293428
Signature Date: 08/08/2017
Signature Name: GABRIEL MUSSIO
Signature Title: DIVISION MANAGER
Signature Type Role: LEGAL AUTH REP OWNER
Filing Status: RENEWAL
Registration Self-Certification: YES
Facility Fees Self-Certification: YES
Fin Assurance Self-Cert: YES
Tech Standards Self-Cert: YES
Delivery Certificate Expire: 09/30/2018
Reporting Method Code: P
Reporting Method Description: Paper
Tank Corr Protect Compl: YES
Piping Corr Protect Compl: YES
Comp Release Detect Compl: YES
Piping Release Detect Compl: YES
Spill Prev & Overfill Compl: YES

Self-Certification

Self Cert ID: 274984
Signature Date: 08/24/2016
Signature Name: GABRIEL MUSSIO
Signature Title: DIV MGR
Signature Type Role: LEGAL AUTH REP OWNER
Filing Status: RENEWAL
Registration Self-Certification: YES
Facility Fees Self-Certification: YES
Fin Assurance Self-Cert: YES
Tech Standards Self-Cert: YES
Delivery Certificate Expire: 09/30/2017
Reporting Method Code: P
Reporting Method Description: Paper
Tank Corr Protect Compl: YES

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Piping Corr Protect Compl:		YES				
Comp Release Detect Compl:		YES				
Piping Release Detect Compl:		YES				
Spill Prev & Overfill Compl:		YES				

Self-Certification

Self Cert ID: 358788
Signature Date: 08/17/2021
Signature Name: GABRIEL MUSSIO
Signature Title: DIV MANAGER
Signature Type Role: LEGAL AUTH REP OWNER
Filing Status: RENEWAL
Registration Self-Certification: YES
Facility Fees Self-Certification: YES
Fin Assurance Self-Cert: YES
Tech Standards Self-Cert: YES
Delivery Certificate Expire: 09/30/2022
Reporting Method Code: P
Reporting Method Description: Paper
Tank Corr Protect Compl: YES
Piping Corr Protect Compl: YES
Comp Release Detect Compl: YES
Piping Release Detect Compl: YES
Spill Prev & Overfill Compl: YES

Self-Certification

Self Cert ID: 42285
Signature Date: 08/24/2011
Signature Name: GABRIEL MUSSIO
Signature Title: DIVISION MANAGER
Signature Type Role: LEGAL AUTH REP OWNER
Filing Status: RENEWAL
Registration Self-Certification: YES
Facility Fees Self-Certification: YES
Fin Assurance Self-Cert: YES
Tech Standards Self-Cert: YES
Delivery Certificate Expire: 09/30/2012
Reporting Method Code:
Reporting Method Description:
Tank Corr Protect Compl:
Piping Corr Protect Compl:
Comp Release Detect Compl:
Piping Release Detect Compl:
Spill Prev & Overfill Compl:

Self-Certification

Self Cert ID: 325561
Signature Date: 08/27/2019
Signature Name: GABRIEL MUSSIO
Signature Title: DIV MGR
Signature Type Role: LEGAL AUTH REP OWNER
Filing Status: RENEWAL
Registration Self-Certification: YES
Facility Fees Self-Certification: YES
Fin Assurance Self-Cert: YES
Tech Standards Self-Cert: YES
Delivery Certificate Expire: 09/30/2020
Reporting Method Code: P
Reporting Method Description: Paper
Tank Corr Protect Compl: YES
Piping Corr Protect Compl: YES
Comp Release Detect Compl: YES

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Piping Release Detect Compl:		YES				
Spill Prev & Overfill Compl:		YES				
<u>Self-Certification</u>						
Self Cert ID:		42281				
Signature Date:		08/16/2007				
Signature Name:		MICHAEL C JOZWIAK				
Signature Title:		PROJECT MANAGER				
Signature Type Role:		LEGAL AUTH REP OWNER				
Filing Status:		RENEWAL				
Registration Self-Certification:		YES				
Facility Fees Self-Certification:		YES				
Fin Assurance Self-Cert:		YES				
Tech Standards Self-Cert:		YES				
Delivery Certificate Expire:		09/30/2008				
Reporting Method Code:						
Reporting Method Description:						
Tank Corr Protect Compl:						
Piping Corr Protect Compl:						
Comp Release Detect Compl:						
Piping Release Detect Compl:						
Spill Prev & Overfill Compl:						
<u>Self-Certification</u>						
Self Cert ID:		42280				
Signature Date:		08/24/2006				
Signature Name:		MICHAEL C JOZWIAK				
Signature Title:		PROJECT MANAGER				
Signature Type Role:		LEGAL AUTH REP OWNER				
Filing Status:		RENEWAL				
Registration Self-Certification:		YES				
Facility Fees Self-Certification:		YES				
Fin Assurance Self-Cert:		YES				
Tech Standards Self-Cert:		YES				
Delivery Certificate Expire:		09/30/2007				
Reporting Method Code:						
Reporting Method Description:						
Tank Corr Protect Compl:						
Piping Corr Protect Compl:						
Comp Release Detect Compl:						
Piping Release Detect Compl:						
Spill Prev & Overfill Compl:						
<u>Self-Certification</u>						
Self Cert ID:		42277				
Signature Date:		09/26/2003				
Signature Name:		TANWIR BADAR				
Signature Title:		DEP ASST DIR				
Signature Type Role:		LEGAL AUTH REP OWNER				
Filing Status:		RENEWAL				
Registration Self-Certification:		YES				
Facility Fees Self-Certification:		YES				
Fin Assurance Self-Cert:		YES				
Tech Standards Self-Cert:		YES				
Delivery Certificate Expire:		09/30/2004				
Reporting Method Code:						
Reporting Method Description:						
Tank Corr Protect Compl:						
Piping Corr Protect Compl:						
Comp Release Detect Compl:						
Piping Release Detect Compl:						
Spill Prev & Overfill Compl:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
----------------	--------------------------	------------------	-------------------------	-----------------------	-------------	-----------

Self-Certification

Self Cert ID: 42279
Signature Date: 08/31/2005
Signature Name: MICHAEL C JOZWIAK
Signature Title: PROJECT MANAGER
Signature Type Role: LEGAL AUTH REP OWNER
Filing Status: RENEWAL
Registration Self-Certification: YES
Facility Fees Self-Certification: YES
Fin Assurance Self-Cert: YES
Tech Standards Self-Cert: YES
Delivery Certificate Expire: 09/30/2006
Reporting Method Code:
Reporting Method Description:
Tank Corr Protect Compl:
Piping Corr Protect Compl:
Comp Release Detect Compl:
Piping Release Detect Compl:
Spill Prev & Overfill Compl:

Self-Certification

Self Cert ID: 42284
Signature Date: 08/31/2010
Signature Name: MICHAEL C JOZWIAK
Signature Title: PROJECT MANAGER
Signature Type Role: LEGAL AUTH REP OWNER
Filing Status: RENEWAL
Registration Self-Certification: YES
Facility Fees Self-Certification: YES
Fin Assurance Self-Cert: YES
Tech Standards Self-Cert: YES
Delivery Certificate Expire: 09/30/2011
Reporting Method Code:
Reporting Method Description:
Tank Corr Protect Compl:
Piping Corr Protect Compl:
Comp Release Detect Compl:
Piping Release Detect Compl:
Spill Prev & Overfill Compl:

Self-Certification

Self Cert ID: 42278
Signature Date: 09/08/2004
Signature Name: MICHAEL C JOZWIAK
Signature Title: ASST. PROJECT MGR.
Signature Type Role: LEGAL AUTH REP OWNER
Filing Status: RENEWAL
Registration Self-Certification: YES
Facility Fees Self-Certification: YES
Fin Assurance Self-Cert: YES
Tech Standards Self-Cert: YES
Delivery Certificate Expire: 09/30/2005
Reporting Method Code:
Reporting Method Description:
Tank Corr Protect Compl:
Piping Corr Protect Compl:
Comp Release Detect Compl:
Piping Release Detect Compl:
Spill Prev & Overfill Compl:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
---------	-------------------	-----------	------------------	----------------	------	----

Self-Certification

Self Cert ID: 42282
Signature Date: 08/21/2008
Signature Name: MICHAEL C JOZWIAK
Signature Title: PROJECT MANAGER
Signature Type Role: LEGAL AUTH REP OWNER
Filing Status: RENEWAL
Registration Self-Certification: YES
Facility Fees Self-Certification: YES
Fin Assurance Self-Cert: YES
Tech Standards Self-Cert: YES
Delivery Certificate Expire: 09/30/2009
Reporting Method Code:
Reporting Method Description:
Tank Corr Protect Compl:
Piping Corr Protect Compl:
Comp Release Detect Compl:
Piping Release Detect Compl:
Spill Prev & Overfill Compl:

Self-Certification

Self Cert ID: 42276
Signature Date: 10/18/2002
Signature Name: TANWIR BADAR
Signature Title: DEPUTY ASST DIR
Signature Type Role: LEGAL AUTH REP OWNER
Filing Status: RENEWAL
Registration Self-Certification: YES
Facility Fees Self-Certification: YES
Fin Assurance Self-Cert: YES
Tech Standards Self-Cert: YES
Delivery Certificate Expire: 09/30/2003
Reporting Method Code:
Reporting Method Description:
Tank Corr Protect Compl:
Piping Corr Protect Compl:
Comp Release Detect Compl:
Piping Release Detect Compl:
Spill Prev & Overfill Compl:

Self-Certification

Self Cert ID: 259453
Signature Date: 08/27/2015
Signature Name: GABRIEL MUSSIO
Signature Title: DIV MGR
Signature Type Role: LEGAL AUTH REP OWNER
Filing Status: RENEWAL
Registration Self-Certification: YES
Facility Fees Self-Certification: YES
Fin Assurance Self-Cert: YES
Tech Standards Self-Cert: YES
Delivery Certificate Expire: 09/30/2016
Reporting Method Code: P
Reporting Method Description: Paper
Tank Corr Protect Compl: YES
Piping Corr Protect Compl: YES
Comp Release Detect Compl: YES
Piping Release Detect Compl: YES
Spill Prev & Overfill Compl: YES

Self-Certification

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Self Cert ID: 343308						
Signature Date: 09/01/2020						
Signature Name: GABRIEL MUSSIO						
Signature Title: DIV MGR						
Signature Type Role: LEGAL AUTH REP OWNER						
Filing Status: RENEWAL						
Registration Self-Certification: YES						
Facility Fees Self-Certification: YES						
Fin Assurance Self-Cert: YES						
Tech Standards Self-Cert: YES						
Delivery Certificate Expire: 09/30/2021						
Reporting Method Code: P						
Reporting Method Description: Paper						
Tank Corr Protect Compl: YES						
Piping Corr Protect Compl: YES						
Comp Release Detect Compl: YES						
Piping Release Detect Compl: YES						
Spill Prev & Overfill Compl: YES						
<u>Self-Certification</u>						
Self Cert ID: 42283						
Signature Date: 08/06/2009						
Signature Name: MICHAEL C JOZWIAK						
Signature Title: PROJECT MANAGER						
Signature Type Role: LEGAL AUTH REP OWNER						
Filing Status: RENEWAL						
Registration Self-Certification: YES						
Facility Fees Self-Certification: YES						
Fin Assurance Self-Cert: YES						
Tech Standards Self-Cert: YES						
Delivery Certificate Expire: 09/30/2010						
Reporting Method Code:						
Reporting Method Description:						
Tank Corr Protect Compl:						
Piping Corr Protect Compl:						
Comp Release Detect Compl:						
Piping Release Detect Compl:						
Spill Prev & Overfill Compl:						
<u>Self-Certification</u>						
Self Cert ID: 241966						
Signature Date: 08/13/2014						
Signature Name: GABRIEL MUSSIO						
Signature Title: DIV MGR						
Signature Type Role: LEGAL AUTH REP OWNER						
Filing Status: RENEWAL						
Registration Self-Certification: YES						
Facility Fees Self-Certification: YES						
Fin Assurance Self-Cert: YES						
Tech Standards Self-Cert: YES						
Delivery Certificate Expire: 09/30/2015						
Reporting Method Code: P						
Reporting Method Description: Paper						
Tank Corr Protect Compl: YES						
Piping Corr Protect Compl: YES						
Comp Release Detect Compl: YES						
Piping Release Detect Compl: YES						
Spill Prev & Overfill Compl: YES						
7	3 of 4	NW	0.25 / 1,300.93	86.94 / 13	GEORGE BUSH INTERCONTINENTAL AIRPORT 4500 WILL CLAYTON PKWY HOUSTON TX 77032	UST

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
PST ID No:	12461				Contact First Name:	
Facility Type:	AIRCRAFT REFUELING				Contact Middle Nm:	
Fac Begin Date:	08/01/1986				Contact Last Name:	
Facility Status:	ACTIVE				Contact Title:	
Fac Exempt Status:	No				Contact Organization:	
Records Off Site:	Yes				Phone No Area Cd:	
No of Active USTs:	7				Phone No:	
No of Active ASTs:	1				Phone No Ext:	
UST Fin Assu Req:	Yes				Facility ID:	51528
Site Addr Delivery:	4500 WILL CLAYTON PKWY				Additional ID:	363654902002150
Site Addr City Nm:	HOUSTON				Mail Addr Delivery:	
Site Addr Zip Ext:	5262				Mail Addr Int Del:	
Site Loc City:					Mail Addr City Nm:	
Site Location Zip:	77032				Mail Addr State Cd:	
TCEQ Region:	12				Mail Addr Zip:	
County:	HARRIS				Mail Addr Zip Ext:	
Received Date:	09/03/2020				Fax No Area Cd:	
Signature Date:	09/01/2020				Fax No:	
Sig First Name:	GABRIEL				Fax No Ext:	
Sig Middle Name:					Email Address:	
Sig Last Name:	MUSSIO				Addr Deliverable:	
Signature Title:	DIV MGR				Latitude(Map):	29.98171
Signature Role:	LEGAL AUTH REP OWNER				Longitude(Map):	-95.32342
Sig Company:					Facility Name(Map):	GEORGE BUSH INTERCONTINENTAL AIRPORT
Enforcement Action:	No				Address(Map):	4500 WILL CLAYTON PKWY
Enf Action Date:					City(Map):	HOUSTON
Fac Not Inspect:	No				State(Map):	TX
Fac Not Insp Rsn:					Zip(Map):	77032
Fac Not Insp Rsn2:					County(Map):	HARRIS
Site Location Description:						
Data Source:						
Note:	Petroleum Storage Tank(Raw Data); Petroleum Storage Tank (as of 18 March, 2021) (Map); Inactive USTs Documents related to facilities in Texas can be searched on TCEQ Records Online Central File Room (CFR): https://records.tceq.texas.gov/cs/idcplg?IdcService=TCEQ_SEARCH Basic information, including RN numbers, for facilities in TX can be searched on the TCEQ Central Registry: https://www15.tceq.texas.gov/crpub/ Information about how to use these resources can be found here: https://www.tceq.texas.gov/assets/public/agency/How-to-Use-Central-File-Room-Online.pdf					

Tank Information

UST ID:	32489	Capacity (gal):	3000
Tank ID:	1A	Empty:	NO
Regulatory Status:	FULLY REGULATED	Internal Protection:	
Status:	REMOVED FROM GROUND	Design Single Wall:	NO
Status Begin Date:	10/27/1993	Design Double Wall:	NO
Installation Date:	01/01/1968	Piping Dsgn Sngl WII:	NO
Registration Date:	05/21/1986	Piping Dsgn Dble WII:	NO
No of Compartments:	1		

Tank Material

Steel:	YES
FRP (Fibergla Reinfor Plastic):	NO
Composite (Steel w/Ext FRP):	NO
Concrete:	NO
Steel w/External Jacket:	NO
Steel w/External Polyurethane:	NO

Tank External Containment

Factory-Built Nonmetal Jacket:	NO
Synth Tnk Pit/Pipe-Trench Lnr:	NO
Tank Vault/Rigid Trench Liner:	NO

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
---------	-------------------	-----------	------------------	----------------	------	----

Tank Corrosion Protection Method

External Dielectric: NO
 Cathodic Protection-Fact Inst: NO
 Cathodic Protection-Field Inst: NO
 Composite Tank: NO
 Coated Tank: NO
 FRP Tank or Piping: NO
 External Nonmetallic Jacket: NO
 Unnecessary per Corr Protect Specialist: NO

UST Tank Compartment

UST Comprt ID:	51578	Substance Stored 1:	GASOLINE
Compartment ID:	A	Substance Stored 2:	
Capacity (gallons):	3000	Substance Stored 3:	

Compartment Release Detection

Vapor Monitoring: NO
 Groundwater Monitoring: NO
 Monitoring of Barrier: NO
 Auto Tnk Gauge Test & Inv Ctrl: NO
 Interstitial Monitor w/ Sec: NO
 Weekly Manual Gauging: NO
 Monthly Tank Gauging: NO
 SIR & Inventory Control: NO

Spill and Overfill Prevention

Tight Fill Fit Container/Bucket: NO
 Factory Spill Container/Bucket: NO
 Delivery Shut-Off Valve: NO
 Flow Restrictor Valve: NO
 Alarm(set@<=90%) w/3a or 3b): NO
 N/A-All Deliver to Tank<=25 gal: NO
 Comp Release Detect Compli: NO
 Piping Release Detect Compli: NO
 Spill/Overfill Prevent Compli: NO
 Comp Release Detect. Vary: NO
 Piping Release Detect Vary: NO
 Spill/Overfill Prevent. Variance: NO
 Stage 1 Vapor Recovery:
 Stage 1 Installation Date:

Piping Release Detection

Vapor Monitoring: NO
 Groundwater Monitoring: NO
 Secondary Barrier Monitoring: NO
 Interstitial Monitoring: NO
 Monthly Piping Tightness Test: NO
 Annual Test/Electro Monitor: NO
 Triennial Tightness Test: NO
 Auto Line Leak Detector: NO
 SIR & Inventory Control: NO
 Exempt System Suction: NO

Piping External Containment

Factory Nonmetal Jacket: NO
 Synth Tnk Pit/Pipe-Tren Lnr: NO

Tank Vault/Rigid Trench Liner: NO
Piping Type Code:
Piping Type Description:

Piping Material

Steel: YES
FRP (Fibergla Reinfor Plastic): NO
Concrete: NO
Steel w/External Jacket: NO
Nonmetallic Flexible Piping: NO

Piping Connectors & Valves

Shear/Impact Valves: NO
Steel Swing-joints: NO
Flexible Connectors: NO

Piping Corrosion Protection Method

External Dielectric: NO
Cathodic Protection-Fact Inst: NO
Cathodic Protection-Field Inst: NO
Frp Tank or Piping: NO
Nonmetallic Flexible Piping: NO
Open Area/2nd Containment: NO
Dual Protected: NO
Unec per Corr Protect Spc: NO
Tank Corr Protect Compliance: NO
Piping Corr Protect Compli: NO
Tank Corr Protect Variance: NO
Piping Corr Protect Variance: NO
Temp Out of Service Comp: NO
Technical Compliance: NO
Tank Tested: YES
Installation Signature Date: 09/08/1993

Tank Information

UST ID:	174250	Capacity (gal):	10000
Tank ID:	2	Empty:	NO
Regulatory Status:	FULLY REGULATED	Internal Protection:	
Status:	IN USE	Design Single Wall:	NO
Status Begin Date:	12/19/1991	Design Double Wall:	YES
Installation Date:	12/19/1991	Piping Dsgn Sngl WII:	NO
Registration Date:	05/21/1986	Piping Dsgn Dble WII:	YES
No of Compartments:	1		

Tank Material

Steel: NO
FRP (Fibergla Reinfor Plastic): YES
Composite (Steel w/Ext FRP): NO
Concrete: NO
Steel w/External Jacket: NO
Steel w/External Polyurethane: NO

Tank External Containment

Factory-Built Nonmetal Jacket: NO
Synth Tnk Pit/Pipe-Trench Lnr: NO
Tank Vault/Rigid Trench Liner: NO

Tank Corrosion Protection Method

External Dielectric: NO
 Cathodic Protection-Fact Inst: NO
 Cathodic Protection-Field Inst: NO
 Composite Tank: NO
 Coated Tank: NO
 FRP Tank or Piping: YES
 External Nonmetallic Jacket: NO
 Unnecessary per Corr Protect Specialist: NO

UST Tank Compartment

UST Comprt ID:	51597	Substance Stored 1:	GASOLINE
Compartment ID:	A	Substance Stored 2:	
Capacity (gallons):	10000	Substance Stored 3:	

Compartment Release Detection

Vapor Monitoring: NO
 Groundwater Monitoring: NO
 Monitoring of Barrier: NO
 Auto Tnk Gauge Test & Inv Ctrl: YES
 Interstitial Monitor w/ Sec: YES
 Weekly Manual Gauging: NO
 Monthly Tank Gauging: NO
 SIR & Inventory Control: NO

Spill and Overfill Prevention

Tight Fill Fit Container/Bucket: YES
 Factory Spill Container/Bucket: YES
 Delivery Shut-Off Valve: NO
 Flow Restrictor Valve: YES
 Alarm(set@<=90%) w/3a or 3b): NO
 N/A-All Deliver to Tank<=25 gal: NO
 Comp Release Detect Compli: YES
 Piping Release Detect Compl: YES
 Spill/Overfill Prevent Compli: YES
 Comp Release Detect. Vary: NO
 Piping Release Detect Vary: NO
 Spill/Overfill Prevent. Variance: NO
 Stage 1 Vapor Recovery: TWO POINT SYSTEM
 Stage 1 Installation Date:

Piping Release Detection

Vapor Monitoring: NO
 Groundwater Monitoring: NO
 Secondary Barrier Monitoring: NO
 Interstitial Monitoring: YES
 Monthly Piping Tightness Test: NO
 Annual Test/Electro Monitor: YES
 Triennial Tightness Test: NO
 Auto Line Leak Detector: YES
 SIR & Inventory Control: NO
 Exempt System Suction: NO

Piping External Containment

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Factory Nonmetal Jacket:		NO				
Synth Tnk Pit/Pipe-Tren Lnr:		NO				
Tank Vault/Rigid Trench Liner:		NO				
Piping Type Code:		P				
Piping Type Description:		Pressurized				

Piping Material

Steel:	NO
FRP (Fibergla Reinfor Plastic):	YES
Concrete:	NO
Steel w/External Jacket:	NO
Nonmetallic Flexible Piping:	NO

Piping Connectors & Valves

Shear/Impact Valves:	NO
Steel Swing-joints:	NO
Flexible Connectors:	NO

Piping Corrosion Protection Method

External Dielectric:	NO
Cathodic Protection-Fact Inst:	NO
Cathodic Protection-Field Inst:	NO
Frp Tank or Piping:	YES
Nonmetallic Flexible Piping:	NO
Open Area/2nd Containment:	NO
Dual Protected:	NO
Unec per Corr Protect Spc:	NO
Tank Corr Protect Compliance:	YES
Piping Corr Protect Compli:	YES
Tank Corr Protect Variance:	NO
Piping Corr Protect Variance:	NO
Temp Out of Service Comp:	NO
Technical Compliance:	NO
Tank Tested:	NO
Installation Signature Date:	

Tank Information

UST ID:	32497	Capacity (gal):	4000
Tank ID:	6B	Empty:	NO
Regulatory Status:	FULLY REGULATED	Internal Protection:	
Status:	REMOVED FROM GROUND	Design Single Wall:	NO
Status Begin Date:	10/25/1993	Design Double Wall:	NO
Installation Date:	01/01/1976	Piping Dsgn Sngl WII:	NO
Registration Date:	05/21/1986	Piping Dsgn Dble WII:	NO
No of Compartments:	1		

Tank Material

Steel:	NO
FRP (Fibergla Reinfor Plastic):	YES
Composite (Steel w/Ext FRP):	NO
Concrete:	NO
Steel w/External Jacket:	NO
Steel w/External Polyurethane:	NO

Tank External Containment

Factory-Built Nonmetal Jacket:	NO
--------------------------------	----

Synth Tnk Pit/Pipe-Trench Lnr: NO
 Tank Vault/Rigid Trench Liner: NO

Tank Corrosion Protection Method

External Dielectric: NO
 Cathodic Protection-Fact Inst: NO
 Cathodic Protection-Field Inst: NO
 Composite Tank: NO
 Coated Tank: NO
 FRP Tank or Piping: YES
 External Nonmetallic Jacket: NO
 Unnecessary per Corr Protect Specialist: NO

UST Tank Compartment

UST Comprt ID:	51586	Substance Stored 1:	DIESEL
Compartment ID:	A	Substance Stored 2:	
Capacity (gallons):	4000	Substance Stored 3:	

Compartment Release Detection

Vapor Monitoring: NO
 Groundwater Monitoring: NO
 Monitoring of Barrier: NO
 Auto Tnk Gauge Test & Inv Ctrl: NO
 Interstitial Monitor w/ Sec: NO
 Weekly Manual Gauging: NO
 Monthly Tank Gauging: NO
 SIR & Inventory Control: NO

Spill and Overfill Prevention

Tight Fill Fit Container/Bucket: NO
 Factory Spill Container/Bucket: NO
 Delivery Shut-Off Valve: NO
 Flow Restrictor Valve: NO
 Alarm(set@<=90%) w/3a or 3b): NO
 N/A-All Deliver to Tank<=25 gal: NO
 Comp Release Detect Compli: NO
 Piping Release Detect Compli: NO
 Spill/Overfill Prevent Compli: NO
 Comp Release Detect. Vary: NO
 Piping Release Detect Vary: NO
 Spill/Overfill Prevent. Variance: NO
 Stage 1 Vapor Recovery:
 Stage 1 Installation Date:

Piping Release Detection

Vapor Monitoring: NO
 Groundwater Monitoring: NO
 Secondary Barrier Monitoring: NO
 Interstitial Monitoring: NO
 Monthly Piping Tightness Test: NO
 Annual Test/Electro Monitor: NO
 Triennial Tightness Test: NO
 Auto Line Leak Detector: NO
 SIR & Inventory Control: NO
 Exempt System Suction: NO

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
---------	-------------------	-----------	------------------	----------------	------	----

Piping External Containment

Factory Nonmetal Jacket: NO
Synth Tnk Pit/Pipe-Tren Lnr: NO
Tank Vault/Rigid Trench Liner: NO
Piping Type Code:
Piping Type Description:

Piping Material

Steel: NO
FRP (Fibergla Reinfor Plastic): NO
Concrete: NO
Steel w/External Jacket: NO
Nonmetallic Flexible Piping: NO

Piping Connectors & Valves

Shear/Impact Valves: NO
Steel Swing-joints: NO
Flexible Connectors: NO

Piping Corrosion Protection Method

External Dielectric: NO
Cathodic Protection-Fact Inst: NO
Cathodic Protection-Field Inst: NO
Frp Tank or Piping: NO
Nonmetallic Flexible Piping: NO
Open Area/2nd Containment: NO
Dual Protected: NO
Unec per Corr Protect Spc: NO
Tank Corr Protect Compliance: YES
Piping Corr Protect Compli: NO
Tank Corr Protect Variance: NO
Piping Corr Protect Variance: NO
Temp Out of Service Comp: NO
Technical Compliance: NO
Tank Tested: YES
Installation Signature Date: 09/08/1993

Tank Information

UST ID: 174249	Capacity (gal): 10000
Tank ID: 1	Empty: NO
Regulatory Status: FULLY REGULATED	Internal Protection:
Status: IN USE	Design Single Wall: NO
Status Begin Date: 12/19/1991	Design Double Wall: YES
Installation Date: 12/19/1991	Piping Dsgn Sngl Wll: NO
Registration Date: 05/21/1986	Piping Dsgn Dble Wll: YES
No of Compartments: 1	

Tank Material

Steel: NO
FRP (Fibergla Reinfor Plastic): YES
Composite (Steel w/Ext FRP): NO
Concrete: NO
Steel w/External Jacket: NO
Steel w/External Polyurethane: NO

Tank External Containment

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
---------	-------------------	-----------	------------------	----------------	------	----

Factory-Built Nonmetal Jacket: NO
 Synth Tnk Pit/Pipe-Trench Lnr: NO
 Tank Vault/Rigid Trench Liner: NO

Tank Corrosion Protection Method

External Dielectric: NO
 Cathodic Protection-Fact Inst: NO
 Cathodic Protection-Field Inst: NO
 Composite Tank: NO
 Coated Tank: NO
 FRP Tank or Piping: YES
 External Nonmetallic Jacket: NO
 Unnecessary per Corr Protect Specialist: NO

UST Tank Compartment

UST Comprt ID:	51596	Substance Stored 1:	GASOLINE
Compartment ID:	A	Substance Stored 2:	
Capacity (gallons):	10000	Substance Stored 3:	

Compartment Release Detection

Vapor Monitoring: NO
 Groundwater Monitoring: NO
 Monitoring of Barrier: NO
 Auto Tnk Gauge Test & Inv Ctrl: YES
 Interstitial Monitor w/ Sec: YES
 Weekly Manual Gauging: NO
 Monthly Tank Gauging: NO
 SIR & Inventory Control: NO

Spill and Overfill Prevention

Tight Fill Fit Container/Bucket: YES
 Factory Spill Container/Bucket: YES
 Delivery Shut-Off Valve: NO
 Flow Restrictor Valve: YES
 Alarm(set @<=90%) w/3a or 3b): NO
 N/A-All Deliver to Tank<=25 gal: NO
 Comp Release Detect Compli: YES
 Piping Release Detect Compl: YES
 Spill/Overfill Prevent Compli: YES
 Comp Release Detect. Vary: NO
 Piping Release Detect Vary: NO
 Spill/Overfill Prevent. Variance: NO
 Stage 1 Vapor Recovery: TWO POINT SYSTEM
 Stage 1 Installation Date:

Piping Release Detection

Vapor Monitoring: NO
 Groundwater Monitoring: NO
 Secondary Barrier Monitoring: NO
 Interstitial Monitoring: YES
 Monthly Piping Tightness Test: NO
 Annual Test/Electro Monitor: YES
 Triennial Tightness Test: NO
 Auto Line Leak Detector: YES
 SIR & Inventory Control: NO
 Exempt System Suction: NO

Piping External Containment

Factory Nonmetal Jacket: NO
Synth Tnk Pit/Pipe-Tren Lnr: NO
Tank Vault/Rigid Trench Liner: NO
Piping Type Code: P
Piping Type Description: Pressurized

Piping Material

Steel: NO
FRP (Fibergla Reinfor Plastic): YES
Concrete: NO
Steel w/External Jacket: NO
Nonmetallic Flexible Piping: NO

Piping Connectors & Valves

Shear/Impact Valves: NO
Steel Swing-joints: NO
Flexible Connectors: NO

Piping Corrosion Protection Method

External Dielectric: NO
Cathodic Protection-Fact Inst: NO
Cathodic Protection-Field Inst: NO
Frp Tank or Piping: YES
Nonmetallic Flexible Piping: NO
Open Area/2nd Containment: NO
Dual Protected: NO
Unec per Corr Protect Spc: NO
Tank Corr Protect Compliance: YES
Piping Corr Protect Compli: YES
Tank Corr Protect Variance: NO
Piping Corr Protect Variance: NO
Temp Out of Service Comp: NO
Technical Compliance: NO
Tank Tested: NO
Installation Signature Date:

Tank Information

UST ID:	174252	Capacity (gal):	10000
Tank ID:	4	Empty:	NO
Regulatory Status:	FULLY REGULATED	Internal Protection:	
Status:	IN USE	Design Single Wall:	NO
Status Begin Date:	12/19/1991	Design Double Wall:	YES
Installation Date:	12/19/1991	Piping Dsgn Sngl WII:	NO
Registration Date:	05/21/1986	Piping Dsgn Dble WII:	YES
No of Compartments:	1		

Tank Material

Steel: NO
FRP (Fibergla Reinfor Plastic): YES
Composite (Steel w/Ext FRP): NO
Concrete: NO
Steel w/External Jacket: NO
Steel w/External Polyurethane: NO

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
---------	-------------------	-----------	------------------	----------------	------	----

Tank External Containment

Factory-Built Nonmetal Jacket: NO
 Synth Tnk Pit/Pipe-Trench Lnr: NO
 Tank Vault/Rigid Trench Liner: NO

Tank Corrosion Protection Method

External Dielectric: NO
 Cathodic Protection-Fact Inst: NO
 Cathodic Protection-Field Inst: NO
 Composite Tank: NO
 Coated Tank: NO
 FRP Tank or Piping: YES
 External Nonmetallic Jacket: NO
 Unnecessary per Corr Protect Specialist: NO

UST Tank Compartment

UST Comprt ID:	51599	Substance Stored 1:	DIESEL
Compartment ID:	A	Substance Stored 2:	
Capacity (gallons):	10000	Substance Stored 3:	

Compartment Release Detection

Vapor Monitoring: NO
 Groundwater Monitoring: NO
 Monitoring of Barrier: NO
 Auto Tnk Gauge Test & Inv Ctrl: YES
 Interstitial Monitor w/ Sec: YES
 Weekly Manual Gauging: NO
 Monthly Tank Gauging: NO
 SIR & Inventory Control: NO

Spill and Overfill Prevention

Tight Fill Fit Container/Bucket: YES
 Factory Spill Container/Bucket: YES
 Delivery Shut-Off Valve: NO
 Flow Restrictor Valve: YES
 Alarm(set@<=90%) w/3a or 3b): NO
 N/A-All Deliver to Tank<=25 gal: NO
 Comp Release Detect Compli: YES
 Piping Release Detect Compli: YES
 Spill/Overfill Prevent Compli: YES
 Comp Release Detect. Vary: NO
 Piping Release Detect Vary: NO
 Spill/Overfill Prevent. Variance: NO
 Stage 1 Vapor Recovery: TWO POINT SYSTEM
 Stage 1 Installation Date:

Piping Release Detection

Vapor Monitoring: NO
 Groundwater Monitoring: NO
 Secondary Barrier Monitoring: NO
 Interstitial Monitoring: YES
 Monthly Piping Tightness Test: NO
 Annual Test/Electro Monitor: YES
 Triennial Tightness Test: NO
 Auto Line Leak Detector: YES

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
SIR & Inventory Control:		NO				
Exempt System Suction:		NO				
<u>Piping External Containment</u>						
Factory Nonmetal Jacket:		NO				
Synth Tnk Pit/Pipe-Tren Lnr:		NO				
Tank Vault/Rigid Trench Liner:		NO				
Piping Type Code:		P				
Piping Type Description:		Pressurized				
<u>Piping Material</u>						
Steel:		NO				
FRP (Fibergla Reinfor Plastic):		YES				
Concrete:		NO				
Steel w/External Jacket:		NO				
Nonmetallic Flexible Piping:		NO				
<u>Piping Connectors & Valves</u>						
Shear/Impact Valves:		NO				
Steel Swing-joints:		NO				
Flexible Connectors:		NO				
<u>Piping Corrosion Protection Method</u>						
External Dielectric:		NO				
Cathodic Protection-Fact Inst:		NO				
Cathodic Protection-Field Inst:		NO				
Frp Tank or Piping:		YES				
Nonmetallic Flexible Piping:		NO				
Open Area/2nd Containment:		NO				
Dual Protected:		NO				
Unec per Corr Protect Spc:		NO				
Tank Corr Protect Compliance:		YES				
Piping Corr Protect Compli:		YES				
Tank Corr Protect Variance:		NO				
Piping Corr Protect Variance:		NO				
Temp Out of Service Comp:		NO				
Technical Compliance:		NO				
Tank Tested:		NO				
Installation Signature Date:						
<u>Tank Information</u>						
UST ID:	197854				Capacity (gal):	500
Tank ID:	7				Empty:	NO
Regulatory Status:	FULLY REGULATED				Internal Protection:	
Status:	IN USE				Design Single Wall:	NO
Status Begin Date:	12/04/2013				Design Double Wall:	NO
Installation Date:	08/31/1987				Piping Dsgn Sngl Wll:	NO
Registration Date:	06/18/2001				Piping Dsgn Dble Wll:	NO
No of Compartments:	1					
<u>Tank Material</u>						
Steel:		NO				
FRP (Fibergla Reinfor Plastic):		NO				
Composite (Steel w/Ext FRP):		NO				
Concrete:		NO				
Steel w/External Jacket:		NO				

Steel w/External Polyurethane: NO

Tank External Containment

Factory-Built Nonmetal Jacket: NO
 Synth Tnk Pit/Pipe-Trench Lnr: NO
 Tank Vault/Rigid Trench Liner: NO

Tank Corrosion Protection Method

External Dielectric: NO
 Cathodic Protection-Fact Inst: NO
 Cathodic Protection-Field Inst: NO
 Composite Tank: NO
 Coated Tank: NO
 FRP Tank or Piping: NO
 External Nonmetallic Jacket: NO
 Unnecessary per Corr Protect Specialist: NO

UST Tank Compartment

UST Comprt ID:	51600	Substance Stored 1:
Compartment ID:	A	Substance Stored 2:
Capacity (gallons):	500	Substance Stored 3:

Compartment Release Detection

Vapor Monitoring: NO
 Groundwater Monitoring: NO
 Monitoring of Barrier: NO
 Auto Tnk Gauge Test & Inv Ctrl: NO
 Interstitial Monitor w/ Sec: NO
 Weekly Manual Gauging: NO
 Monthly Tank Gauging: NO
 SIR & Inventory Control: NO

Spill and Overfill Prevention

Tight Fill Fit Container/Bucket: NO
 Factory Spill Container/Bucket: NO
 Delivery Shut-Off Valve: NO
 Flow Restrictor Valve: NO
 Alarm(set@<=90%) w/3a or 3b): NO
 N/A-All Deliver to Tank<=25 gal: NO
 Comp Release Detect Compli: NO
 Piping Release Detect Compli: NO
 Spill/Overfill Prevent Compli: NO
 Comp Release Detect. Vary: NO
 Piping Release Detect Vary: NO
 Spill/Overfill Prevent. Variance: NO
 Stage 1 Vapor Recovery: EXEMPT BY TCEQ RULE
 Stage 1 Installation Date:

Piping Release Detection

Vapor Monitoring: NO
 Groundwater Monitoring: NO
 Secondary Barrier Monitoring: NO
 Interstitial Monitoring: NO
 Monthly Piping Tightness Test: NO
 Annual Test/Electro Monitor: NO

Triennial Tightness Test: NO
Auto Line Leak Detector: NO
SIR & Inventory Control: NO
Exempt System Suction: NO

Piping External Containment

Factory Nonmetal Jacket: NO
Synth Tnk Pit/Pipe-Tren Lnr: NO
Tank Vault/Rigid Trench Liner: NO
Piping Type Code: G
Piping Type Description: Gravity

Piping Material

Steel: NO
FRP (Fibergla Reinfor Plastic): NO
Concrete: NO
Steel w/External Jacket: NO
Nonmetallic Flexible Piping: NO

Piping Connectors & Valves

Shear/Impact Valves: NO
Steel Swing-joints: NO
Flexible Connectors: NO

Piping Corrosion Protection Method

External Dielectric: NO
Cathodic Protection-Fact Inst: NO
Cathodic Protection-Field Inst: NO
Frp Tank or Piping: NO
Nonmetallic Flexible Piping: NO
Open Area/2nd Containment: NO
Dual Protected: NO
Unec per Corr Protect Spc: NO
Tank Corr Protect Compliance: NO
Piping Corr Protect Compli: NO
Tank Corr Protect Variance: NO
Piping Corr Protect Variance: NO
Temp Out of Service Comp: YES
Technical Compliance: NO
Tank Tested: NO
Installation Signature Date:

Tank Information

UST ID:	174251	Capacity (gal):	6000
Tank ID:	3	Empty:	NO
Regulatory Status:	FULLY REGULATED	Internal Protection:	
Status:	IN USE	Design Single Wall:	NO
Status Begin Date:	12/19/1991	Design Double Wall:	YES
Installation Date:	12/19/1991	Piping Dsgn Sngl WII:	NO
Registration Date:	05/21/1986	Piping Dsgn Dble WII:	YES
No of Compartments:	1		

Tank Material

Steel: NO
FRP (Fibergla Reinfor Plastic): YES
Composite (Steel w/Ext FRP): NO

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
---------	-------------------	-----------	------------------	----------------	------	----

Concrete: NO
 Steel w/External Jacket: NO
 Steel w/External Polyurethane: NO

Tank External Containment

Factory-Built Nonmetal Jacket: NO
 Synth Tnk Pit/Pipe-Trench Lnr: NO
 Tank Vault/Rigid Trench Liner: NO

Tank Corrosion Protection Method

External Dielectric: NO
 Cathodic Protection-Fact Inst: NO
 Cathodic Protection-Field Inst: NO
 Composite Tank: NO
 Coated Tank: NO
 FRP Tank or Piping: YES
 External Nonmetallic Jacket: NO
 Unnecessary per Corr Protect Specialist: NO

UST Tank Compartment

UST Comprt ID:	51598	Substance Stored 1:	GASOLINE
Compartment ID:	A	Substance Stored 2:	
Capacity (gallons):	6000	Substance Stored 3:	

Compartment Release Detection

Vapor Monitoring: NO
 Groundwater Monitoring: NO
 Monitoring of Barrier: NO
 Auto Tnk Gauge Test & Inv Ctrl: YES
 Interstitial Monitor w/ Sec: YES
 Weekly Manual Gauging: NO
 Monthly Tank Gauging: NO
 SIR & Inventory Control: NO

Spill and Overfill Prevention

Tight Fill Fit Container/Bucket: YES
 Factory Spill Container/Bucket: YES
 Delivery Shut-Off Valve: NO
 Flow Restrictor Valve: YES
 Alarm(set@<=90%) w/3a or 3b): NO
 N/A-All Deliver to Tank<=25 gal: NO
 Comp Release Detect Compli: YES
 Piping Release Detect Compl: YES
 Spill/Overfill Prevent Compli: YES
 Comp Release Detect. Vary: NO
 Piping Release Detect Vary: NO
 Spill/Overfill Prevent. Variance: NO
 Stage 1 Vapor Recovery: TWO POINT SYSTEM
 Stage 1 Installation Date:

Piping Release Detection

Vapor Monitoring: NO
 Groundwater Monitoring: NO
 Secondary Barrier Monitoring: NO
 Interstitial Monitoring: YES

Monthly Piping Tightness Test: NO
Annual Test/Electro Monitor: YES
Triennial Tightness Test: NO
Auto Line Leak Detector: YES
SIR & Inventory Control: NO
Exempt System Suction: NO

Piping External Containment

Factory Nonmetal Jacket: NO
Synth Tnk Pit/Pipe-Tren Lnr: NO
Tank Vault/Rigid Trench Liner: NO
Piping Type Code: P
Piping Type Description: Pressurized

Piping Material

Steel: NO
FRP (Fibergla Reinfor Plastic): YES
Concrete: NO
Steel w/External Jacket: NO
Nonmetallic Flexible Piping: NO

Piping Connectors & Valves

Shear/Impact Valves: NO
Steel Swing-joints: NO
Flexible Connectors: NO

Piping Corrosion Protection Method

External Dielectric: NO
Cathodic Protection-Fact Inst: NO
Cathodic Protection-Field Inst: NO
Frp Tank or Piping: YES
Nonmetallic Flexible Piping: NO
Open Area/2nd Containment: NO
Dual Protected: NO
Unec per Corr Protect Spc: NO
Tank Corr Protect Compliance: YES
Piping Corr Protect Compli: YES
Tank Corr Protect Variance: NO
Piping Corr Protect Variance: NO
Temp Out of Service Comp: NO
Technical Compliance: NO
Tank Tested: NO
Installation Signature Date:

Tank Information

UST ID: 32495	Capacity (gal): 500
Tank ID: 9	Empty: NO
Regulatory Status: FULLY REGULATED	Internal Protection:
Status: IN USE	Design Single Wall: NO
Status Begin Date: 12/04/2013	Design Double Wall: YES
Installation Date: 01/01/1988	Piping Dsgn Sngl Wll: NO
Registration Date: 05/21/1986	Piping Dsgn Dble Wll: YES
No of Compartments: 1	

Tank Material

Steel: NO

FRP (Fibergla Reinfor Plastic):	YES
Composite (Steel w/Ext FRP):	NO
Concrete:	NO
Steel w/External Jacket:	NO
Steel w/External Polyurethane:	NO

Tank External Containment

Factory-Built Nonmetal Jacket:	NO
Synth Tnk Pit/Pipe-Trench Lnr:	NO
Tank Vault/Rigid Trench Liner:	NO

Tank Corrosion Protection Method

External Dielectric:	NO
Cathodic Protection-Fact Inst:	NO
Cathodic Protection-Field Inst:	NO
Composite Tank:	NO
Coated Tank:	NO
FRP Tank or Piping:	YES
External Nonmetallic Jacket:	NO
Unnecessary per Corr Protect Specialist:	NO

UST Tank Compartment

UST Comprt ID:	51584	Substance Stored 1:
Compartment ID:	A	Substance Stored 2:
Capacity (gallons):	500	Substance Stored 3:

Compartment Release Detection

Vapor Monitoring:	NO
Groundwater Monitoring:	NO
Monitoring of Barrier:	NO
Auto Tnk Gauge Test & Inv Ctrl:	YES
Interstitial Monitor w/ Sec:	YES
Weekly Manual Gauging:	NO
Monthly Tank Gauging:	NO
SIR & Inventory Control:	NO

Spill and Overfill Prevention

Tight Fill Fit Container/Bucket:	YES
Factory Spill Container/Bucket:	YES
Delivery Shut-Off Valve:	NO
Flow Restrictor Valve:	YES
Alarm(set@<=90%) w/3a or 3b):	NO
N/A-All Deliver to Tank<=25 gal:	NO
Comp Release Detect Compli:	YES
Piping Release Detect Compl:	YES
Spill/Overfill Prevent Compli:	YES
Comp Release Detect. Vary:	NO
Piping Release Detect Vary:	NO
Spill/Overfill Prevent. Variance:	NO
Stage 1 Vapor Recovery:	EXEMPT BY TCEQ RULE
Stage 1 Installation Date:	

Piping Release Detection

Vapor Monitoring:	NO
Groundwater Monitoring:	NO

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
---------	-------------------	-----------	------------------	----------------	------	----

Secondary Barrier Monitoring: NO
 Interstitial Monitoring: YES
 Monthly Piping Tightness Test: NO
 Annual Test/Electro Monitor: NO
 Triennial Tightness Test: YES
 Auto Line Leak Detector: NO
 SIR & Inventory Control: NO
 Exempt System Suction: NO

Piping External Containment

Factory Nonmetal Jacket: NO
 Synth Tnk Pit/Pipe-Tren Lnr: NO
 Tank Vault/Rigid Trench Liner: NO
 Piping Type Code: G
 Piping Type Description: Gravity

Piping Material

Steel: NO
 FRP (Fibergla Reinfor Plastic): YES
 Concrete: NO
 Steel w/External Jacket: NO
 Nonmetallic Flexible Piping: NO

Piping Connectors & Valves

Shear/Impact Valves: NO
 Steel Swing-joints: NO
 Flexible Connectors: NO

Piping Corrosion Protection Method

External Dielectric: NO
 Cathodic Protection-Fact Inst: NO
 Cathodic Protection-Field Inst: NO
 Frp Tank or Piping: YES
 Nonmetallic Flexible Piping: NO
 Open Area/2nd Containment: NO
 Dual Protected: NO
 Unec per Corr Protect Spc: NO
 Tank Corr Protect Compliance: YES
 Piping Corr Protect Compli: YES
 Tank Corr Protect Variance: NO
 Piping Corr Protect Variance: NO
 Temp Out of Service Comp: YES
 Technical Compliance: YES
 Tank Tested: YES
 Installation Signature Date: 09/08/1993

Tank Information

UST ID:	32491	Capacity (gal):	3000
Tank ID:	2A	Empty:	NO
Regulatory Status:	FULLY REGULATED	Internal Protection:	
Status:	REMOVED FROM GROUND	Design Single Wall:	NO
Status Begin Date:	10/27/1993	Design Double Wall:	NO
Installation Date:	01/01/1968	Piping Dsgn Sngl Wll:	NO
Registration Date:	05/21/1986	Piping Dsgn Dble Wll:	NO
No of Compartments:	1		

Tank Material

Steel: YES
FRP (Fibergla Reinfor Plastic): NO
Composite (Steel w/Ext FRP): NO
Concrete: NO
Steel w/External Jacket: NO
Steel w/External Polyurethane: NO

Tank External Containment

Factory-Built Nonmetal Jacket: NO
Synth Tnk Pit/Pipe-Trench Lnr: NO
Tank Vault/Rigid Trench Liner: NO

Tank Corrosion Protection Method

External Dielectric: NO
Cathodic Protection-Fact Inst: NO
Cathodic Protection-Field Inst: NO
Composite Tank: NO
Coated Tank: NO
FRP Tank or Piping: NO
External Nonmetallic Jacket: NO
Unnecessary per Corr Protect Specialist: NO

UST Tank Compartment

UST Comprt ID:	51580	Substance Stored 1:	GASOLINE
Compartment ID:	A	Substance Stored 2:	
Capacity (gallons):	3000	Substance Stored 3:	

Compartment Release Detection

Vapor Monitoring: NO
Groundwater Monitoring: NO
Monitoring of Barrier: NO
Auto Tnk Gauge Test & Inv Ctrl: NO
Interstitial Monitor w/ Sec: NO
Weekly Manual Gauging: NO
Monthly Tank Gauging: NO
SIR & Inventory Control: NO

Spill and Overfill Prevention

Tight Fill Fit Container/Bucket: NO
Factory Spill Container/Bucket: NO
Delivery Shut-Off Valve: NO
Flow Restrictor Valve: NO
Alarm(set@<=90%) w/3a or 3b): NO
N/A-All Deliver to Tank<=25 gal: NO
Comp Release Detect Compli: NO
Piping Release Detect Compl: NO
Spill/Overfill Prevent Compli: NO
Comp Release Detect. Vary: NO
Piping Release Detect Vary: NO
Spill/Overfill Prevent. Variance: NO
Stage 1 Vapor Recovery:
Stage 1 Installation Date:

Piping Release Detection

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Vapor Monitoring:		NO				
Groundwater Monitoring:		NO				
Secondary Barrier Monitoring:		NO				
Interstitial Monitoring:		NO				
Monthly Piping Tightness Test:		NO				
Annual Test/Electro Monitor:		NO				
Triennial Tightness Test:		NO				
Auto Line Leak Detector:		NO				
SIR & Inventory Control:		NO				
Exempt System Suction:		NO				

Piping External Containment

Factory Nonmetal Jacket:	NO
Synth Tnk Pit/Pipe-Tren Lnr:	NO
Tank Vault/Rigid Trench Liner:	NO
Piping Type Code:	
Piping Type Description:	

Piping Material

Steel:	YES
FRP (Fibergla Reinfor Plastic):	NO
Concrete:	NO
Steel w/External Jacket:	NO
Nonmetallic Flexible Piping:	NO

Piping Connectors & Valves

Shear/Impact Valves:	NO
Steel Swing-joints:	NO
Flexible Connectors:	NO

Piping Corrosion Protection Method

External Dielectric:	NO
Cathodic Protection-Fact Inst:	NO
Cathodic Protection-Field Inst:	NO
Frp Tank or Piping:	NO
Nonmetallic Flexible Piping:	NO
Open Area/2nd Containment:	NO
Dual Protected:	NO
Unec per Corr Protect Spc:	NO
Tank Corr Protect Compliance:	NO
Piping Corr Protect Compli:	NO
Tank Corr Protect Variance:	NO
Piping Corr Protect Variance:	NO
Temp Out of Service Comp:	NO
Technical Compliance:	NO
Tank Tested:	YES
Installation Signature Date:	09/08/1993

Tank Information

UST ID:	32493	Capacity (gal):	1000
Tank ID:	3A	Empty:	NO
Regulatory Status:	FULLY REGULATED	Internal Protection:	
Status:	REMOVED FROM GROUND	Design Single Wall:	NO
Status Begin Date:	11/01/1993	Design Double Wall:	NO
Installation Date:	01/01/1968	Piping Dsgn Sngl Wll:	NO
Registration Date:	05/21/1986	Piping Dsgn Dble Wll:	NO
No of Compartments:	1		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
---------	-------------------	-----------	------------------	----------------	------	----

Tank Material

Steel:	YES
FRP (Fibergla Reinfor Plastic):	NO
Composite (Steel w/Ext FRP):	NO
Concrete:	NO
Steel w/External Jacket:	NO
Steel w/External Polyurethane:	NO

Tank External Containment

Factory-Built Nonmetal Jacket:	NO
Synth Tnk Pit/Pipe-Trench Lnr:	NO
Tank Vault/Rigid Trench Liner:	NO

Tank Corrosion Protection Method

External Dielectric:	NO
Cathodic Protection-Fact Inst:	NO
Cathodic Protection-Field Inst:	NO
Composite Tank:	NO
Coated Tank:	NO
FRP Tank or Piping:	NO
External Nonmetallic Jacket:	NO
Unnecessary per Corr Protect Specialist:	NO

UST Tank Compartment

UST Comprt ID:	51582	Substance Stored 1:	EMPTY
Compartment ID:	A	Substance Stored 2:	
Capacity (gallons):	1000	Substance Stored 3:	

Compartment Release Detection

Vapor Monitoring:	NO
Groundwater Monitoring:	NO
Monitoring of Barrier:	NO
Auto Tnk Gauge Test & Inv Ctrl:	NO
Interstitial Monitor w/ Sec:	NO
Weekly Manual Gauging:	NO
Monthly Tank Gauging:	NO
SIR & Inventory Control:	NO

Spill and Overfill Prevention

Tight Fill Fit Container/Bucket:	NO
Factory Spill Container/Bucket:	NO
Delivery Shut-Off Valve:	NO
Flow Restrictor Valve:	NO
Alarm(set@<=90%) w/3a or 3b):	NO
N/A-All Deliver to Tank<=25 gal:	NO
Comp Release Detect Compli:	NO
Piping Release Detect Compl:	NO
Spill/Overfill Prevent Compli:	NO
Comp Release Detect. Vary:	NO
Piping Release Detect Vary:	NO
Spill/Overfill Prevent. Variance:	NO
Stage 1 Vapor Recovery:	
Stage 1 Installation Date:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
---------	-------------------	-----------	------------------	----------------	------	----

Piping Release Detection

Vapor Monitoring: NO
 Groundwater Monitoring: NO
 Secondary Barrier Monitoring: NO
 Interstitial Monitoring: NO
 Monthly Piping Tightness Test: NO
 Annual Test/Electro Monitor: NO
 Triennial Tightness Test: NO
 Auto Line Leak Detector: NO
 SIR & Inventory Control: NO
 Exempt System Suction: NO

Piping External Containment

Factory Nonmetal Jacket: NO
 Synth Tnk Pit/Pipe-Tren Lnr: NO
 Tank Vault/Rigid Trench Liner: NO
 Piping Type Code:
 Piping Type Description:

Piping Material

Steel: YES
 FRP (Fibergla Reinfor Plastic): NO
 Concrete: NO
 Steel w/External Jacket: NO
 Nonmetallic Flexible Piping: NO

Piping Connectors & Valves

Shear/Impact Valves: NO
 Steel Swing-joints: NO
 Flexible Connectors: NO

Piping Corrosion Protection Method

External Dielectric: NO
 Cathodic Protection-Fact Inst: NO
 Cathodic Protection-Field Inst: NO
 Frp Tank or Piping: NO
 Nonmetallic Flexible Piping: NO
 Open Area/2nd Containment: NO
 Dual Protected: NO
 Unec per Corr Protect Spc: NO
 Tank Corr Protect Compliance: NO
 Piping Corr Protect Compli: NO
 Tank Corr Protect Variance: NO
 Piping Corr Protect Variance: NO
 Temp Out of Service Comp: NO
 Technical Compliance: NO
 Tank Tested: YES
 Installation Signature Date: 09/08/1993

Tank Information

UST ID:	32492	Capacity (gal):	8000
Tank ID:	4A	Empty:	NO
Regulatory Status:	FULLY REGULATED	Internal Protection:	
Status:	REMOVED FROM GROUND	Design Single Wall:	NO
Status Begin Date:	11/03/1993	Design Double Wall:	NO
Installation Date:	01/01/1983	Piping Dsgn Sngl Wll:	NO
Registration Date:	05/21/1986	Piping Dsgn Dble Wll:	NO

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
---------	-------------------	-----------	------------------	----------------	------	----

No of Compartments: 1

Tank Material

Steel: NO
 FRP (Fibergla Reinfor Plastic): YES
 Composite (Steel w/Ext FRP): NO
 Concrete: NO
 Steel w/External Jacket: NO
 Steel w/External Polyurethane: NO

Tank External Containment

Factory-Built Nonmetal Jacket: NO
 Synth Tnk Pit/Pipe-Trench Lnr: NO
 Tank Vault/Rigid Trench Liner: NO

Tank Corrosion Protection Method

External Dielectric: NO
 Cathodic Protection-Fact Inst: NO
 Cathodic Protection-Field Inst: NO
 Composite Tank: NO
 Coated Tank: NO
 FRP Tank or Piping: YES
 External Nonmetallic Jacket: NO
 Unnecessary per Corr Protect Specialist: NO

UST Tank Compartment

UST Comprt ID:	51581	Substance Stored 1:	DIESEL
Compartment ID:	A	Substance Stored 2:	
Capacity (gallons):	8000	Substance Stored 3:	

Compartment Release Detection

Vapor Monitoring: NO
 Groundwater Monitoring: NO
 Monitoring of Barrier: NO
 Auto Tnk Gauge Test & Inv Ctrl: NO
 Interstitial Monitor w/ Sec: NO
 Weekly Manual Gauging: NO
 Monthly Tank Gauging: NO
 SIR & Inventory Control: NO

Spill and Overfill Prevention

Tight Fill Fit Container/Bucket: NO
 Factory Spill Container/Bucket: NO
 Delivery Shut-Off Valve: NO
 Flow Restrictor Valve: NO
 Alarm(set@<=90%) w/3a or 3b): NO
 N/A-All Deliver to Tank<=25 gal: NO
 Comp Release Detect Compli: NO
 Piping Release Detect Compli: NO
 Spill/Overfill Prevent Compli: NO
 Comp Release Detect. Vary: NO
 Piping Release Detect Vary: NO
 Spill/Overfill Prevent. Variance: NO
 Stage 1 Vapor Recovery:
 Stage 1 Installation Date:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
---------	-------------------	-----------	------------------	----------------	------	----

Piping Release Detection

Vapor Monitoring: NO
 Groundwater Monitoring: NO
 Secondary Barrier Monitoring: NO
 Interstitial Monitoring: NO
 Monthly Piping Tightness Test: NO
 Annual Test/Electro Monitor: NO
 Triennial Tightness Test: NO
 Auto Line Leak Detector: NO
 SIR & Inventory Control: NO
 Exempt System Suction: NO

Piping External Containment

Factory Nonmetal Jacket: NO
 Synth Tnk Pit/Pipe-Tren Lnr: NO
 Tank Vault/Rigid Trench Liner: NO
 Piping Type Code:
 Piping Type Description:

Piping Material

Steel: NO
 FRP (Fibergla Reinfor Plastic): NO
 Concrete: NO
 Steel w/External Jacket: NO
 Nonmetallic Flexible Piping: NO

Piping Connectors & Valves

Shear/Impact Valves: NO
 Steel Swing-joints: NO
 Flexible Connectors: NO

Piping Corrosion Protection Method

External Dielectric: NO
 Cathodic Protection-Fact Inst: NO
 Cathodic Protection-Field Inst: NO
 Frp Tank or Piping: NO
 Nonmetallic Flexible Piping: NO
 Open Area/2nd Containment: NO
 Dual Protected: NO
 Unec per Corr Protect Spc: NO
 Tank Corr Protect Compliance: YES
 Piping Corr Protect Compli: NO
 Tank Corr Protect Variance: NO
 Piping Corr Protect Variance: NO
 Temp Out of Service Comp: NO
 Technical Compliance: NO
 Tank Tested: YES
 Installation Signature Date: 09/08/1993

Tank Information

UST ID:	32504	Capacity (gal):	12000
Tank ID:	11	Empty:	NO
Regulatory Status:	FULLY REGULATED	Internal Protection:	
Status:	REMOVED FROM GROUND	Design Single Wall:	NO
Status Begin Date:	11/19/1993	Design Double Wall:	NO

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
---------	-------------------	-----------	------------------	----------------	------	----

Installation Date:	01/01/1983				Piping Dsgn Sngl WII:	NO
Registration Date:	05/21/1986				Piping Dsgn Dble WII:	NO
No of Compartments:	1					

Tank Material

Steel:	NO
FRP (Fibergla Reinfor Plastic):	YES
Composite (Steel w/Ext FRP):	NO
Concrete:	NO
Steel w/External Jacket:	NO
Steel w/External Polyurethane:	NO

Tank External Containment

Factory-Built Nonmetal Jacket:	NO
Synth Tnk Pit/Pipe-Trench Lnr:	NO
Tank Vault/Rigid Trench Liner:	NO

Tank Corrosion Protection Method

External Dielectric:	NO
Cathodic Protection-Fact Inst:	NO
Cathodic Protection-Field Inst:	NO
Composite Tank:	NO
Coated Tank:	NO
FRP Tank or Piping:	YES
External Nonmetallic Jacket:	NO
Unnecessary per Corr Protect Specialist:	NO

UST Tank Compartment

UST Comprt ID:	51593	Substance Stored 1:	GASOLINE
Compartment ID:	A	Substance Stored 2:	
Capacity (gallons):	12000	Substance Stored 3:	

Compartment Release Detection

Vapor Monitoring:	NO
Groundwater Monitoring:	NO
Monitoring of Barrier:	NO
Auto Tnk Gauge Test & Inv Ctrl:	NO
Interstitial Monitor w/ Sec:	NO
Weekly Manual Gauging:	NO
Monthly Tank Gauging:	NO
SIR & Inventory Control:	NO

Spill and Overfill Prevention

Tight Fill Fit Container/Bucket:	NO
Factory Spill Container/Bucket:	NO
Delivery Shut-Off Valve:	NO
Flow Restrictor Valve:	NO
Alarm(set @ <=90%) w/3a or 3b):	NO
N/A-All Deliver to Tank <=25 gal:	NO
Comp Release Detect Compli:	NO
Piping Release Detect Compli:	NO
Spill/Overfill Prevent Compli:	NO
Comp Release Detect. Vary:	NO
Piping Release Detect Vary:	NO
Spill/Overfill Prevent. Variance:	NO

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
---------	-------------------	-----------	------------------	----------------	------	----

Stage 1 Vapor Recovery:
 Stage 1 Installation Date:

Piping Release Detection

Vapor Monitoring: NO
 Groundwater Monitoring: NO
 Secondary Barrier Monitoring: NO
 Interstitial Monitoring: NO
 Monthly Piping Tightness Test: NO
 Annual Test/Electro Monitor: NO
 Triennial Tightness Test: NO
 Auto Line Leak Detector: NO
 SIR & Inventory Control: NO
 Exempt System Suction: NO

Piping External Containment

Factory Nonmetal Jacket: NO
 Synth Tnk Pit/Pipe-Tren Lnr: NO
 Tank Vault/Rigid Trench Liner: NO
 Piping Type Code:
 Piping Type Description:

Piping Material

Steel: NO
 FRP (Fibergla Reinfor Plastic): YES
 Concrete: NO
 Steel w/External Jacket: NO
 Nonmetallic Flexible Piping: NO

Piping Connectors & Valves

Shear/Impact Valves: NO
 Steel Swing-joints: NO
 Flexible Connectors: NO

Piping Corrosion Protection Method

External Dielectric: NO
 Cathodic Protection-Fact Inst: NO
 Cathodic Protection-Field Inst: NO
 Frp Tank or Piping: NO
 Nonmetallic Flexible Piping: NO
 Open Area/2nd Containment: NO
 Dual Protected: NO
 Unec per Corr Protect Spc: NO
 Tank Corr Protect Compliance: YES
 Piping Corr Protect Compli: NO
 Tank Corr Protect Variance: NO
 Piping Corr Protect Variance: NO
 Temp Out of Service Comp: NO
 Technical Compliance: NO
 Tank Tested: YES
 Installation Signature Date: 09/08/1993

Tank Information

UST ID:	32496	Capacity (gal):	1000
Tank ID:	7A	Empty:	NO
Regulatory Status:	FULLY REGULATED	Internal Protection:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
---------	-------------------	-----------	------------------	----------------	------	----

Status:	REMOVED FROM GROUND	Design Single Wall:	NO
Status Begin Date:	12/08/1993	Design Double Wall:	NO
Installation Date:	01/01/1968	Piping Dsgn Sngl Wll:	NO
Registration Date:	05/21/1986	Piping Dsgn Dble Wll:	NO
No of Compartments:	1		

Tank Material

Steel:	YES
FRP (Fibergla Reinfor Plastic):	NO
Composite (Steel w/Ext FRP):	NO
Concrete:	NO
Steel w/External Jacket:	NO
Steel w/External Polyurethane:	NO

Tank External Containment

Factory-Built Nonmetal Jacket:	NO
Synth Tnk Pit/Pipe-Trench Lnr:	NO
Tank Vault/Rigid Trench Liner:	NO

Tank Corrosion Protection Method

External Dielectric:	NO
Cathodic Protection-Fact Inst:	NO
Cathodic Protection-Field Inst:	NO
Composite Tank:	NO
Coated Tank:	NO
FRP Tank or Piping:	NO
External Nonmetallic Jacket:	NO
Unnecessary per Corr Protect Specialist:	NO

UST Tank Compartment

UST Comprt ID:	51585	Substance Stored 1:	DIESEL
Compartment ID:	A	Substance Stored 2:	
Capacity (gallons):	1000	Substance Stored 3:	

Compartment Release Detection

Vapor Monitoring:	NO
Groundwater Monitoring:	NO
Monitoring of Barrier:	NO
Auto Tnk Gauge Test & Inv Ctrl:	NO
Interstitial Monitor w/ Sec:	NO
Weekly Manual Gauging:	NO
Monthly Tank Gauging:	NO
SIR & Inventory Control:	NO

Spill and Overfill Prevention

Tight Fill Fit Container/Bucket:	NO
Factory Spill Container/Bucket:	NO
Delivery Shut-Off Valve:	NO
Flow Restrictor Valve:	NO
Alarm(set@<=90%) w/3a or 3b):	NO
N/A-All Deliver to Tank<=25 gal:	NO
Comp Release Detect Compli:	NO
Piping Release Detect Compl:	NO
Spill/Overfill Prevent Compli:	NO
Comp Release Detect. Vary:	NO

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<i>Piping Release Detect Vary:</i>		NO				
<i>Spill/Overfill Prevent. Variance:</i>		NO				
<i>Stage 1 Vapor Recovery:</i>						
<i>Stage 1 Installation Date:</i>						
<u>Piping Release Detection</u>						
<i>Vapor Monitoring:</i>		NO				
<i>Groundwater Monitoring:</i>		NO				
<i>Secondary Barrier Monitoring:</i>		NO				
<i>Interstitial Monitoring:</i>		NO				
<i>Monthly Piping Tightness Test:</i>		NO				
<i>Annual Test/Electro Monitor:</i>		NO				
<i>Triennial Tightness Test:</i>		NO				
<i>Auto Line Leak Detector:</i>		NO				
<i>SIR & Inventory Control:</i>		NO				
<i>Exempt System Suction:</i>		NO				
<u>Piping External Containment</u>						
<i>Factory Nonmetal Jacket:</i>		NO				
<i>Synth Tnk Pit/Pipe-Tren Lnr:</i>		NO				
<i>Tank Vault/Rigid Trench Liner:</i>		NO				
<i>Piping Type Code:</i>						
<i>Piping Type Description:</i>						
<u>Piping Material</u>						
<i>Steel:</i>		YES				
<i>FRP (Fibergla Reinfor Plastic):</i>		NO				
<i>Concrete:</i>		NO				
<i>Steel w/External Jacket:</i>		NO				
<i>Nonmetallic Flexible Piping:</i>		NO				
<u>Piping Connectors & Valves</u>						
<i>Shear/Impact Valves:</i>		NO				
<i>Steel Swing-joints:</i>		NO				
<i>Flexible Connectors:</i>		NO				
<u>Piping Corrosion Protection Method</u>						
<i>External Dielectric:</i>		NO				
<i>Cathodic Protection-Fact Inst:</i>		NO				
<i>Cathodic Protection-Field Inst:</i>		NO				
<i>Frp Tank or Piping:</i>		NO				
<i>Nonmetallic Flexible Piping:</i>		NO				
<i>Open Area/2nd Containment:</i>		NO				
<i>Dual Protected:</i>		NO				
<i>Unec per Corr Protect Spc:</i>		NO				
<i>Tank Corr Protect Compliance:</i>		NO				
<i>Piping Corr Protect Compli:</i>		NO				
<i>Tank Corr Protect Variance:</i>		NO				
<i>Piping Corr Protect Variance:</i>		NO				
<i>Temp Out of Service Comp:</i>		NO				
<i>Technical Compliance:</i>		NO				
<i>Tank Tested:</i>		YES				
<i>Installation Signature Date:</i>		09/08/1993				

Tank Information

UST ID: 32508 Capacity (gal): 1000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
---------	-------------------	-----------	------------------	----------------	------	----

Tank ID:	8				Empty:	NO
Regulatory Status:	EMERG POWER GENERATOR				Internal Protection:	
Status:	TEMP OUT OF SERVICE				Design Single Wall:	NO
Status Begin Date:	02/14/2020				Design Double Wall:	YES
Installation Date:	01/01/1994				Piping Dsgn Sngl Wll:	NO
Registration Date:	05/21/1986				Piping Dsgn Dble Wll:	YES
No of Compartments:	1					

Tank Material

Steel:	NO
FRP (Fibergla Reinfor Plastic):	YES
Composite (Steel w/Ext FRP):	NO
Concrete:	NO
Steel w/External Jacket:	NO
Steel w/External Polyurethane:	NO

Tank External Containment

Factory-Built Nonmetal Jacket:	NO
Synth Tnk Pit/Pipe-Trench Lnr:	NO
Tank Vault/Rigid Trench Liner:	NO

Tank Corrosion Protection Method

External Dielectric:	NO
Cathodic Protection-Fact Inst:	NO
Cathodic Protection-Field Inst:	NO
Composite Tank:	NO
Coated Tank:	NO
FRP Tank or Piping:	YES
External Nonmetallic Jacket:	NO
Unnecessary per Corr Protect Specialist:	NO

UST Tank Compartment

UST Comprt ID:	51595	Substance Stored 1:	
Compartment ID:	A	Substance Stored 2:	
Capacity (gallons):	1000	Substance Stored 3:	

Compartment Release Detection

Vapor Monitoring:	NO
Groundwater Monitoring:	NO
Monitoring of Barrier:	NO
Auto Tnk Gauge Test & Inv Ctrl:	YES
Interstitial Monitor w/ Sec:	YES
Weekly Manual Gauging:	NO
Monthly Tank Gauging:	YES
SIR & Inventory Control:	NO

Spill and Overfill Prevention

Tight Fill Fit Container/Bucket:	YES
Factory Spill Container/Bucket:	YES
Delivery Shut-Off Valve:	YES
Flow Restrictor Valve:	NO
Alarm(set@<=90%) w/3a or 3b):	NO
N/A-All Deliver to Tank<=25 gal:	NO
Comp Release Detect Compli:	YES
Piping Release Detect Compli:	YES

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<i>Spill/Overfill Prevent Compli:</i>		YES				
<i>Comp Release Detect. Vary:</i>		NO				
<i>Piping Release Detect Vary:</i>		NO				
<i>Spill/Overfill Prevent. Variance:</i>		NO				
<i>Stage 1 Vapor Recovery:</i>		EXEMPT BY TCEQ RULE				
<i>Stage 1 Installation Date:</i>						
<u>Piping Release Detection</u>						
<i>Vapor Monitoring:</i>		NO				
<i>Groundwater Monitoring:</i>		NO				
<i>Secondary Barrier Monitoring:</i>		NO				
<i>Interstitial Monitoring:</i>		YES				
<i>Monthly Piping Tightness Test:</i>		NO				
<i>Annual Test/Electro Monitor:</i>		NO				
<i>Triennial Tightness Test:</i>		YES				
<i>Auto Line Leak Detector:</i>		NO				
<i>SIR & Inventory Control:</i>		NO				
<i>Exempt System Suction:</i>		NO				
<u>Piping External Containment</u>						
<i>Factory Nonmetal Jacket:</i>		NO				
<i>Synth Tnk Pit/Pipe-Tren Lnr:</i>		NO				
<i>Tank Vault/Rigid Trench Liner:</i>		NO				
<i>Piping Type Code:</i>		S				
<i>Piping Type Description:</i>		Suction				
<u>Piping Material</u>						
<i>Steel:</i>		NO				
<i>FRP (Fibergla Reinfor Plastic):</i>		YES				
<i>Concrete:</i>		NO				
<i>Steel w/External Jacket:</i>		NO				
<i>Nonmetallic Flexible Piping:</i>		NO				
<u>Piping Connectors & Valves</u>						
<i>Shear/Impact Valves:</i>		NO				
<i>Steel Swing-joints:</i>		NO				
<i>Flexible Connectors:</i>		NO				
<u>Piping Corrosion Protection Method</u>						
<i>External Dielectric:</i>		NO				
<i>Cathodic Protection-Fact Inst:</i>		NO				
<i>Cathodic Protection-Field Inst:</i>		NO				
<i>Frp Tank or Piping:</i>		YES				
<i>Nonmetallic Flexible Piping:</i>		NO				
<i>Open Area/2nd Containment:</i>		NO				
<i>Dual Protected:</i>		NO				
<i>Unec per Corr Protect Spc:</i>		NO				
<i>Tank Corr Protect Compliance:</i>		YES				
<i>Piping Corr Protect Compli:</i>		YES				
<i>Tank Corr Protect Variance:</i>		NO				
<i>Piping Corr Protect Variance:</i>		NO				
<i>Temp Out of Service Comp:</i>		YES				
<i>Technical Compliance:</i>		YES				
<i>Tank Tested:</i>		YES				
<i>Installation Signature Date:</i>		09/08/1993				

Tank Information

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
---------	-------------------	-----------	------------------	----------------	------	----

UST ID:	32507				Capacity (gal):	1000
Tank ID:	21				Empty:	NO
Regulatory Status:	FULLY REGULATED				Internal Protection:	
Status:	REMOVED FROM GROUND				Design Single Wall:	YES
Status Begin Date:	11/02/1993				Design Double Wall:	NO
Installation Date:	01/01/1968				Piping Dsgn Sngl Wll:	YES
Registration Date:	05/21/1986				Piping Dsgn Dble Wll:	NO
No of Compartments:	1					

Tank Material

Steel:	YES
FRP (Fibergla Reinfor Plastic):	NO
Composite (Steel w/Ext FRP):	NO
Concrete:	NO
Steel w/External Jacket:	NO
Steel w/External Polyurethane:	NO

Tank External Containment

Factory-Built Nonmetal Jacket:	NO
Synth Tnk Pit/Pipe-Trench Lnr:	NO
Tank Vault/Rigid Trench Liner:	NO

Tank Corrosion Protection Method

External Dielectric:	NO
Cathodic Protection-Fact Inst:	NO
Cathodic Protection-Field Inst:	NO
Composite Tank:	NO
Coated Tank:	NO
FRP Tank or Piping:	NO
External Nonmetallic Jacket:	NO
Unnecessary per Corr Protect Specialist:	NO

UST Tank Compartment

UST Comprt ID:	51594	Substance Stored 1:	GASOLINE
Compartment ID:	A	Substance Stored 2:	
Capacity (gallons):	1000	Substance Stored 3:	

Compartment Release Detection

Vapor Monitoring:	NO
Groundwater Monitoring:	NO
Monitoring of Barrier:	NO
Auto Tnk Gauge Test & Inv Ctrl:	NO
Interstitial Monitor w/ Sec:	NO
Weekly Manual Gauging:	NO
Monthly Tank Gauging:	NO
SIR & Inventory Control:	NO

Spill and Overfill Prevention

Tight Fill Fit Container/Bucket:	NO
Factory Spill Container/Bucket:	NO
Delivery Shut-Off Valve:	NO
Flow Restrictor Valve:	NO
Alarm(set@<=90%) w/3a or 3b):	NO
N/A-All Deliver to Tank<=25 gal:	NO

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<i>Comp Release Detect Compli:</i>		NO				
<i>Piping Release Detect Compl:</i>		NO				
<i>Spill/Overfill Prevent Compli:</i>		NO				
<i>Comp Release Detect. Vary:</i>		NO				
<i>Piping Release Detect Vary:</i>		NO				
<i>Spill/Overfill Prevent. Variance:</i>		NO				
<i>Stage 1 Vapor Recovery:</i>						
<i>Stage 1 Installation Date:</i>						
 <u>Piping Release Detection</u>						
<i>Vapor Monitoring:</i>		NO				
<i>Groundwater Monitoring:</i>		NO				
<i>Secondary Barrier Monitoring:</i>		NO				
<i>Interstitial Monitoring:</i>		NO				
<i>Monthly Piping Tightness Test:</i>		NO				
<i>Annual Test/Electro Monitor:</i>		NO				
<i>Triennial Tightness Test:</i>		NO				
<i>Auto Line Leak Detector:</i>		NO				
<i>SIR & Inventory Control:</i>		NO				
<i>Exempt System Suction:</i>		NO				
 <u>Piping External Containment</u>						
<i>Factory Nonmetal Jacket:</i>		NO				
<i>Synth Tnk Pit/Pipe-Tren Lnr:</i>		NO				
<i>Tank Vault/Rigid Trench Liner:</i>		NO				
<i>Piping Type Code:</i>		S				
<i>Piping Type Description:</i>		Suction				
 <u>Piping Material</u>						
<i>Steel:</i>		YES				
<i>FRP (Fibergla Reinfor Plastic):</i>		NO				
<i>Concrete:</i>		NO				
<i>Steel w/External Jacket:</i>		NO				
<i>Nonmetallic Flexible Piping:</i>		NO				
 <u>Piping Connectors & Valves</u>						
<i>Shear/Impact Valves:</i>		NO				
<i>Steel Swing-joints:</i>		NO				
<i>Flexible Connectors:</i>		NO				
 <u>Piping Corrosion Protection Method</u>						
<i>External Dielectric:</i>		NO				
<i>Cathodic Protection-Fact Inst:</i>		NO				
<i>Cathodic Protection-Field Inst:</i>		NO				
<i>Frp Tank or Piping:</i>		NO				
<i>Nonmetallic Flexible Piping:</i>		NO				
<i>Open Area/2nd Containment:</i>		NO				
<i>Dual Protected:</i>		NO				
<i>Unec per Corr Protect Spc:</i>		NO				
<i>Tank Corr Protect Compliance:</i>		NO				
<i>Piping Corr Protect Compli:</i>		NO				
<i>Tank Corr Protect Variance:</i>		NO				
<i>Piping Corr Protect Variance:</i>		NO				
<i>Temp Out of Service Comp:</i>		NO				
<i>Technical Compliance:</i>		NO				
<i>Tank Tested:</i>		YES				
<i>Installation Signature Date:</i>		09/08/1993				

Tank Information

UST ID:	32490	Capacity (gal):	6000
Tank ID:	5	Empty:	NO
Regulatory Status:	EMERG POWER GENERATOR	Internal Protection:	
Status:	PERM FILLED IN PLACE	Design Single Wall:	YES
Status Begin Date:	01/26/2007	Design Double Wall:	NO
Installation Date:	01/01/1988	Piping Dsgn Sngl Wll:	NO
Registration Date:	05/21/1986	Piping Dsgn Dble Wll:	YES
No of Compartments:	1		

Tank Material

Steel:	NO
FRP (Fibergla Reinfor Plastic):	YES
Composite (Steel w/Ext FRP):	NO
Concrete:	NO
Steel w/External Jacket:	NO
Steel w/External Polyurethane:	NO

Tank External Containment

Factory-Built Nonmetal Jacket:	NO
Synth Tnk Pit/Pipe-Trench Lnr:	NO
Tank Vault/Rigid Trench Liner:	NO

Tank Corrosion Protection Method

External Dielectric:	NO
Cathodic Protection-Fact Inst:	NO
Cathodic Protection-Field Inst:	NO
Composite Tank:	NO
Coated Tank:	NO
FRP Tank or Piping:	YES
External Nonmetallic Jacket:	NO
Unnecessary per Corr Protect Specialist:	NO

UST Tank Compartment

UST Comprt ID:	51579	Substance Stored 1:	WATER
Compartment ID:	A	Substance Stored 2:	
Capacity (gallons):		Substance Stored 3:	

Compartment Release Detection

Vapor Monitoring:	NO
Groundwater Monitoring:	NO
Monitoring of Barrier:	NO
Auto Tnk Gauge Test & Inv Ctrl:	YES
Interstitial Monitor w/ Sec:	NO
Weekly Manual Gauging:	NO
Monthly Tank Gauging:	NO
SIR & Inventory Control:	NO

Spill and Overfill Prevention

Tight Fill Fit Container/Bucket:	YES
Factory Spill Container/Bucket:	YES
Delivery Shut-Off Valve:	YES
Flow Restrictor Valve:	NO

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Alarm(set@<=90%) w/3a or 3b):		NO				
N/A-All Deliver to Tank<=25 gal:		NO				
Comp Release Detect Compli:		YES				
Piping Release Detect Compl:		YES				
Spill/Overfill Prevent Compli:		YES				
Comp Release Detect. Vary:		NO				
Piping Release Detect Vary:		NO				
Spill/Overfill Prevent. Variance:		NO				
Stage 1 Vapor Recovery:		TWO POINT SYSTEM				
Stage 1 Installation Date:						

Piping Release Detection

Vapor Monitoring:	NO
Groundwater Monitoring:	NO
Secondary Barrier Monitoring:	NO
Interstitial Monitoring:	NO
Monthly Piping Tightness Test:	NO
Annual Test/Electro Monitor:	NO
Triennial Tightness Test:	YES
Auto Line Leak Detector:	NO
SIR & Inventory Control:	NO
Exempt System Suction:	NO

Piping External Containment

Factory Nonmetal Jacket:	NO
Synth Tnk Pit/Pipe-Tren Lnr:	NO
Tank Vault/Rigid Trench Liner:	NO
Piping Type Code:	S
Piping Type Description:	Suction

Piping Material

Steel:	NO
FRP (Fibergla Reinfor Plastic):	YES
Concrete:	NO
Steel w/External Jacket:	NO
Nonmetallic Flexible Piping:	NO

Piping Connectors & Valves

Shear/Impact Valves:	NO
Steel Swing-joints:	NO
Flexible Connectors:	NO

Piping Corrosion Protection Method

External Dielectric:	NO
Cathodic Protection-Fact Inst:	NO
Cathodic Protection-Field Inst:	NO
Frp Tank or Piping:	YES
Nonmetallic Flexible Piping:	NO
Open Area/2nd Containment:	NO
Dual Protected:	NO
Unec per Corr Protect Spc:	NO
Tank Corr Protect Compliance:	YES
Piping Corr Protect Compli:	YES
Tank Corr Protect Variance:	NO
Piping Corr Protect Variance:	NO
Temp Out of Service Comp:	NO
Technical Compliance:	NO
Tank Tested:	YES

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
---------	-------------------	-----------	------------------	----------------	------	----

Installation Signature Date: 09/08/1993

Tank Information

UST ID:	32494	Capacity (gal):	6000
Tank ID:	9A	Empty:	NO
Regulatory Status:	FULLY REGULATED	Internal Protection:	
Status:	REMOVED FROM GROUND	Design Single Wall:	NO
Status Begin Date:	11/19/1993	Design Double Wall:	NO
Installation Date:	01/01/1968	Piping Dsgn Sngl Wll:	NO
Registration Date:	05/21/1986	Piping Dsgn Dble Wll:	NO
No of Compartments:	1		

Tank Material

Steel:	YES
FRP (Fibergla Reinfor Plastic):	NO
Composite (Steel w/Ext FRP):	NO
Concrete:	NO
Steel w/External Jacket:	NO
Steel w/External Polyurethane:	NO

Tank External Containment

Factory-Built Nonmetal Jacket:	NO
Synth Tnk Pit/Pipe-Trench Lnr:	NO
Tank Vault/Rigid Trench Liner:	NO

Tank Corrosion Protection Method

External Dielectric:	NO
Cathodic Protection-Fact Inst:	NO
Cathodic Protection-Field Inst:	NO
Composite Tank:	NO
Coated Tank:	NO
FRP Tank or Piping:	NO
External Nonmetallic Jacket:	NO
Unnecessary per Corr Protect Specialist:	NO

UST Tank Compartment

UST Comprt ID:	51583	Substance Stored 1:	GASOLINE
Compartment ID:	A	Substance Stored 2:	
Capacity (gallons):	6000	Substance Stored 3:	

Compartment Release Detection

Vapor Monitoring:	NO
Groundwater Monitoring:	NO
Monitoring of Barrier:	NO
Auto Tnk Gauge Test & Inv Ctrl:	NO
Interstitial Monitor w/ Sec:	NO
Weekly Manual Gauging:	NO
Monthly Tank Gauging:	NO
SIR & Inventory Control:	NO

Spill and Overfill Prevention

Tight Fill Fit Container/Bucket:	NO
Factory Spill Container/Bucket:	NO

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<i>Delivery Shut-Off Valve:</i>		NO				
<i>Flow Restrictor Valve:</i>		NO				
<i>Alarm(set@<=90%) w/3a or 3b):</i>		NO				
<i>N/A-All Deliver to Tank<=25 gal:</i>		NO				
<i>Comp Release Detect Compli:</i>		NO				
<i>Piping Release Detect Compl:</i>		NO				
<i>Spill/Overfill Prevent Compli:</i>		NO				
<i>Comp Release Detect. Vary:</i>		NO				
<i>Piping Release Detect Vary:</i>		NO				
<i>Spill/Overfill Prevent. Variance:</i>		NO				
<i>Stage 1 Vapor Recovery:</i>						
<i>Stage 1 Installation Date:</i>						
 <u>Piping Release Detection</u>						
<i>Vapor Monitoring:</i>		NO				
<i>Groundwater Monitoring:</i>		NO				
<i>Secondary Barrier Monitoring:</i>		NO				
<i>Interstitial Monitoring:</i>		NO				
<i>Monthly Piping Tightness Test:</i>		NO				
<i>Annual Test/Electro Monitor:</i>		NO				
<i>Triennial Tightness Test:</i>		NO				
<i>Auto Line Leak Detector:</i>		NO				
<i>SIR & Inventory Control:</i>		NO				
<i>Exempt System Suction:</i>		NO				
 <u>Piping External Containment</u>						
<i>Factory Nonmetal Jacket:</i>		NO				
<i>Synth Tnk Pit/Pipe-Tren Lnr:</i>		NO				
<i>Tank Vault/Rigid Trench Liner:</i>		NO				
<i>Piping Type Code:</i>						
<i>Piping Type Description:</i>						
 <u>Piping Material</u>						
<i>Steel:</i>		NO				
<i>FRP (Fibergla Reinfor Plastic):</i>		YES				
<i>Concrete:</i>		NO				
<i>Steel w/External Jacket:</i>		NO				
<i>Nonmetallic Flexible Piping:</i>		NO				
 <u>Piping Connectors & Valves</u>						
<i>Shear/Impact Valves:</i>		NO				
<i>Steel Swing-joints:</i>		NO				
<i>Flexible Connectors:</i>		NO				
 <u>Piping Corrosion Protection Method</u>						
<i>External Dielectric:</i>		NO				
<i>Cathodic Protection-Fact Inst:</i>		NO				
<i>Cathodic Protection-Field Inst:</i>		NO				
<i>Frp Tank or Piping:</i>		NO				
<i>Nonmetallic Flexible Piping:</i>		NO				
<i>Open Area/2nd Containment:</i>		NO				
<i>Dual Protected:</i>		NO				
<i>Unec per Corr Protect Spc:</i>		NO				
<i>Tank Corr Protect Compliance:</i>		NO				
<i>Piping Corr Protect Compli:</i>		NO				
<i>Tank Corr Protect Variance:</i>		NO				
<i>Piping Corr Protect Variance:</i>		NO				
<i>Temp Out of Service Comp:</i>		NO				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
---------	-------------------	-----------	------------------	----------------	------	----

Technical Compliance: NO
Tank Tested: YES
Installation Signature Date: 09/08/1993

Tank Information

UST ID:	32503	Capacity (gal):	6000
Tank ID:	10	Empty:	NO
Regulatory Status:	FULLY REGULATED	Internal Protection:	
Status:	REMOVED FROM GROUND	Design Single Wall:	NO
Status Begin Date:	11/19/1993	Design Double Wall:	NO
Installation Date:	01/01/1968	Piping Dsgn Sngl Wll:	NO
Registration Date:	05/21/1986	Piping Dsgn Dble Wll:	NO
No of Compartments:	1		

Tank Material

Steel: YES
FRP (Fibergla Reinfor Plastic): NO
Composite (Steel w/Ext FRP): NO
Concrete: NO
Steel w/External Jacket: NO
Steel w/External Polyurethane: NO

Tank External Containment

Factory-Built Nonmetal Jacket: NO
Synth Tnk Pit/Pipe-Trench Lnr: NO
Tank Vault/Rigid Trench Liner: NO

Tank Corrosion Protection Method

External Dielectric: NO
Cathodic Protection-Fact Inst: NO
Cathodic Protection-Field Inst: NO
Composite Tank: NO
Coated Tank: NO
FRP Tank or Piping: NO
External Nonmetallic Jacket: NO
Unnecessary per Corr Protect Specialist: NO

UST Tank Compartment

UST Comprt ID:	51592	Substance Stored 1:	DIESEL
Compartment ID:	A	Substance Stored 2:	
Capacity (gallons):	6000	Substance Stored 3:	

Compartment Release Detection

Vapor Monitoring: NO
Groundwater Monitoring: NO
Monitoring of Barrier: NO
Auto Tnk Gauge Test & Inv Ctrl: NO
Interstitial Monitor w/ Sec: NO
Weekly Manual Gauging: NO
Monthly Tank Gauging: NO
SIR & Inventory Control: NO

Spill and Overfill Prevention

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<i>Tight Fill Fit Container/Bucket:</i>		NO				
<i>Factory Spill Container/Bucket:</i>		NO				
<i>Delivery Shut-Off Valve:</i>		NO				
<i>Flow Restrictor Valve:</i>		NO				
<i>Alarm(set@<=90%) w/3a or 3b):</i>		NO				
<i>N/A-All Deliver to Tank<=25 gal:</i>		NO				
<i>Comp Release Detect Compli:</i>		NO				
<i>Piping Release Detect Compl:</i>		NO				
<i>Spill/Overfill Prevent Compli:</i>		NO				
<i>Comp Release Detect. Vary:</i>		NO				
<i>Piping Release Detect Vary:</i>		NO				
<i>Spill/Overfill Prevent. Variance:</i>		NO				
<i>Stage 1 Vapor Recovery:</i>						
<i>Stage 1 Installation Date:</i>						
<u>Piping Release Detection</u>						
<i>Vapor Monitoring:</i>		NO				
<i>Groundwater Monitoring:</i>		NO				
<i>Secondary Barrier Monitoring:</i>		NO				
<i>Interstitial Monitoring:</i>		NO				
<i>Monthly Piping Tightness Test:</i>		NO				
<i>Annual Test/Electro Monitor:</i>		NO				
<i>Triennial Tightness Test:</i>		NO				
<i>Auto Line Leak Detector:</i>		NO				
<i>SIR & Inventory Control:</i>		NO				
<i>Exempt System Suction:</i>		NO				
<u>Piping External Containment</u>						
<i>Factory Nonmetal Jacket:</i>		NO				
<i>Synth Tnk Pit/Pipe-Tren Lnr:</i>		NO				
<i>Tank Vault/Rigid Trench Liner:</i>		NO				
<i>Piping Type Code:</i>						
<i>Piping Type Description:</i>						
<u>Piping Material</u>						
<i>Steel:</i>		NO				
<i>FRP (Fibergla Reinfor Plastic):</i>		YES				
<i>Concrete:</i>		NO				
<i>Steel w/External Jacket:</i>		NO				
<i>Nonmetallic Flexible Piping:</i>		NO				
<u>Piping Connectors & Valves</u>						
<i>Shear/Impact Valves:</i>		NO				
<i>Steel Swing-joints:</i>		NO				
<i>Flexible Connectors:</i>		NO				
<u>Piping Corrosion Protection Method</u>						
<i>External Dielectric:</i>		NO				
<i>Cathodic Protection-Fact Inst:</i>		NO				
<i>Cathodic Protection-Field Inst:</i>		NO				
<i>Frp Tank or Piping:</i>		NO				
<i>Nonmetallic Flexible Piping:</i>		NO				
<i>Open Area/2nd Containment:</i>		NO				
<i>Dual Protected:</i>		NO				
<i>Unec per Corr Protect Spc:</i>		NO				
<i>Tank Corr Protect Compliance:</i>		NO				
<i>Piping Corr Protect Compli:</i>		NO				
<i>Tank Corr Protect Variance:</i>		NO				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Piping Corr Protect Variance:		NO				
Temp Out of Service Comp:		NO				
Technical Compliance:		NO				
Tank Tested:		YES				
Installation Signature Date:		09/08/1993				

Tank Information

UST ID:	32500	Capacity (gal):	500
Tank ID:	14	Empty:	NO
Regulatory Status:	FULLY REGULATED	Internal Protection:	
Status:	REMOVED FROM GROUND	Design Single Wall:	NO
Status Begin Date:	12/01/1993	Design Double Wall:	NO
Installation Date:	01/01/1967	Piping Dsgn Sngl WII:	NO
Registration Date:	05/21/1986	Piping Dsgn Dble WII:	NO
No of Compartments:	1		

Tank Material

Steel:	YES
FRP (Fibergla Reinfor Plastic):	NO
Composite (Steel w/Ext FRP):	NO
Concrete:	NO
Steel w/External Jacket:	NO
Steel w/External Polyurethane:	NO

Tank External Containment

Factory-Built Nonmetal Jacket:	NO
Synth Tnk Pit/Pipe-Trench Lnr:	NO
Tank Vault/Rigid Trench Liner:	NO

Tank Corrosion Protection Method

External Dielectric:	NO
Cathodic Protection-Fact Inst:	NO
Cathodic Protection-Field Inst:	NO
Composite Tank:	NO
Coated Tank:	NO
FRP Tank or Piping:	NO
External Nonmetallic Jacket:	NO
Unnecessary per Corr Protect Specialist:	NO

UST Tank Compartment

UST Comprt ID:	51589	Substance Stored 1:	USED OIL
Compartment ID:	A	Substance Stored 2:	
Capacity (gallons):	500	Substance Stored 3:	

Compartment Release Detection

Vapor Monitoring:	NO
Groundwater Monitoring:	NO
Monitoring of Barrier:	NO
Auto Tnk Gauge Test & Inv Ctrl:	NO
Interstitial Monitor w/ Sec:	NO
Weekly Manual Gauging:	NO
Monthly Tank Gauging:	NO
SIR & Inventory Control:	NO

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
---------	-------------------	-----------	------------------	----------------	------	----

Spill and Overfill Prevention

Tight Fill Fit Container/Bucket: NO
 Factory Spill Container/Bucket: NO
 Delivery Shut-Off Valve: NO
 Flow Restrictor Valve: NO
 Alarm(set@<=90%) w/3a or 3b): NO
 N/A-All Deliver to Tank<=25 gal: NO
 Comp Release Detect Compli: NO
 Piping Release Detect Compl: NO
 Spill/Overfill Prevent Compli: NO
 Comp Release Detect. Vary: NO
 Piping Release Detect Vary: NO
 Spill/Overfill Prevent. Variance: NO
 Stage 1 Vapor Recovery:
 Stage 1 Installation Date:

Piping Release Detection

Vapor Monitoring: NO
 Groundwater Monitoring: NO
 Secondary Barrier Monitoring: NO
 Interstitial Monitoring: NO
 Monthly Piping Tightness Test: NO
 Annual Test/Electro Monitor: NO
 Triennial Tightness Test: NO
 Auto Line Leak Detector: NO
 SIR & Inventory Control: NO
 Exempt System Suction: NO

Piping External Containment

Factory Nonmetal Jacket: NO
 Synth Tnk Pit/Pipe-Tren Lnr: NO
 Tank Vault/Rigid Trench Liner: NO
 Piping Type Code:
 Piping Type Description:

Piping Material

Steel: YES
 FRP (Fibergla Reinfor Plastic): NO
 Concrete: NO
 Steel w/External Jacket: NO
 Nonmetallic Flexible Piping: NO

Piping Connectors & Valves

Shear/Impact Valves: NO
 Steel Swing-joints: NO
 Flexible Connectors: NO

Piping Corrosion Protection Method

External Dielectric: NO
 Cathodic Protection-Fact Inst: NO
 Cathodic Protection-Field Inst: NO
 Frp Tank or Piping: NO
 Nonmetallic Flexible Piping: NO
 Open Area/2nd Containment: NO
 Dual Protected: NO
 Unec per Corr Protect Spc: NO
 Tank Corr Protect Compliance: NO

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Piping Corr Protect Compli:		NO				
Tank Corr Protect Variance:		NO				
Piping Corr Protect Variance:		NO				
Temp Out of Service Comp:		NO				
Technical Compliance:		NO				
Tank Tested:		YES				
Installation Signature Date:		09/08/1993				

Tank Information

UST ID:	32501	Capacity (gal):	12000
Tank ID:	12	Empty:	NO
Regulatory Status:	FULLY REGULATED	Internal Protection:	
Status:	REMOVED FROM GROUND	Design Single Wall:	NO
Status Begin Date:	03/31/1994	Design Double Wall:	NO
Installation Date:	01/01/1967	Piping Dsgn Sngl Wll:	NO
Registration Date:	05/21/1986	Piping Dsgn Dble Wll:	NO
No of Compartments:	1		

Tank Material

Steel:	YES
FRP (Fibergla Reinfor Plastic):	NO
Composite (Steel w/Ext FRP):	NO
Concrete:	NO
Steel w/External Jacket:	NO
Steel w/External Polyurethane:	NO

Tank External Containment

Factory-Built Nonmetal Jacket:	NO
Synth Tnk Pit/Pipe-Trench Lnr:	NO
Tank Vault/Rigid Trench Liner:	NO

Tank Corrosion Protection Method

External Dielectric:	NO
Cathodic Protection-Fact Inst:	NO
Cathodic Protection-Field Inst:	NO
Composite Tank:	NO
Coated Tank:	NO
FRP Tank or Piping:	NO
External Nonmetallic Jacket:	NO
Unnecessary per Corr Protect Specialist:	NO

UST Tank Compartment

UST Comprt ID:	51590	Substance Stored 1:	DIESEL
Compartment ID:	A	Substance Stored 2:	
Capacity (gallons):	12000	Substance Stored 3:	

Compartment Release Detection

Vapor Monitoring:	NO
Groundwater Monitoring:	NO
Monitoring of Barrier:	NO
Auto Tnk Gauge Test & Inv Ctrl:	NO
Interstitial Monitor w/ Sec:	NO
Weekly Manual Gauging:	NO
Monthly Tank Gauging:	NO
SIR & Inventory Control:	NO

Spill and Overfill Prevention

Tight Fill Fit Container/Bucket: NO
 Factory Spill Container/Bucket: NO
 Delivery Shut-Off Valve: NO
 Flow Restrictor Valve: NO
 Alarm(set@<=90%) w/3a or 3b): NO
 N/A-All Deliver to Tank<=25 gal: NO
 Comp Release Detect Compli: NO
 Piping Release Detect Compli: NO
 Spill/Overfill Prevent Compli: NO
 Comp Release Detect. Vary: NO
 Piping Release Detect Vary: NO
 Spill/Overfill Prevent. Variance: NO
 Stage 1 Vapor Recovery:
 Stage 1 Installation Date:

Piping Release Detection

Vapor Monitoring: NO
 Groundwater Monitoring: NO
 Secondary Barrier Monitoring: NO
 Interstitial Monitoring: NO
 Monthly Piping Tightness Test: NO
 Annual Test/Electro Monitor: NO
 Triennial Tightness Test: NO
 Auto Line Leak Detector: NO
 SIR & Inventory Control: NO
 Exempt System Suction: NO

Piping External Containment

Factory Nonmetal Jacket: NO
 Synth Tnk Pit/Pipe-Tren Lnr: NO
 Tank Vault/Rigid Trench Liner: NO
 Piping Type Code:
 Piping Type Description:

Piping Material

Steel: YES
 FRP (Fibergla Reinfor Plastic): NO
 Concrete: NO
 Steel w/External Jacket: NO
 Nonmetallic Flexible Piping: NO

Piping Connectors & Valves

Shear/Impact Valves: NO
 Steel Swing-joints: NO
 Flexible Connectors: NO

Piping Corrosion Protection Method

External Dielectric: NO
 Cathodic Protection-Fact Inst: NO
 Cathodic Protection-Field Inst: NO
 Frp Tank or Piping: NO
 Nonmetallic Flexible Piping: NO
 Open Area/2nd Containment: NO
 Dual Protected: NO

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<i>Unec per Corr Protect Spc:</i>		NO				
<i>Tank Corr Protect Compliance:</i>		NO				
<i>Piping Corr Protect Compli:</i>		NO				
<i>Tank Corr Protect Variance:</i>		NO				
<i>Piping Corr Protect Variance:</i>		NO				
<i>Temp Out of Service Comp:</i>		NO				
<i>Technical Compliance:</i>		NO				
<i>Tank Tested:</i>		YES				
<i>Installation Signature Date:</i>		09/08/1993				

Tank Information

<i>UST ID:</i>	32499	<i>Capacity (gal):</i>	1000
<i>Tank ID:</i>	6A	<i>Empty:</i>	NO
<i>Regulatory Status:</i>	EMERG POWER GENERATOR	<i>Internal Protection:</i>	
<i>Status:</i>	REMOVED FROM GROUND	<i>Design Single Wall:</i>	YES
<i>Status Begin Date:</i>	12/01/2003	<i>Design Double Wall:</i>	NO
<i>Installation Date:</i>	09/01/1990	<i>Piping Dsgn Sngl Wll:</i>	NO
<i>Registration Date:</i>	05/21/1986	<i>Piping Dsgn Dble Wll:</i>	YES
<i>No of Compartments:</i>	1		

Tank Material

<i>Steel:</i>	NO
<i>FRP (Fibergla Reinfor Plastic):</i>	YES
<i>Composite (Steel w/Ext FRP):</i>	NO
<i>Concrete:</i>	NO
<i>Steel w/External Jacket:</i>	NO
<i>Steel w/External Polyurethane:</i>	NO

Tank External Containment

<i>Factory-Built Nonmetal Jacket:</i>	NO
<i>Synth Tnk Pit/Pipe-Trench Lnr:</i>	NO
<i>Tank Vault/Rigid Trench Liner:</i>	NO

Tank Corrosion Protection Method

<i>External Dielectric:</i>	NO
<i>Cathodic Protection-Fact Inst:</i>	NO
<i>Cathodic Protection-Field Inst:</i>	NO
<i>Composite Tank:</i>	NO
<i>Coated Tank:</i>	NO
<i>FRP Tank or Piping:</i>	YES
<i>External Nonmetallic Jacket:</i>	NO
<i>Unnecessary per Corr Protect Specialist:</i>	NO

UST Tank Compartment

<i>UST Comprt ID:</i>	51588	<i>Substance Stored 1:</i>	DIESEL
<i>Compartment ID:</i>	A	<i>Substance Stored 2:</i>	
<i>Capacity (gallons):</i>	1000	<i>Substance Stored 3:</i>	

Compartment Release Detection

<i>Vapor Monitoring:</i>	NO
<i>Groundwater Monitoring:</i>	NO
<i>Monitoring of Barrier:</i>	NO
<i>Auto Tnk Gauge Test & Inv Ctrl:</i>	YES
<i>Interstitial Monitor w/ Sec:</i>	NO
<i>Weekly Manual Gauging:</i>	NO

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Monthly Tank Gauging:		NO				
SIR & Inventory Control:		NO				
<u>Spill and Overfill Prevention</u>						
Tight Fill Fit Container/Bucket:		YES				
Factory Spill Container/Bucket:		YES				
Delivery Shut-Off Valve:		YES				
Flow Restrictor Valve:		NO				
Alarm(set@<=90%) w/3a or 3b):		NO				
N/A-All Deliver to Tank<=25 gal:		NO				
Comp Release Detect Compli:		YES				
Piping Release Detect Compl:		NO				
Spill/Overfill Prevent Compli:		YES				
Comp Release Detect. Vary:		NO				
Piping Release Detect Vary:		NO				
Spill/Overfill Prevent. Variance:		NO				
Stage 1 Vapor Recovery:		EXEMPT BY TCEQ RULE				
Stage 1 Installation Date:						
<u>Piping Release Detection</u>						
Vapor Monitoring:		NO				
Groundwater Monitoring:		NO				
Secondary Barrier Monitoring:		NO				
Interstitial Monitoring:		NO				
Monthly Piping Tightness Test:		NO				
Annual Test/Electro Monitor:		NO				
Triennial Tightness Test:		NO				
Auto Line Leak Detector:		YES				
SIR & Inventory Control:		NO				
Exempt System Suction:		NO				
<u>Piping External Containment</u>						
Factory Nonmetal Jacket:		NO				
Synth Tnk Pit/Pipe-Tren Lnr:		NO				
Tank Vault/Rigid Trench Liner:		NO				
Piping Type Code:		S				
Piping Type Description:		Suction				
<u>Piping Material</u>						
Steel:		NO				
FRP (Fibergla Reinfor Plastic):		YES				
Concrete:		NO				
Steel w/External Jacket:		NO				
Nonmetallic Flexible Piping:		NO				
<u>Piping Connectors & Valves</u>						
Shear/Impact Valves:		NO				
Steel Swing-joints:		NO				
Flexible Connectors:		NO				
<u>Piping Corrosion Protection Method</u>						
External Dielectric:		NO				
Cathodic Protection-Fact Inst:		NO				
Cathodic Protection-Field Inst:		NO				
Frp Tank or Piping:		YES				
Nonmetallic Flexible Piping:		NO				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Open Area/2nd Containment:		NO				
Dual Protected:		NO				
Unec per Corr Protect Spc:		NO				
Tank Corr Protect Compliance:		YES				
Piping Corr Protect Compli:		YES				
Tank Corr Protect Variance:		NO				
Piping Corr Protect Variance:		NO				
Temp Out of Service Comp:		NO				
Technical Compliance:		NO				
Tank Tested:		YES				
Installation Signature Date:		09/08/1993				

Tank Information

UST ID:	32502	Capacity (gal):	1000
Tank ID:	13	Empty:	NO
Regulatory Status:	FULLY REGULATED	Internal Protection:	
Status:	REMOVED FROM GROUND	Design Single Wall:	NO
Status Begin Date:	12/01/1993	Design Double Wall:	NO
Installation Date:	01/01/1967	Piping Dsgn Sngl Wll:	NO
Registration Date:	05/21/1986	Piping Dsgn Dble Wll:	NO
No of Compartments:	1		

Tank Material

Steel:	YES
FRP (Fibergla Reinfor Plastic):	NO
Composite (Steel w/Ext FRP):	NO
Concrete:	NO
Steel w/External Jacket:	NO
Steel w/External Polyurethane:	NO

Tank External Containment

Factory-Built Nonmetal Jacket:	NO
Synth Tnk Pit/Pipe-Trench Lnr:	NO
Tank Vault/Rigid Trench Liner:	NO

Tank Corrosion Protection Method

External Dielectric:	NO
Cathodic Protection-Fact Inst:	NO
Cathodic Protection-Field Inst:	NO
Composite Tank:	NO
Coated Tank:	NO
FRP Tank or Piping:	NO
External Nonmetallic Jacket:	NO
Unnecessary per Corr Protect Specialist:	NO

UST Tank Compartment

UST Comprt ID:	51591	Substance Stored 1:	SUMP WASTE
Compartment ID:	A	Substance Stored 2:	
Capacity (gallons):	1000	Substance Stored 3:	

Compartment Release Detection

Vapor Monitoring:	NO
Groundwater Monitoring:	NO
Monitoring of Barrier:	NO
Auto Tnk Gauge Test & Inv Ctrl:	NO

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<i>Interstitial Monitor w/ Sec:</i>		NO				
<i>Weekly Manual Gauging:</i>		NO				
<i>Monthly Tank Gauging:</i>		NO				
<i>SIR & Inventory Control:</i>		NO				
 <u>Spill and Overfill Prevention</u>						
<i>Tight Fill Fit Container/Bucket:</i>		NO				
<i>Factory Spill Container/Bucket:</i>		NO				
<i>Delivery Shut-Off Valve:</i>		NO				
<i>Flow Restrictor Valve:</i>		NO				
<i>Alarm(set@<=90%) w/3a or 3b):</i>		NO				
<i>N/A-All Deliver to Tank<=25 gal:</i>		NO				
<i>Comp Release Detect Compli:</i>		NO				
<i>Piping Release Detect Compli:</i>		NO				
<i>Spill/Overfill Prevent Compli:</i>		NO				
<i>Comp Release Detect. Vary:</i>		NO				
<i>Piping Release Detect Vary:</i>		NO				
<i>Spill/Overfill Prevent. Variance:</i>		NO				
<i>Stage 1 Vapor Recovery:</i>						
<i>Stage 1 Installation Date:</i>						
 <u>Piping Release Detection</u>						
<i>Vapor Monitoring:</i>		NO				
<i>Groundwater Monitoring:</i>		NO				
<i>Secondary Barrier Monitoring:</i>		NO				
<i>Interstitial Monitoring:</i>		NO				
<i>Monthly Piping Tightness Test:</i>		NO				
<i>Annual Test/Electro Monitor:</i>		NO				
<i>Triennial Tightness Test:</i>		NO				
<i>Auto Line Leak Detector:</i>		NO				
<i>SIR & Inventory Control:</i>		NO				
<i>Exempt System Suction:</i>		NO				
 <u>Piping External Containment</u>						
<i>Factory Nonmetal Jacket:</i>		NO				
<i>Synth Tnk Pit/Pipe-Tren Lnr:</i>		NO				
<i>Tank Vault/Rigid Trench Liner:</i>		NO				
<i>Piping Type Code:</i>						
<i>Piping Type Description:</i>						
 <u>Piping Material</u>						
<i>Steel:</i>		YES				
<i>FRP (Fibergla Reinfor Plastic):</i>		NO				
<i>Concrete:</i>		NO				
<i>Steel w/External Jacket:</i>		NO				
<i>Nonmetallic Flexible Piping:</i>		NO				
 <u>Piping Connectors & Valves</u>						
<i>Shear/Impact Valves:</i>		NO				
<i>Steel Swing-joints:</i>		NO				
<i>Flexible Connectors:</i>		NO				
 <u>Piping Corrosion Protection Method</u>						
<i>External Dielectric:</i>		NO				
<i>Cathodic Protection-Fact Inst:</i>		NO				
<i>Cathodic Protection-Field Inst:</i>		NO				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<i>Frp Tank or Piping:</i>		NO				
<i>Nonmetallic Flexible Piping:</i>		NO				
<i>Open Area/2nd Containment:</i>		NO				
<i>Dual Protected:</i>		NO				
<i>Unec per Corr Protect Spc:</i>		NO				
<i>Tank Corr Protect Compliance:</i>		NO				
<i>Piping Corr Protect Compli:</i>		NO				
<i>Tank Corr Protect Variance:</i>		NO				
<i>Piping Corr Protect Variance:</i>		NO				
<i>Temp Out of Service Comp:</i>		NO				
<i>Technical Compliance:</i>		NO				
<i>Tank Tested:</i>		YES				
<i>Installation Signature Date:</i>		09/08/1993				

Tank Information

<i>UST ID:</i>	32498	<i>Capacity (gal):</i>	25000
<i>Tank ID:</i>	15	<i>Empty:</i>	NO
<i>Regulatory Status:</i>	FULLY REGULATED	<i>Internal Protection:</i>	
<i>Status:</i>	REMOVED FROM GROUND	<i>Design Single Wall:</i>	NO
<i>Status Begin Date:</i>	03/31/1994	<i>Design Double Wall:</i>	NO
<i>Installation Date:</i>	01/01/1967	<i>Piping Dsgn Sngl Wll:</i>	NO
<i>Registration Date:</i>	05/21/1986	<i>Piping Dsgn Dble Wll:</i>	NO
<i>No of Compartments:</i>	1		

Tank Material

<i>Steel:</i>	YES
<i>FRP (Fibergla Reinfor Plastic):</i>	NO
<i>Composite (Steel w/Ext FRP):</i>	NO
<i>Concrete:</i>	NO
<i>Steel w/External Jacket:</i>	NO
<i>Steel w/External Polyurethane:</i>	NO

Tank External Containment

<i>Factory-Built Nonmetal Jacket:</i>	NO
<i>Synth Tnk Pit/Pipe-Trench Lnr:</i>	NO
<i>Tank Vault/Rigid Trench Liner:</i>	NO

Tank Corrosion Protection Method

<i>External Dielectric:</i>	NO
<i>Cathodic Protection-Fact Inst:</i>	NO
<i>Cathodic Protection-Field Inst:</i>	NO
<i>Composite Tank:</i>	NO
<i>Coated Tank:</i>	NO
<i>FRP Tank or Piping:</i>	NO
<i>External Nonmetallic Jacket:</i>	NO
<i>Unnecessary per Corr Protect Specialist:</i>	NO

UST Tank Compartment

<i>UST Comprt ID:</i>	51587	<i>Substance Stored 1:</i>	GASOLINE
<i>Compartment ID:</i>	A	<i>Substance Stored 2:</i>	
<i>Capacity (gallons):</i>	25000	<i>Substance Stored 3:</i>	

Compartment Release Detection

<i>Vapor Monitoring:</i>	NO
<i>Groundwater Monitoring:</i>	NO

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<i>Monitoring of Barrier:</i>		NO				
<i>Auto Tnk Gauge Test & Inv Ctrl:</i>		NO				
<i>Interstitial Monitor w/ Sec:</i>		NO				
<i>Weekly Manual Gauging:</i>		NO				
<i>Monthly Tank Gauging:</i>		NO				
<i>SIR & Inventory Control:</i>		NO				
 <u>Spill and Overfill Prevention</u>						
<i>Tight Fill Fit Container/Bucket:</i>		NO				
<i>Factory Spill Container/Bucket:</i>		NO				
<i>Delivery Shut-Off Valve:</i>		NO				
<i>Flow Restrictor Valve:</i>		NO				
<i>Alarm(set@<=90%) w/3a or 3b):</i>		NO				
<i>N/A-All Deliver to Tank<=25 gal:</i>		NO				
<i>Comp Release Detect Compli:</i>		NO				
<i>Piping Release Detect Compl:</i>		NO				
<i>Spill/Overfill Prevent Compli:</i>		NO				
<i>Comp Release Detect. Vary:</i>		NO				
<i>Piping Release Detect Vary:</i>		NO				
<i>Spill/Overfill Prevent. Variance:</i>		NO				
<i>Stage 1 Vapor Recovery:</i>						
<i>Stage 1 Installation Date:</i>						
 <u>Piping Release Detection</u>						
<i>Vapor Monitoring:</i>		NO				
<i>Groundwater Monitoring:</i>		NO				
<i>Secondary Barrier Monitoring:</i>		NO				
<i>Interstitial Monitoring:</i>		NO				
<i>Monthly Piping Tightness Test:</i>		NO				
<i>Annual Test/Electro Monitor:</i>		NO				
<i>Triennial Tightness Test:</i>		NO				
<i>Auto Line Leak Detector:</i>		NO				
<i>SIR & Inventory Control:</i>		NO				
<i>Exempt System Suction:</i>		NO				
 <u>Piping External Containment</u>						
<i>Factory Nonmetal Jacket:</i>		NO				
<i>Synth Tnk Pit/Pipe-Tren Lnr:</i>		NO				
<i>Tank Vault/Rigid Trench Liner:</i>		NO				
<i>Piping Type Code:</i>						
<i>Piping Type Description:</i>						
 <u>Piping Material</u>						
<i>Steel:</i>		YES				
<i>FRP (Fibergla Reinfor Plastic):</i>		NO				
<i>Concrete:</i>		NO				
<i>Steel w/External Jacket:</i>		NO				
<i>Nonmetallic Flexible Piping:</i>		NO				
 <u>Piping Connectors & Valves</u>						
<i>Shear/Impact Valves:</i>		NO				
<i>Steel Swing-joints:</i>		NO				
<i>Flexible Connectors:</i>		NO				
 <u>Piping Corrosion Protection Method</u>						
<i>External Dielectric:</i>		NO				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<i>Cathodic Protection-Fact Inst:</i>		NO				
<i>Cathodic Protection-Field Inst:</i>		NO				
<i>Frp Tank or Piping:</i>		NO				
<i>Nonmetallic Flexible Piping:</i>		NO				
<i>Open Area/2nd Containment:</i>		NO				
<i>Dual Protected:</i>		NO				
<i>Unec per Corr Protect Spc:</i>		NO				
<i>Tank Corr Protect Compliance:</i>		NO				
<i>Piping Corr Protect Compli:</i>		NO				
<i>Tank Corr Protect Variance:</i>		NO				
<i>Piping Corr Protect Variance:</i>		NO				
<i>Temp Out of Service Comp:</i>		NO				
<i>Technical Compliance:</i>		NO				
<i>Tank Tested:</i>		YES				
<i>Installation Signature Date:</i>		09/08/1993				

Inactive UST Information

<i>Fac ID:</i>	12461	<i>Own Cont F Name:</i>	GABRIEL
<i>Tank ID:</i>	12	<i>Own Cont L Name:</i>	MUSSIO
<i>Tank Status:</i>	REMOVED FROM GROUND	<i>Own Org Name:</i>	CITY OF HOUSTON
<i>Tank Capacity (Gal):</i>	12000	<i>Own Mailing Address:</i>	PO BOX 61189
<i>Facility Name:</i>	GEORGE BUSH INTERCONTINENTAL AIRPORT	<i>Own Cont City:</i>	HOUSTON
<i>Facility Address:</i>	4500 WILL CLAYTON PKWY	<i>Own Cont State:</i>	TX
<i>Facility City:</i>	HOUSTON	<i>Own Cont Zip:</i>	77208
<i>Facility Nearest City:</i>		<i>Own Cont Area Code:</i>	
<i>County:</i>	HARRIS	<i>Own Cont Phone:</i>	
<i>Facility Zip:</i>	77032	<i>TCEQ Region:</i>	12
<i>Facility Local Zip:</i>	77032		
<i>Fac Local Desc:</i>			

Inactive UST Information

<i>Fac ID:</i>	12461	<i>Own Cont F Name:</i>	GABRIEL
<i>Tank ID:</i>	11	<i>Own Cont L Name:</i>	MUSSIO
<i>Tank Status:</i>	REMOVED FROM GROUND	<i>Own Org Name:</i>	CITY OF HOUSTON
<i>Tank Capacity (Gal):</i>	12000	<i>Own Mailing Address:</i>	PO BOX 61189
<i>Facility Name:</i>	GEORGE BUSH INTERCONTINENTAL AIRPORT	<i>Own Cont City:</i>	HOUSTON
<i>Facility Address:</i>	4500 WILL CLAYTON PKWY	<i>Own Cont State:</i>	TX
<i>Facility City:</i>	HOUSTON	<i>Own Cont Zip:</i>	77208
<i>Facility Nearest City:</i>		<i>Own Cont Area Code:</i>	
<i>County:</i>	HARRIS	<i>Own Cont Phone:</i>	
<i>Facility Zip:</i>	77032	<i>TCEQ Region:</i>	12
<i>Facility Local Zip:</i>	77032		
<i>Fac Local Desc:</i>			

Inactive UST Information

<i>Fac ID:</i>	12461	<i>Own Cont F Name:</i>	GABRIEL
<i>Tank ID:</i>	5	<i>Own Cont L Name:</i>	MUSSIO
<i>Tank Status:</i>	PERM FILLED IN PLACE	<i>Own Org Name:</i>	CITY OF HOUSTON
<i>Tank Capacity (Gal):</i>	6000	<i>Own Mailing Address:</i>	PO BOX 61189
<i>Facility Name:</i>	GEORGE BUSH INTERCONTINENTAL AIRPORT	<i>Own Cont City:</i>	HOUSTON
<i>Facility Address:</i>	4500 WILL CLAYTON PKWY	<i>Own Cont State:</i>	TX
<i>Facility City:</i>	HOUSTON	<i>Own Cont Zip:</i>	77208
<i>Facility Nearest City:</i>		<i>Own Cont Area Code:</i>	
<i>County:</i>	HARRIS	<i>Own Cont Phone:</i>	
<i>Facility Zip:</i>	77032	<i>TCEQ Region:</i>	12
<i>Facility Local Zip:</i>	77032		
<i>Fac Local Desc:</i>			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
---------	-------------------	-----------	------------------	----------------	------	----

Inactive UST Information

Fac ID:	12461	Own Cont F Name:	GABRIEL
Tank ID:	6B	Own Cont L Name:	MUSSIO
Tank Status:	REMOVED FROM GROUND	Own Org Name:	CITY OF HOUSTON
Tank Capacity (Gal):	4000	Own Mailing Address:	PO BOX 61189
Facility Name:	GEORGE BUSH INTERCONTINENTAL AIRPORT	Own Cont City:	HOUSTON
Facility Address:	4500 WILL CLAYTON PKWY	Own Cont State:	TX
Facility City:	HOUSTON	Own Cont Zip:	77208
Facility Nearest City:		Own Cont Area Code:	
County:	HARRIS	Own Cont Phone:	
Facility Zip:	77032	TCEQ Region:	12
Facility Local Zip:	77032		
Fac Local Desc:			

Inactive UST Information

Fac ID:	12461	Own Cont F Name:	GABRIEL
Tank ID:	9A	Own Cont L Name:	MUSSIO
Tank Status:	REMOVED FROM GROUND	Own Org Name:	CITY OF HOUSTON
Tank Capacity (Gal):	6000	Own Mailing Address:	PO BOX 61189
Facility Name:	GEORGE BUSH INTERCONTINENTAL AIRPORT	Own Cont City:	HOUSTON
Facility Address:	4500 WILL CLAYTON PKWY	Own Cont State:	TX
Facility City:	HOUSTON	Own Cont Zip:	77208
Facility Nearest City:		Own Cont Area Code:	
County:	HARRIS	Own Cont Phone:	
Facility Zip:	77032	TCEQ Region:	12
Facility Local Zip:	77032		
Fac Local Desc:			

Inactive UST Information

Fac ID:	12461	Own Cont F Name:	GABRIEL
Tank ID:	13	Own Cont L Name:	MUSSIO
Tank Status:	REMOVED FROM GROUND	Own Org Name:	CITY OF HOUSTON
Tank Capacity (Gal):	1000	Own Mailing Address:	PO BOX 61189
Facility Name:	GEORGE BUSH INTERCONTINENTAL AIRPORT	Own Cont City:	HOUSTON
Facility Address:	4500 WILL CLAYTON PKWY	Own Cont State:	TX
Facility City:	HOUSTON	Own Cont Zip:	77208
Facility Nearest City:		Own Cont Area Code:	
County:	HARRIS	Own Cont Phone:	
Facility Zip:	77032	TCEQ Region:	12
Facility Local Zip:	77032		
Fac Local Desc:			

Inactive UST Information

Fac ID:	12461	Own Cont F Name:	GABRIEL
Tank ID:	14	Own Cont L Name:	MUSSIO
Tank Status:	REMOVED FROM GROUND	Own Org Name:	CITY OF HOUSTON
Tank Capacity (Gal):	500	Own Mailing Address:	PO BOX 61189
Facility Name:	GEORGE BUSH INTERCONTINENTAL AIRPORT	Own Cont City:	HOUSTON
Facility Address:	4500 WILL CLAYTON PKWY	Own Cont State:	TX
Facility City:	HOUSTON	Own Cont Zip:	77208
Facility Nearest City:		Own Cont Area Code:	
County:	HARRIS	Own Cont Phone:	
Facility Zip:	77032	TCEQ Region:	12
Facility Local Zip:	77032		
Fac Local Desc:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
---------	-------------------	-----------	------------------	----------------	------	----

Inactive UST Information

Fac ID:	12461	Own Cont F Name:	GABRIEL
Tank ID:	4A	Own Cont L Name:	MUSSIO
Tank Status:	REMOVED FROM GROUND	Own Org Name:	CITY OF HOUSTON
Tank Capacity (Gal):	8000	Own Mailing Address:	PO BOX 61189
Facility Name:	GEORGE BUSH INTERCONTINENTAL AIRPORT	Own Cont City:	HOUSTON
Facility Address:	4500 WILL CLAYTON PKWY	Own Cont State:	TX
Facility City:	HOUSTON	Own Cont Zip:	77208
Facility Nearest City:		Own Cont Area Code:	
County:	HARRIS	Own Cont Phone:	
Facility Zip:	77032	TCEQ Region:	12
Facility Local Zip:	77032		
Fac Local Desc:			

Inactive UST Information

Fac ID:	12461	Own Cont F Name:	GABRIEL
Tank ID:	6A	Own Cont L Name:	MUSSIO
Tank Status:	REMOVED FROM GROUND	Own Org Name:	CITY OF HOUSTON
Tank Capacity (Gal):	1000	Own Mailing Address:	PO BOX 61189
Facility Name:	GEORGE BUSH INTERCONTINENTAL AIRPORT	Own Cont City:	HOUSTON
Facility Address:	4500 WILL CLAYTON PKWY	Own Cont State:	TX
Facility City:	HOUSTON	Own Cont Zip:	77208
Facility Nearest City:		Own Cont Area Code:	
County:	HARRIS	Own Cont Phone:	
Facility Zip:	77032	TCEQ Region:	12
Facility Local Zip:	77032		
Fac Local Desc:			

Inactive UST Information

Fac ID:	12461	Own Cont F Name:	GABRIEL
Tank ID:	10	Own Cont L Name:	MUSSIO
Tank Status:	REMOVED FROM GROUND	Own Org Name:	CITY OF HOUSTON
Tank Capacity (Gal):	6000	Own Mailing Address:	PO BOX 61189
Facility Name:	GEORGE BUSH INTERCONTINENTAL AIRPORT	Own Cont City:	HOUSTON
Facility Address:	4500 WILL CLAYTON PKWY	Own Cont State:	TX
Facility City:	HOUSTON	Own Cont Zip:	77208
Facility Nearest City:		Own Cont Area Code:	
County:	HARRIS	Own Cont Phone:	
Facility Zip:	77032	TCEQ Region:	12
Facility Local Zip:	77032		
Fac Local Desc:			

Inactive UST Information

Fac ID:	12461	Own Cont F Name:	GABRIEL
Tank ID:	15	Own Cont L Name:	MUSSIO
Tank Status:	REMOVED FROM GROUND	Own Org Name:	CITY OF HOUSTON
Tank Capacity (Gal):	25000	Own Mailing Address:	PO BOX 61189
Facility Name:	GEORGE BUSH INTERCONTINENTAL AIRPORT	Own Cont City:	HOUSTON
Facility Address:	4500 WILL CLAYTON PKWY	Own Cont State:	TX
Facility City:	HOUSTON	Own Cont Zip:	77208
Facility Nearest City:		Own Cont Area Code:	
County:	HARRIS	Own Cont Phone:	
Facility Zip:	77032	TCEQ Region:	12
Facility Local Zip:	77032		
Fac Local Desc:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
---------	-------------------	-----------	------------------	----------------	------	----

Inactive UST Information

Fac ID:	12461	Own Cont F Name:	GABRIEL
Tank ID:	2A	Own Cont L Name:	MUSSIO
Tank Status:	REMOVED FROM GROUND	Own Org Name:	CITY OF HOUSTON
Tank Capacity (Gal):	3000	Own Mailing Address:	PO BOX 61189
Facility Name:	GEORGE BUSH INTERCONTINENTAL AIRPORT	Own Cont City:	HOUSTON
Facility Address:	4500 WILL CLAYTON PKWY	Own Cont State:	TX
Facility City:	HOUSTON	Own Cont Zip:	77208
Facility Nearest City:		Own Cont Area Code:	
County:	HARRIS	Own Cont Phone:	
Facility Zip:	77032	TCEQ Region:	12
Facility Local Zip:	77032		
Fac Local Desc:			

Inactive UST Information

Fac ID:	12461	Own Cont F Name:	GABRIEL
Tank ID:	1A	Own Cont L Name:	MUSSIO
Tank Status:	REMOVED FROM GROUND	Own Org Name:	CITY OF HOUSTON
Tank Capacity (Gal):	3000	Own Mailing Address:	PO BOX 61189
Facility Name:	GEORGE BUSH INTERCONTINENTAL AIRPORT	Own Cont City:	HOUSTON
Facility Address:	4500 WILL CLAYTON PKWY	Own Cont State:	TX
Facility City:	HOUSTON	Own Cont Zip:	77208
Facility Nearest City:		Own Cont Area Code:	
County:	HARRIS	Own Cont Phone:	
Facility Zip:	77032	TCEQ Region:	12
Facility Local Zip:	77032		
Fac Local Desc:			

Inactive UST Information

Fac ID:	12461	Own Cont F Name:	GABRIEL
Tank ID:	3A	Own Cont L Name:	MUSSIO
Tank Status:	REMOVED FROM GROUND	Own Org Name:	CITY OF HOUSTON
Tank Capacity (Gal):	1000	Own Mailing Address:	PO BOX 61189
Facility Name:	GEORGE BUSH INTERCONTINENTAL AIRPORT	Own Cont City:	HOUSTON
Facility Address:	4500 WILL CLAYTON PKWY	Own Cont State:	TX
Facility City:	HOUSTON	Own Cont Zip:	77208
Facility Nearest City:		Own Cont Area Code:	
County:	HARRIS	Own Cont Phone:	
Facility Zip:	77032	TCEQ Region:	12
Facility Local Zip:	77032		
Fac Local Desc:			

Inactive UST Information

Fac ID:	12461	Own Cont F Name:	GABRIEL
Tank ID:	21	Own Cont L Name:	MUSSIO
Tank Status:	REMOVED FROM GROUND	Own Org Name:	CITY OF HOUSTON
Tank Capacity (Gal):	1000	Own Mailing Address:	PO BOX 61189
Facility Name:	GEORGE BUSH INTERCONTINENTAL AIRPORT	Own Cont City:	HOUSTON
Facility Address:	4500 WILL CLAYTON PKWY	Own Cont State:	TX
Facility City:	HOUSTON	Own Cont Zip:	77208
Facility Nearest City:		Own Cont Area Code:	
County:	HARRIS	Own Cont Phone:	
Facility Zip:	77032	TCEQ Region:	12
Facility Local Zip:	77032		
Fac Local Desc:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
---------	-------------------	-----------	------------------	----------------	------	----

Inactive UST Information

Fac ID:	12461	Own Cont F Name:	GABRIEL
Tank ID:	7A	Own Cont L Name:	MUSSIO
Tank Status:	REMOVED FROM GROUND	Own Org Name:	CITY OF HOUSTON
Tank Capacity (Gal):	1000	Own Mailing Address:	PO BOX 61189
Facility Name:	GEORGE BUSH INTERCONTINENTAL AIRPORT	Own Cont City:	HOUSTON
Facility Address:	4500 WILL CLAYTON PKWY	Own Cont State:	TX
Facility City:	HOUSTON	Own Cont Zip:	77208
Facility Nearest City:		Own Cont Area Code:	
County:	HARRIS	Own Cont Phone:	
Facility Zip:	77032	TCEQ Region:	12
Facility Local Zip:	77032		
Fac Local Desc:			

Owner

Owner CN:	CN600128995
Owner First Name:	
Middle Name:	
Comp or Own Last Name:	CITY OF HOUSTON
Owner Effective Begin Date:	08/01/1986
Owner Type Code:	CI
Owner Type Description:	City Government
State Tax ID:	
Contact Role:	OWNOPRCON
Contact First Name:	GABRIEL
Contact Middle Name:	
Contact Last Name:	MUSSIO
Contact Title:	DIVISION MANAGER
Contact Organization Name:	CITY OF HOUSTON
Mailing Address (Delivery):	PO BOX 61189
Mailing Addr (Int Delivery):	
Mailing City:	HOUSTON
Mailing State:	TX
Mailing Zip:	77208
Mailing Zip Ext:	1189
Phone Area Code:	832
Phone No:	3938079
Phone Ext:	0
Fax Area Code:	
Fax No:	
Fax Ext:	
Email:	

Operator

Operator CN:	CN600128995
Operator First Name:	
Operator Middle Name:	
Comp or Opr Last Name:	CITY OF HOUSTON
Operator Effective Begin Date:	08/01/1986
Operator Type Code:	CI
Operator Type Description:	City Government
Contact Role:	OPRCON
Contact First Name:	BRAXTON
Contact Middle Name:	
Contact Last Name:	COLES
Contact Title:	
Contact Organization Name:	CITY OF HOUSTON
Mailing Address (Delivery):	901 BAGBY ST
Address Internal (Delivery):	
Mailing City:	HOUSTON
Mailing State:	TX
Mailing Zip:	77002

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Mailing Zip Ext:		2526				
Phone Area Code:		832				
Phone No:		3954722				
Phone Ext:		0				
Fax Area Code:						
Fax No:						
Fax Ext:						
Email:		TAS@HOUSTONTX.GOV				

Facility Billing Contacts

AR No:	6049
AR No Suffix(U=UST fee code):	A
AR No Suffix(A=AST fee code):	U
Contact First Name:	GABRIEL
Contact Middle Name:	
Contact Last Name:	MUSSIO
Contact Title:	
Contact Organization Name:	CITY OF HOUSTON
Mailing Address (Delivery):	PO BOX 61189
Mailing Addr (Int Delivery):	
Mailing City:	HOUSTON
Mailing State:	TX
Mailing Zip:	77208
Mailing Zip Ext:	1189
Phone Area Code:	
Phone No:	
Phone Ext:	
Fax Area Code:	
Fax No:	
Fax No Ext:	
Email:	
Contact Address Deliverable:	YES

TCEQ GIS Data Details

Fac ID:	12461	TCEQ Region:	REGION 12 - HOUSTON
PST ID:	0012461	Horz Meth:	GPS_DIFF
LPST ID:		Horz Acc:	5
TDA PST ID:		Horz Ref:	
UST Type:	EMERG POWER GENERATOR	Horz Date:	2012/08/09 00:00:00+00
Approved Date:	2021/08/30 00:00:00+00	Horz Org:	UTA
Energy Act:	Yes	Horz Datum:	NAD83
No. of Active UST:	7	X:	-95.323412999
RN:	RN102387511	Y:	29.981704756
Phys Loc Desc:			

TCEQ GIS Data Details

Fac ID:	12461	TCEQ Region:	REGION 12 - HOUSTON
PST ID:	0012461	Horz Meth:	GPS_DIFF
LPST ID:		Horz Acc:	5
TDA PST ID:		Horz Ref:	
UST Type:	FULLY REGULATED	Horz Date:	2012/08/09 00:00:00+00
Approved Date:	2021/08/30 00:00:00+00	Horz Org:	UTA
Energy Act:	Yes	Horz Datum:	NAD83
No. of Active UST:	7	X:	-95.323412999
RN:	RN102387511	Y:	29.981704756
Phys Loc Desc:			

Self-Certification

Self Cert ID:	42285
Signature Date:	08/24/2011

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
---------	-------------------	-----------	------------------	----------------	------	----

Signature Name: GABRIEL MUSSIO
Signature Title: DIVISION MANAGER
Signature Type Role: LEGAL AUTH REP OWNER
Filing Status: RENEWAL
Registration Self-Certification: YES
Facility Fees Self-Certification: YES
Fin Assurance Self-Cert: YES
Tech Standards Self-Cert: YES
Delivery Certificate Expire: 09/30/2012
Reporting Method Code:
Reporting Method Description:
Tank Corr Protect Compl:
Piping Corr Protect Compl:
Comp Release Detect Compl:
Piping Release Detect Compl:
Spill Prev & Overfill Compl:

Self-Certification

Self Cert ID: 274984
Signature Date: 08/24/2016
Signature Name: GABRIEL MUSSIO
Signature Title: DIV MGR
Signature Type Role: LEGAL AUTH REP OWNER
Filing Status: RENEWAL
Registration Self-Certification: YES
Facility Fees Self-Certification: YES
Fin Assurance Self-Cert: YES
Tech Standards Self-Cert: YES
Delivery Certificate Expire: 09/30/2017
Reporting Method Code: P
Reporting Method Description: Papers
Tank Corr Protect Compl: YES
Piping Corr Protect Compl: YES
Comp Release Detect Compl: YES
Piping Release Detect Compl: YES
Spill Prev & Overfill Compl: YES

Self-Certification

Self Cert ID: 42284
Signature Date: 08/31/2010
Signature Name: MICHAEL C JOZWIAK
Signature Title: PROJECT MANAGER
Signature Type Role: LEGAL AUTH REP OWNER
Filing Status: RENEWAL
Registration Self-Certification: YES
Facility Fees Self-Certification: YES
Fin Assurance Self-Cert: YES
Tech Standards Self-Cert: YES
Delivery Certificate Expire: 09/30/2011
Reporting Method Code:
Reporting Method Description:
Tank Corr Protect Compl:
Piping Corr Protect Compl:
Comp Release Detect Compl:
Piping Release Detect Compl:
Spill Prev & Overfill Compl:

Self-Certification

Self Cert ID: 42281
Signature Date: 08/16/2007
Signature Name: MICHAEL C JOZWIAK
Signature Title: PROJECT MANAGER

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Signature Type Role:					LEGAL AUTH REP OWNER	
Filing Status:					RENEWAL	
Registration Self-Certification:					YES	
Facility Fees Self-Certification:					YES	
Fin Assurance Self-Cert:					YES	
Tech Standards Self-Cert:					YES	
Delivery Certificate Expire:					09/30/2008	
Reporting Method Code:						
Reporting Method Description:						
Tank Corr Protect Compl:						
Piping Corr Protect Compl:						
Comp Release Detect Compl:						
Piping Release Detect Compl:						
Spill Prev & Overfill Compl:						
 <u>Self-Certification</u>						
Self Cert ID:			42282			
Signature Date:			08/21/2008			
Signature Name:			MICHAEL C JOZWIAK			
Signature Title:			PROJECT MANAGER			
Signature Type Role:			LEGAL AUTH REP OWNER			
Filing Status:			RENEWAL			
Registration Self-Certification:			YES			
Facility Fees Self-Certification:			YES			
Fin Assurance Self-Cert:			YES			
Tech Standards Self-Cert:			YES			
Delivery Certificate Expire:			09/30/2009			
Reporting Method Code:						
Reporting Method Description:						
Tank Corr Protect Compl:						
Piping Corr Protect Compl:						
Comp Release Detect Compl:						
Piping Release Detect Compl:						
Spill Prev & Overfill Compl:						
 <u>Self-Certification</u>						
Self Cert ID:			42276			
Signature Date:			10/18/2002			
Signature Name:			TANWIR BADAR			
Signature Title:			DEPUTY ASST DIR			
Signature Type Role:			LEGAL AUTH REP OWNER			
Filing Status:			RENEWAL			
Registration Self-Certification:			YES			
Facility Fees Self-Certification:			YES			
Fin Assurance Self-Cert:			YES			
Tech Standards Self-Cert:			YES			
Delivery Certificate Expire:			09/30/2003			
Reporting Method Code:						
Reporting Method Description:						
Tank Corr Protect Compl:						
Piping Corr Protect Compl:						
Comp Release Detect Compl:						
Piping Release Detect Compl:						
Spill Prev & Overfill Compl:						
 <u>Self-Certification</u>						
Self Cert ID:			226316			
Signature Date:			09/16/2013			
Signature Name:			GABRIEL MUSSIO			
Signature Title:			DIVISION MANAGER			
Signature Type Role:			LEGAL AUTH REP OWNER			
Filing Status:			RENEWAL			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Registration Self-Certification:		YES				
Facility Fees Self-Certification:		YES				
Fin Assurance Self-Cert:		YES				
Tech Standards Self-Cert:		YES				
Delivery Certificate Expire:		09/30/2014				
Reporting Method Code:		P				
Reporting Method Description:		Papers				
Tank Corr Protect Compl:		YES				
Piping Corr Protect Compl:		YES				
Comp Release Detect Compl:		YES				
Piping Release Detect Compl:		YES				
Spill Prev & Overfill Compl:		YES				

Self-Certification

Self Cert ID: 42275
Signature Date: 12/08/2000
Signature Name: TANWIR BADAR
Signature Title: DP ASST DIR BLDG SVC
Signature Type Role: LEGAL AUTH REP OWNER
Filing Status: INITIAL
Registration Self-Certification: YES
Facility Fees Self-Certification: YES
Fin Assurance Self-Cert: YES
Tech Standards Self-Cert: YES
Delivery Certificate Expire: 09/30/2002
Reporting Method Code:
Reporting Method Description:
Tank Corr Protect Compl:
Piping Corr Protect Compl:
Comp Release Detect Compl:
Piping Release Detect Compl:
Spill Prev & Overfill Compl:

Self-Certification

Self Cert ID: 358788
Signature Date: 08/17/2021
Signature Name: GABRIEL MUSSIO
Signature Title: DIV MANAGER
Signature Type Role: LEGAL AUTH REP OWNER
Filing Status: RENEWAL
Registration Self-Certification: YES
Facility Fees Self-Certification: YES
Fin Assurance Self-Cert: YES
Tech Standards Self-Cert: YES
Delivery Certificate Expire: 09/30/2022
Reporting Method Code: P
Reporting Method Description: Papers
Tank Corr Protect Compl: YES
Piping Corr Protect Compl: YES
Comp Release Detect Compl: YES
Piping Release Detect Compl: YES
Spill Prev & Overfill Compl: YES

Self-Certification

Self Cert ID: 308637
Signature Date: 08/14/2018
Signature Name: GABRIEL MUSSIO
Signature Title: DIV MGR
Signature Type Role: LEGAL AUTH REP OWNER
Filing Status: RENEWAL
Registration Self-Certification: YES
Facility Fees Self-Certification: YES

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<i>Fin Assurance Self-Cert:</i>		YES				
<i>Tech Standards Self-Cert:</i>		YES				
<i>Delivery Certificate Expire:</i>		09/30/2019				
<i>Reporting Method Code:</i>		P				
<i>Reporting Method Description:</i>		Papers				
<i>Tank Corr Protect Compl:</i>		YES				
<i>Piping Corr Protect Compl:</i>		YES				
<i>Comp Release Detect Compl:</i>		YES				
<i>Piping Release Detect Compl:</i>		YES				
<i>Spill Prev & Overfill Compl:</i>		YES				

Self-Certification

Self Cert ID: 343308
Signature Date: 09/01/2020
Signature Name: GABRIEL MUSSIO
Signature Title: DIV MGR
Signature Type Role: LEGAL AUTH REP OWNER
Filing Status: RENEWAL
Registration Self-Certification: YES
Facility Fees Self-Certification: YES
Fin Assurance Self-Cert: YES
Tech Standards Self-Cert: YES
Delivery Certificate Expire: 09/30/2021
Reporting Method Code: P
Reporting Method Description: Papers
Tank Corr Protect Compl: YES
Piping Corr Protect Compl: YES
Comp Release Detect Compl: YES
Piping Release Detect Compl: YES
Spill Prev & Overfill Compl: YES

Self-Certification

Self Cert ID: 293428
Signature Date: 08/08/2017
Signature Name: GABRIEL MUSSIO
Signature Title: DIVISION MANAGER
Signature Type Role: LEGAL AUTH REP OWNER
Filing Status: RENEWAL
Registration Self-Certification: YES
Facility Fees Self-Certification: YES
Fin Assurance Self-Cert: YES
Tech Standards Self-Cert: YES
Delivery Certificate Expire: 09/30/2018
Reporting Method Code: P
Reporting Method Description: Papers
Tank Corr Protect Compl: YES
Piping Corr Protect Compl: YES
Comp Release Detect Compl: YES
Piping Release Detect Compl: YES
Spill Prev & Overfill Compl: YES

Self-Certification

Self Cert ID: 259453
Signature Date: 08/27/2015
Signature Name: GABRIEL MUSSIO
Signature Title: DIV MGR
Signature Type Role: LEGAL AUTH REP OWNER
Filing Status: RENEWAL
Registration Self-Certification: YES
Facility Fees Self-Certification: YES
Fin Assurance Self-Cert: YES
Tech Standards Self-Cert: YES

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Delivery Certificate Expire:		09/30/2016				
Reporting Method Code:		P				
Reporting Method Description:		Papers				
Tank Corr Protect Compl:		YES				
Piping Corr Protect Compl:		YES				
Comp Release Detect Compl:		YES				
Piping Release Detect Compl:		YES				
Spill Prev & Overfill Compl:		YES				
<u>Self-Certification</u>						
Self Cert ID:		42283				
Signature Date:		08/06/2009				
Signature Name:		MICHAEL C JOZWIAK				
Signature Title:		PROJECT MANAGER				
Signature Type Role:		LEGAL AUTH REP OWNER				
Filing Status:		RENEWAL				
Registration Self-Certification:		YES				
Facility Fees Self-Certification:		YES				
Fin Assurance Self-Cert:		YES				
Tech Standards Self-Cert:		YES				
Delivery Certificate Expire:		09/30/2010				
Reporting Method Code:						
Reporting Method Description:						
Tank Corr Protect Compl:						
Piping Corr Protect Compl:						
Comp Release Detect Compl:						
Piping Release Detect Compl:						
Spill Prev & Overfill Compl:						
<u>Self-Certification</u>						
Self Cert ID:		42277				
Signature Date:		09/26/2003				
Signature Name:		TANWIR BADAR				
Signature Title:		DEP ASST DIR				
Signature Type Role:		LEGAL AUTH REP OWNER				
Filing Status:		RENEWAL				
Registration Self-Certification:		YES				
Facility Fees Self-Certification:		YES				
Fin Assurance Self-Cert:		YES				
Tech Standards Self-Cert:		YES				
Delivery Certificate Expire:		09/30/2004				
Reporting Method Code:						
Reporting Method Description:						
Tank Corr Protect Compl:						
Piping Corr Protect Compl:						
Comp Release Detect Compl:						
Piping Release Detect Compl:						
Spill Prev & Overfill Compl:						
<u>Self-Certification</u>						
Self Cert ID:		42278				
Signature Date:		09/08/2004				
Signature Name:		MICHAEL C JOZWIAK				
Signature Title:		ASST. PROJECT MGR.				
Signature Type Role:		LEGAL AUTH REP OWNER				
Filing Status:		RENEWAL				
Registration Self-Certification:		YES				
Facility Fees Self-Certification:		YES				
Fin Assurance Self-Cert:		YES				
Tech Standards Self-Cert:		YES				
Delivery Certificate Expire:		09/30/2005				
Reporting Method Code:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
---------	-------------------	-----------	------------------	----------------	------	----

Reporting Method Description:
Tank Corr Protect Compl:
Piping Corr Protect Compl:
Comp Release Detect Compl:
Piping Release Detect Compl:
Spill Prev & Overfill Compl:

Self-Certification

Self Cert ID: 325561
Signature Date: 08/27/2019
Signature Name: GABRIEL MUSSIO
Signature Title: DIV MGR
Signature Type Role: LEGAL AUTH REP OWNER
Filing Status: RENEWAL
Registration Self-Certification: YES
Facility Fees Self-Certification: YES
Fin Assurance Self-Cert: YES
Tech Standards Self-Cert: YES
Delivery Certificate Expire: 09/30/2020
Reporting Method Code: P
Reporting Method Description: Papers
Tank Corr Protect Compl: YES
Piping Corr Protect Compl: YES
Comp Release Detect Compl: YES
Piping Release Detect Compl: YES
Spill Prev & Overfill Compl: YES

Self-Certification

Self Cert ID: 42279
Signature Date: 08/31/2005
Signature Name: MICHAEL C JOZWIAK
Signature Title: PROJECT MANAGER
Signature Type Role: LEGAL AUTH REP OWNER
Filing Status: RENEWAL
Registration Self-Certification: YES
Facility Fees Self-Certification: YES
Fin Assurance Self-Cert: YES
Tech Standards Self-Cert: YES
Delivery Certificate Expire: 09/30/2006
Reporting Method Code:
Reporting Method Description:
Tank Corr Protect Compl:
Piping Corr Protect Compl:
Comp Release Detect Compl:
Piping Release Detect Compl:
Spill Prev & Overfill Compl:

Self-Certification

Self Cert ID: 241966
Signature Date: 08/13/2014
Signature Name: GABRIEL MUSSIO
Signature Title: DIV MGR
Signature Type Role: LEGAL AUTH REP OWNER
Filing Status: RENEWAL
Registration Self-Certification: YES
Facility Fees Self-Certification: YES
Fin Assurance Self-Cert: YES
Tech Standards Self-Cert: YES
Delivery Certificate Expire: 09/30/2015
Reporting Method Code: P
Reporting Method Description: Papers
Tank Corr Protect Compl: YES

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Piping Corr Protect Compl:		YES				
Comp Release Detect Compl:		YES				
Piping Release Detect Compl:		YES				
Spill Prev & Overfill Compl:		YES				

Self-Certification

Self Cert ID: 42286
Signature Date: 08/17/2012
Signature Name: GABRIEL MUSSIO
Signature Title: DIVISION MANAGER
Signature Type Role: LEGAL AUTH REP OWNER
Filing Status: RENEWAL
Registration Self-Certification: YES
Facility Fees Self-Certification: YES
Fin Assurance Self-Cert: YES
Tech Standards Self-Cert: YES
Delivery Certificate Expire: 09/30/2013
Reporting Method Code:
Reporting Method Description:
Tank Corr Protect Compl:
Piping Corr Protect Compl:
Comp Release Detect Compl:
Piping Release Detect Compl:
Spill Prev & Overfill Compl:

Self-Certification

Self Cert ID: 42280
Signature Date: 08/24/2006
Signature Name: MICHAEL C JOZWIAK
Signature Title: PROJECT MANAGER
Signature Type Role: LEGAL AUTH REP OWNER
Filing Status: RENEWAL
Registration Self-Certification: YES
Facility Fees Self-Certification: YES
Fin Assurance Self-Cert: YES
Tech Standards Self-Cert: YES
Delivery Certificate Expire: 09/30/2007
Reporting Method Code:
Reporting Method Description:
Tank Corr Protect Compl:
Piping Corr Protect Compl:
Comp Release Detect Compl:
Piping Release Detect Compl:
Spill Prev & Overfill Compl:

<u>7</u>	4 of 4	NW	0.25 / 1,300.93	86.94 / 13	GEORGE BUSH INTERCONTINENTAL AIR 4500 WILL CLAYTON PKWY HOUSTON TX	HIST TANK
----------	--------	----	--------------------	---------------	---	-----------

Facility ID:	0012461	Owner Street Dsg:	
Region No:	12	Owner Post Dir:	
County Code:	101	Owner City:	HOUSTON
Owner ID:	NT370	Owner State:	TX
Owner Name:	HOUSTON AIRPORT SYSTEM	Owner Zip:	77205
Owner Street No:		Gender:	MR
Owner Street Dir:		Owner Contact:	JIM PARISE
Owner Street Name:	PO BOX 60106	Owner Last Name:	PARISE

Note: Documents related to facilities in Texas can be searched on TCEQ Records Online Central File Room (CFR): https://records.tceq.texas.gov/cs/idcplg?IdcService=TCEQ_SEARCH
Basic information, including RN numbers, for facilities in TX can be searched on the TCEQ Central Registry: <https://www15.tceq.texas.gov/crpub/>
Information about how to use these resources can be found here: <https://www.tceq.texas.gov/assets/public/agency/How-to-Use-Central-File-Room-Online.pdf>

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
---------	-------------------	-----------	------------------	----------------	------	----

Tank Detail Info

Trk No:	M61204008	Method Filing:	FRM
Const Type:	ABD	Filing Entity:	CT
Const Date:	1/17/2007 12:00:00 AM	Date Data Entered:	12/5/2006 12:00:00 AM
Contractor No:	0098	Comment Entered Dt:	
Notification Status:	on-time	Clerk Initials:	MD
Dt Notif Received:	12/4/2006 12:00:00 AM	Prefix:	on
Comments on NOC:			

Tank Detail Info

Trk No:	M01023004	Method Filing:	FRM
Const Type:	REM	Filing Entity:	CT
Const Date:	11/5/2001 12:00:00 AM	Date Data Entered:	10/30/2001 12:00:00 AM
Contractor No:		Comment Entered Dt:	
Notification Status:	late	Clerk Initials:	DL
Dt Notif Received:	10/23/2001 12:00:00 AM	Prefix:	on
Comments on NOC:			

<u>8</u>	1 of 1	N	0.33 / 1,760.06	84.37 / 10	VACANT 5702 JETERO BLVD HOUSTON TX 77032	LPST
----------	--------	---	--------------------	---------------	--	------

LPST ID:	109692	Nearest City:	HOUSTON
PST ID:		Site Name (Map):	VACANT
Facility ID:	37971	Phys Addr (Map):	5702 JETERO BLVD
Site Name:	VACANT	City (Map):	HOUSTON
Site Address:	5702 JETERO BLVD	County (Map):	HARRIS
City Name:	HOUSTON	ZIP Code (Map):	77032
ZIP Code:	77032	Lat DD (Map):	29.9847679
County Name:	HARRIS	Long DD (Map):	-95.3185967
Addr Desc (Map):	5702 W K CLAYTON FWY		
Source:	TCEQ LPST Report; TCEQ Map Data		
Note:	Documents related to facilities in Texas can be searched on TCEQ Records Online Central File Room (CFR): https://records.tceq.texas.gov/cs/idcplg?IdcService=TCEQ_SEARCH Basic information, including RN numbers, for facilities in TX can be searched on the TCEQ Central Registry: https://www15.tceq.texas.gov/crpub/ Information about how to use these resources can be found here: https://www.tceq.texas.gov/assets/public/agency/How-to-Use-Central-File-Room-Online.pdf		

TCEQ LPST Report

Ref No:	RN104426804	Reported Date:	7/7/1995
Closure Date:	9/6/1995	Entered Date:	8/28/1995
Discovered Date:	6/30/1995	TCEQ Region:	REGION 12 - HOUSTON
Rem Program:	LPST	Project Manager:	HWELCH
Program:	2 - REGION		
Corrective Action Status:	6A - FINAL CONCURRENCE ISSUED		
Priority Status:	4.2 - NO GW IMPACT NO APPARENT THREATS OR IMPACTS TO RECEPTORS		

TCEQ Map Data

Region:	REGION 12 - HOUSTON	Horz Meth:	ADDMAT_NUM
X:	-95.3185967	Horz Acc:	-9999
Y:	29.9847679	Horz Org:	TCEQ
Horz Ref:	OTHER	Horz Datum:	NAD83
Horz Date:	19950828	Horz Desc:	

<u>9</u>	1 of 1	WNW	0.36 / 1,907.61	90.06 / 16	GEORGE BUSH INTERCONTINENTAL AIRPORT OLD TERMINAL C NORTH	IHW CORR ACTION
----------	--------	-----	--------------------	---------------	---	--------------------

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
---------	-------------------	-----------	------------------	----------------	------	----

**3500 N TERMINAL RD
HOUSTON TX 77032**

Program ID:	T3619	Phys Addr (Map):	3500 N TERMINAL RD
RN No:	RN108364704	City (Map):	HOUSTON
Address:	3500 N TERMINAL RD	Zip Code (Map):	77032
City:	HOUSTON	County (Map):	HARRIS
Zip:	77032	Latitude (Map):	29.98883552
County:	HARRIS	Longitude (Map):	-95.33853314
IHWCA ID (Map):	T3619	Data Source:	TCWQ IHWCA Data; TCWQ Map Data
RN No (Map):	RN108364704		
RN Name:	GEORGE BUSH INTERCONTINENTAL AIRPORT OLD TERMINAL C NORTH		
Site Name (Map):	GEORGE BUSH INTERCONTINENTAL AIRPORT OLD TERMINAL C NORTH		
Location Description:	GEORGE BUSH INTERCONTINENTAL AIRPORT- IAH - OLD TERMINAL C NORTH - OCN		
Address Desc:	GEORGE BUSH INTERCONTINENTAL AIRPORT- IAH - OLD TERMINAL C NORTH - OCN		
Note:	Documents related to facilities in Texas can be searched on TCEQ Records Online Central File Room (CFR): https://records.tceq.texas.gov/cs/idcplg?IdcService=TCEQ_SEARCH Basic information, including RN numbers, for facilities in TX can be searched on the TCEQ Central Registry: https://www15.tceq.texas.gov/crpub/ Information about how to use these resources can be found here: https://www.tceq.texas.gov/assets/public/agency/How-to-Use-Central-File-Room-Online.pdf		

TCEQ IHW Corrective Actions Data

Admin Status:	ACTIVE	Soil Coc Class:	
Admin Status Dt:	8/17/2020	Soil Remediation:	
Phase:	ONGOING WORKLOAD	Gw Coc Class:	TPH
Phase Status Dt:	8/17/2020	Gw Remediation:	
Program:	IHWCA		

TCEQ Open Data - IHWCA Points

X:	-95.338533136	Horz Org:	TCEQ
Y:	29.988835517	Horz Datum:	NAD83
Horz Acc:	5	Horz Meth:	DOQ
Horz Ref:	STRUC_CEN	Region:	REGION 12 - HOUSTON
Horz Date:	20200817		
Horz Desc:			
REM Program:	Industrial and Hazardous Waste Corrective Action (IHWCA)		

10	1 of 1	ENE	0.37 / 1,972.08	82.81 / 9	GEN RENT A CAR 6115 WILL CLAYTON PKWY HUMBLE TX 77338	LPST
-----------	---------------	------------	----------------------------	----------------------	--	-------------

LPST ID:	96464	Nearest City:	HUMBLE
PST ID:		Site Name (Map):	GEN RENT A CAR
Facility ID:	24102	Phys Addr (Map):	6115 WILL CLAYTON PKWY
Site Name:	GEN RENT A CAR	City (Map):	HUMBLE
Site Address:	6115 WILL CLAYTON PKWY	County (Map):	HARRIS
City Name:	HUMBLE	ZIP Code (Map):	77338
ZIP Code:	77338	Lat DD (Map):	29.984976
County Name:	HARRIS	Long DD (Map):	-95.303015
Addr Desc (Map):	6115 WILL CLAYTON PKWY		
Source:	TCEQ LPST Report; TCEQ Map Data		
Note:	Documents related to facilities in Texas can be searched on TCEQ Records Online Central File Room (CFR): https://records.tceq.texas.gov/cs/idcplg?IdcService=TCEQ_SEARCH Basic information, including RN numbers, for facilities in TX can be searched on the TCEQ Central Registry: https://www15.tceq.texas.gov/crpub/ Information about how to use these resources can be found here: https://www.tceq.texas.gov/assets/public/agency/How-to-Use-Central-File-Room-Online.pdf		

TCEQ LPST Report

Ref No:	RN103766879	Reported Date:	6/14/1990
Closure Date:	3/12/1991	Entered Date:	8/14/1990

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Discovered Date:	6/13/1990				TCEQ Region: REGION 12 - HOUSTON	
Rem Program:	LPST				Project Manager: HWELCH	
Program:	2 - REGION					
Corrective Action Status:	6A - FINAL CONCURRENCE ISSUED					
Priority Status:	4A - SOIL CONTAMINATION ONLY REQUIRES FULL SITE ASSESSMENT RAP					

TCEQ Map Data

Region:	REGION 12 - HOUSTON	Horz Meth:	UNKNOWN
X:	-95.303015	Horz Acc:	-9999
Y:	29.984976	Horz Org:	TCEQ
Horz Ref:	OTHER	Horz Datum:	NAD83
Horz Date:	19900814	Horz Desc:	

[11](#) 1 of 1 **ENE** 0.39 / 2,033.81 80.00 / 6 **HERTZ USED CAR SALES** **LPST**
5703 WILL CLAYTON PKWY
HUMBLE TX 77338

LPST ID:	98595	Nearest City:	HUMBLE
PST ID:		Site Name (Map):	HERTZ USED CAR SALES
Facility ID:	58251	Phys Addr (Map):	5703 WILL CLAYTON PKWY
Site Name:	HERTZ USED CAR SALES	City (Map):	HUMBLE
Site Address:	5703 WILL CLAYTON PKWY	County (Map):	HARRIS
City Name:	HUMBLE	ZIP Code (Map):	77338
ZIP Code:	77338	Lat DD (Map):	29.985668
County Name:	HARRIS	Long DD (Map):	-95.307684
Addr Desc (Map):	WILL CLAYTON PKWY		
Source:	TCEQ LPST Report; TCEQ Map Data		
Note:	Documents related to facilities in Texas can be searched on TCEQ Records Online Central File Room (CFR): https://records.tceq.texas.gov/cs/idcplg?IdcService=TCEQ_SEARCH Basic information, including RN numbers, for facilities in TX can be searched on the TCEQ Central Registry: https://www15.tceq.texas.gov/crpub/ Information about how to use these resources can be found here: https://www.tceq.texas.gov/assets/public/agency/How-to-Use-Central-File-Room-Online.pdf		

TCEQ LPST Report

Ref No:	RN101903805	Reported Date:	4/12/1991
Closure Date:	2/14/1992	Entered Date:	4/15/1991
Discovered Date:	2/26/1991	TCEQ Region:	REGION 12 - HOUSTON
Rem Program:	LPST	Project Manager:	HWELCH
Program:	2 - REGION		
Corrective Action Status:	6A - FINAL CONCURRENCE ISSUED		
Priority Status:	4A - SOIL CONTAMINATION ONLY REQUIRES FULL SITE ASSESSMENT RAP		

TCEQ Map Data

Region:	REGION 12 - HOUSTON	Horz Meth:	UNKNOWN
X:	-95.307684	Horz Acc:	-9999
Y:	29.985668	Horz Org:	TCEQ
Horz Ref:	OTHER	Horz Datum:	NAD83
Horz Date:	19910415	Horz Desc:	

[12](#) 1 of 2 **NW** 0.39 / 2,052.92 85.15 / 11 **FORMER NATIONAL CAR RENTAL SYSTEM** **LPST**
4551 WILL CLAYTON PKWY
HOUSTON TX 77032

LPST ID:	91748	Nearest City:	HOUSTON
PST ID:		Site Name (Map):	FORMER NATIONAL CAR RENTAL SYSTEM
Facility ID:	48144	Phys Addr (Map):	4551 WILL CLAYTON PKWY
Site Name:	FORMER NATIONAL CAR RENTAL SYSTEM	City (Map):	HOUSTON
Site Address:	4551 WILL CLAYTON PKWY	County (Map):	HARRIS
City Name:	HOUSTON	ZIP Code (Map):	77032

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
ZIP Code:	77032				Lat DD (Map): 29.98556	
County Name:	HARRIS				Long DD (Map): -95.32391	
Addr Desc (Map):	4551 WILL CLAYTON PKWY HOUSTON INTERCONTINENTAL AIRPORT					
Source:	TCEQ LPST Report; TCEQ Map Data					
Note:	Documents related to facilities in Texas can be searched on TCEQ Records Online Central File Room (CFR): https://records.tceq.texas.gov/cs/idcplg?IdcService=TCEQ_SEARCH Basic information, including RN numbers, for facilities in TX can be searched on the TCEQ Central Registry: https://www15.tceq.texas.gov/crpub/ Information about how to use these resources can be found here: https://www.tceq.texas.gov/assets/public/agency/How-to-Use-Central-File-Room-Online.pdf					

TCEQ LPST Report

Ref No:	RN101379774	Reported Date:	3/18/1988
Closure Date:	7/27/2016	Entered Date:	3/18/1988
Discovered Date:	3/16/1988	TCEQ Region:	REGION 12 - HOUSTON
Rem Program:	LPST	Project Manager:	MOGEE
Program:	1 - RPR		
Corrective Action Status:	6A - FINAL CONCURRENCE ISSUED		
Priority Status:	4.1 - GW IMPACTED NO APPARENT THREATS OR IMPACTS TO RECEPTORS		

TCEQ Map Data

Region:	REGION 12 - HOUSTON	Horz Meth:	UNKNOWN
X:	-95.32391	Horz Acc:	-9999
Y:	29.98556	Horz Org:	TCEQ
Horz Ref:	OTHER	Horz Datum:	NAD83
Horz Date:	19880318	Horz Desc:	

[12](#) 2 of 2 **NW** 0.39 / 2,052.92 85.15 / 11 **NATIONAL CAR RENTAL SYSTEM
4551 WILL CLAYTON PKWY
HOUSTON TX 77032** **LPST**

LPST ID:	93041	Nearest City:	HOUSTON
PST ID:		Site Name (Map):	NATIONAL CAR RENTAL SYSTEM
Facility ID:	48144	Phys Addr (Map):	4551 WILL CLAYTON PKWY
Site Name:	NATIONAL CAR RENTAL SYSTEM	City (Map):	HOUSTON
Site Address:	4551 WILL CLAYTON PKWY	County (Map):	HARRIS
City Name:	HOUSTON	ZIP Code (Map):	77032
ZIP Code:	77032	Lat DD (Map):	29.98556
County Name:	HARRIS	Long DD (Map):	-95.32391
Addr Desc (Map):	AMF BOX 60224		
Source:	TCEQ LPST Report; TCEQ Map Data		
Note:	Documents related to facilities in Texas can be searched on TCEQ Records Online Central File Room (CFR): https://records.tceq.texas.gov/cs/idcplg?IdcService=TCEQ_SEARCH Basic information, including RN numbers, for facilities in TX can be searched on the TCEQ Central Registry: https://www15.tceq.texas.gov/crpub/ Information about how to use these resources can be found here: https://www.tceq.texas.gov/assets/public/agency/How-to-Use-Central-File-Room-Online.pdf		

TCEQ LPST Report

Ref No:	RN101379774	Reported Date:	6/2/1989
Closure Date:	7/27/2016	Entered Date:	6/6/1989
Discovered Date:	6/2/1989	TCEQ Region:	REGION 12 - HOUSTON
Rem Program:	LPST	Project Manager:	MOGEE
Program:	1 - RPR		
Corrective Action Status:	6A - FINAL CONCURRENCE ISSUED		
Priority Status:	2A - GROUNDWATER OTHER THAN 1B SITE CHARACTERIZATION INCOMPLETE		

TCEQ Map Data

Region:	REGION 12 - HOUSTON	Horz Meth:	ADDMAT_NUM
X:	-95.32391	Horz Acc:	-9999

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Y:	29.98556				Horz Org: TCEQ	
Horz Ref:	OTHER				Horz Datum: NAD83	
Horz Date:	19890606				Horz Desc:	

[13](#) 1 of 1 **WNW** 0.42 / 2,235.56 90.73 / 17 **GEORGE BUSH INTERCONTINENTAL AIRPORT 3800 N TERMINAL RD HOUSTON TX 77032** **IHW CORR ACTION**

Program ID: T2914 **Phys Addr (Map):** 3800 N TERMINAL RD
RN No: RN105291504 **City (Map):** HOUSTON
Address: 3800 N TERMINAL RD **Zip Code (Map):** 77032
City: HOUSTON **County (Map):** HARRIS
Zip: 77032 **Latitude (Map):** 29.983
County: HARRIS **Longitude (Map):** -95.3374
IHWCA ID (Map): T2914 **Data Source:** TCWQ IHWCA Data; TCWQ Map Data
RN No (Map): RN105291504

RN Name: GEORGE BUSH INTERCONTINENTAL AIRPORT
Site Name (Map): GEORGE BUSH INTERCONTINENTAL AIRPORT

Location Description:

Address Desc:

Note: Documents related to facilities in Texas can be searched on TCEQ Records Online Central File Room (CFR): https://records.tceq.texas.gov/cs/idcplg?IdcService=TCEQ_SEARCH
Basic information, including RN numbers, for facilities in TX can be searched on the TCEQ Central Registry: <https://www15.tceq.texas.gov/crpub/>
Information about how to use these resources can be found here: <https://www.tceq.texas.gov/assets/public/agency/How-to-Use-Central-File-Room-Online.pdf>

TCEQ IHW Corrective Actions Data

Admin Status: INACTIVE **Soil Coc Class:**
Admin Status Dt: 5/13/2013 **Soil Remediation:**
Phase: COMPLETED WORKLOAD **Gw Coc Class:**
Phase Status Dt: 5/13/2013 **Gw Remediation:**
Program: IHWCA

TCEQ Open Data - IHWCA Points

X: -95.3374 **Horz Org:** TCEQ
Y: 29.983 **Horz Datum:** NAD83
Horz Acc: -9999 **Horz Meth:** UNKNOWN
Horz Ref: OTHER **Region:** REGION 12 - HOUSTON
Horz Date: 20110217
Horz Desc:
REM Program: Industrial and Hazardous Waste Corrective Action (IHWCA)

[14](#) 1 of 1 **ENE** 0.45 / 2,374.42 81.75 / 8 **HANDI STOP 40 6355 WILL CLAYTON PKWY HUMBLE TX 77338** **LPST**

LPST ID: 116178 **Nearest City:** HUMBLE
PST ID: **Site Name (Map):** HANDI STOP 40
Facility ID: 74865 **Phys Addr (Map):** 6355 WILL CLAYTON PKWY
Site Name: HANDI STOP 40 **City (Map):** HUMBLE
Site Address: 6355 WILL CLAYTON PKWY **County (Map):** HARRIS
City Name: HUMBLE **ZIP Code (Map):** 77338
ZIP Code: 77338 **Lat DD (Map):** 29.9836
County Name: HARRIS **Long DD (Map):** -95.29622

Addr Desc (Map): 6355 WILL CLAYTON RD
Source: TCEQ LPST Report; TCEQ Map Data

Note: Documents related to facilities in Texas can be searched on TCEQ Records Online Central File Room (CFR): https://records.tceq.texas.gov/cs/idcplg?IdcService=TCEQ_SEARCH
Basic information, including RN numbers, for facilities in TX can be searched on the TCEQ Central Registry: <https://www15.tceq.texas.gov/crpub/>
Information about how to use these resources can be found here: <https://www.tceq.texas.gov>

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
---------	-------------------	-----------	------------------	----------------	------	----

gov/assets/public/agency/How-to-Use-Central-File-Room-Online.pdf

TCEQ LPST Report

Ref No:	RN102493707	Reported Date:	12/18/2002
Closure Date:	12/31/3000	Entered Date:	10/7/2004
Discovered Date:	12/18/2002	TCEQ Region:	REGION 12 - HOUSTON
Rem Program:	LPST	Project Manager:	MOGEE
Program:	1 - RPR		
Corrective Action Status:	1 - RELEASE DETERMINATION		
Priority Status:	4.1 - GW IMPACTED NO APPARENT THREATS OR IMPACTS TO RECEPTORS		

TCEQ Map Data

Region:	REGION 12 - HOUSTON	Horz Meth:	UNKNOWN
X:	-95.29622	Horz Acc:	-9999
Y:	29.9836	Horz Org:	UTA
Horz Ref:	OTHER	Horz Datum:	NAD83
Horz Date:	20041007	Horz Desc:	

15	1 of 1	NNE	0.47 / 2,488.98	84.02 / 10	HERTZ RENT A CAR 5050 WRIGHT RD HOUSTON TX 77032	LPST
--------------------	--------	------------	----------------------------	-----------------------	---	-------------

LPST ID:	91348	Nearest City:	HOUSTON
PST ID:		Site Name (Map):	HERTZ RENT A CAR
Facility ID:	31387	Phys Addr (Map):	5050 WRIGHT RD
Site Name:	HERTZ RENT A CAR	City (Map):	HOUSTON
Site Address:	5050 WRIGHT RD	County (Map):	HARRIS
City Name:	HOUSTON	ZIP Code (Map):	77032
ZIP Code:	77032	Lat DD (Map):	29.98669
County Name:	HARRIS	Long DD (Map):	-95.317551
Addr Desc (Map):	BETWEEN WRIGHT BROTHERS RD WILL CLAYTON PKWY		
Source:	TCEQ LPST Report; TCEQ Map Data		
Note:	Documents related to facilities in Texas can be searched on TCEQ Records Online Central File Room (CFR): https://records.tceq.texas.gov/cs/idcplg?IdcService=TCEQ_SEARCH Basic information, including RN numbers, for facilities in TX can be searched on the TCEQ Central Registry: https://www15.tceq.texas.gov/crpub/ Information about how to use these resources can be found here: https://www.tceq.texas.gov/assets/public/agency/How-to-Use-Central-File-Room-Online.pdf		

TCEQ LPST Report

Ref No:	RN101876472	Reported Date:	8/2/2006
Closure Date:	5/29/2019	Entered Date:	8/2/2006
Discovered Date:	7/21/2006	TCEQ Region:	REGION 12 - HOUSTON
Rem Program:	LPST	Project Manager:	MMARRERO
Program:	1 - RPR		
Corrective Action Status:	6A - FINAL CONCURRENCE ISSUED		
Priority Status:	4.1 - GW IMPACTED NO APPARENT THREATS OR IMPACTS TO RECEPTORS		

TCEQ Map Data

Region:	REGION 12 - HOUSTON	Horz Meth:	UNKNOWN
X:	-95.317551	Horz Acc:	-9999
Y:	29.98669	Horz Org:	TCEQ
Horz Ref:	OTHER	Horz Datum:	NAD83
Horz Date:	20060802	Horz Desc:	

16	1 of 3	NW	0.47 / 2,490.87	86.60 / 12	TERMINAL C SOUTH 4411 WRIGHT RD HOUSTON TX 77032	LPST
--------------------	--------	-----------	----------------------------	-----------------------	---	-------------

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
LPST ID:	93558				Nearest City: HOUSTON	
PST ID:					Site Name (Map): TERMINAL C SOUTH	
Facility ID:	57558; 90899; 39994				Phys Addr (Map): 4411 WRIGHT RD	
Site Name:	TERMINAL C SOUTH				City (Map): HOUSTON	
Site Address:	4411 WRIGHT RD				County (Map): HARRIS	
City Name:	HOUSTON				ZIP Code (Map): 77032	
ZIP Code:	77032				Lat DD (Map): 29.98812	
County Name:	HARRIS				Long DD (Map): -95.33792	
Addr Desc (Map):	TERMINAL C S SIDE					
Source:	TCEQ LPST Report; TCEQ Map Data					
Note:	Documents related to facilities in Texas can be searched on TCEQ Records Online Central File Room (CFR): https://records.tceq.texas.gov/cs/idcplg?IdcService=TCEQ_SEARCH Basic information, including RN numbers, for facilities in TX can be searched on the TCEQ Central Registry: https://www15.tceq.texas.gov/crpub/ Information about how to use these resources can be found here: https://www.tceq.texas.gov/assets/public/agency/How-to-Use-Central-File-Room-Online.pdf					

TCEQ LPST Report

Ref No:	RN102458833	Reported Date:	8/29/1989
Closure Date:	2/7/2000	Entered Date:	9/11/1989
Discovered Date:	8/29/1989	TCEQ Region:	REGION 12 - HOUSTON
Rem Program:	LPST	Project Manager:	ARM
Program:	1 - RPR		
Corrective Action Status:	6A - FINAL CONCURRENCE ISSUED		
Priority Status:	4.1 - GW IMPACTED NO APPARENT THREATS OR IMPACTS TO RECEPTORS		

TCEQ Map Data

Region:	REGION 12 - HOUSTON	Horz Meth:	UNKNOWN
X:	-95.33792	Horz Acc:	-9999
Y:	29.98812	Horz Org:	UTA
Horz Ref:	OTHER	Horz Datum:	NAD83
Horz Date:	19890911	Horz Desc:	

[16](#) 2 of 3 **NW** 0.47 / 2,490.87 86.60 / 12 **TERMINAL C IAH** **LPST**
4411 WRIGHT RD
HOUSTON TX 77032

LPST ID:	92816	Nearest City:	HOUSTON
PST ID:		Site Name (Map):	TERMINAL C IAH
Facility ID:		Phys Addr (Map):	4411 WRIGHT RD
Site Name:	TERMINAL C IAH	City (Map):	HOUSTON
Site Address:	4411 WRIGHT RD	County (Map):	HARRIS
City Name:	HOUSTON	ZIP Code (Map):	77032
ZIP Code:	77032	Lat DD (Map):	29.986954
County Name:	HARRIS	Long DD (Map):	-95.325775
Addr Desc (Map):	4275 WRIGHT RD		
Source:	TCEQ LPST Report; TCEQ Map Data		
Note:	Documents related to facilities in Texas can be searched on TCEQ Records Online Central File Room (CFR): https://records.tceq.texas.gov/cs/idcplg?IdcService=TCEQ_SEARCH Basic information, including RN numbers, for facilities in TX can be searched on the TCEQ Central Registry: https://www15.tceq.texas.gov/crpub/ Information about how to use these resources can be found here: https://www.tceq.texas.gov/assets/public/agency/How-to-Use-Central-File-Room-Online.pdf		

TCEQ LPST Report

Ref No:	RN103016044	Reported Date:	2/2/1989
Closure Date:	7/13/1989	Entered Date:	4/12/1989
Discovered Date:	2/2/1989	TCEQ Region:	REGION 12 - HOUSTON
Rem Program:	LPST	Project Manager:	HWELCH
Program:	2 - REGION		
Corrective Action Status:	6A - FINAL CONCURRENCE ISSUED		
Priority Status:	4A - SOIL CONTAMINATION ONLY REQUIRES FULL SITE ASSESSMENT RAP		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
---------	-------------------	-----------	------------------	----------------	------	----

TCEQ Map Data

Region:	REGION 12 - HOUSTON	Horz Meth:	UNKNOWN
X:	-95.325775	Horz Acc:	-9999
Y:	29.986954	Horz Org:	TCEQ
Horz Ref:	OTHER	Horz Datum:	NAD83
Horz Date:	19890412	Horz Desc:	

16	3 of 3	NW	0.47 / 2,490.87	86.60 / 12	CONTINENTAL AIRLINES 4411 WRIGHT RD HOUSTON TX 77032	LPST
-----------	---------------	-----------	------------------------	-------------------	---	-------------

LPST ID:	111708	Nearest City:	HOUSTON
PST ID:		Site Name (Map):	CONTINENTAL AIRLINES
Facility ID:	57558; 90899; 39994	Phys Addr (Map):	4411 WRIGHT RD
Site Name:	CONTINENTAL AIRLINES	City (Map):	HOUSTON
Site Address:	4411 WRIGHT RD	County (Map):	HARRIS
City Name:	HOUSTON	ZIP Code (Map):	77032
ZIP Code:	77032	Lat DD (Map):	29.98812
County Name:	HARRIS	Long DD (Map):	-95.33792
Addr Desc (Map):	4411 WRIGHT RD		
Source:	TCEQ LPST Report; TCEQ Map Data		
Note:	Documents related to facilities in Texas can be searched on TCEQ Records Online Central File Room (CFR): https://records.tceq.texas.gov/cs/idcplg?IdcService=TCEQ_SEARCH Basic information, including RN numbers, for facilities in TX can be searched on the TCEQ Central Registry: https://www15.tceq.texas.gov/crpub/ Information about how to use these resources can be found here: https://www.tceq.texas.gov/assets/public/agency/How-to-Use-Central-File-Room-Online.pdf		

TCEQ LPST Report

Ref No:	RN102458833	Reported Date:	7/16/1996
Closure Date:	1/16/2002	Entered Date:	9/30/1996
Discovered Date:	7/15/1996	TCEQ Region:	REGION 12 - HOUSTON
Rem Program:	LPST	Project Manager:	MOGEE
Program:	1 - RPR		
Corrective Action Status:	6A - FINAL CONCURRENCE ISSUED		
Priority Status:	4.1 - GW IMPACTED NO APPARENT THREATS OR IMPACTS TO RECEPTORS		

TCEQ Map Data

Region:	REGION 12 - HOUSTON	Horz Meth:	UNKNOWN
X:	-95.33792	Horz Acc:	-9999
Y:	29.98812	Horz Org:	UTA
Horz Ref:	OTHER	Horz Datum:	NAD83
Horz Date:	19960930	Horz Desc:	

17	1 of 3	N	0.47 / 2,491.00	83.93 / 10	AVIS RENT A CAR 4960 WRIGHT RD HOUSTON TX 77032	LPST
-----------	---------------	----------	------------------------	-------------------	--	-------------

LPST ID:	99806	Nearest City:	HOUSTON
PST ID:		Site Name (Map):	AVIS RENT A CAR
Facility ID:	5194	Phys Addr (Map):	4960 WRIGHT RD
Site Name:	AVIS RENT A CAR	City (Map):	HOUSTON
Site Address:	4960 WRIGHT RD	County (Map):	HARRIS
City Name:	HOUSTON	ZIP Code (Map):	77032
ZIP Code:	77032	Lat DD (Map):	29.986678
County Name:	HARRIS	Long DD (Map):	-95.318705
Addr Desc (Map):	WRIGHT RD		
Source:	TCEQ LPST Report; TCEQ Map Data		
Note:	Documents related to facilities in Texas can be searched on TCEQ Records Online Central File Room (CFR): https://records.tceq.texas.gov/cs/idcplg?IdcService=TCEQ_SEARCH		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
---------	-------------------	-----------	------------------	----------------	------	----

Basic information, including RN numbers, for facilities in TX can be searched on the TCEQ Central Registry: <https://www15.tceq.texas.gov/crpub/>
 Information about how to use these resources can be found here: <https://www.tceq.texas.gov/assets/public/agency/How-to-Use-Central-File-Room-Online.pdf>

TCEQ LPST Report

Ref No:	RN100638469	Reported Date:	7/30/1991
Closure Date:	2/14/1992	Entered Date:	9/18/1991
Discovered Date:	7/30/1991	TCEQ Region:	REGION 12 - HOUSTON
Rem Program:	LPST	Project Manager:	ASMILLER
Program:	2 - REGION		
Corrective Action Status:	6A - FINAL CONCURRENCE ISSUED		
Priority Status:	4A - SOIL CONTAMINATION ONLY REQUIRES FULL SITE ASSESSMENT RAP		

TCEQ Map Data

Region:	REGION 12 - HOUSTON	Horz Meth:	UNKNOWN
X:	-95.318705	Horz Acc:	-9999
Y:	29.986678	Horz Org:	TCEQ
Horz Ref:	OTHER	Horz Datum:	NAD83
Horz Date:	19910918	Horz Desc:	

17	2 of 3	N	0.47 / 2,491.00	83.93 / 10	AVIS RENT A CAR SYS 4960 WRIGHT RD HOUSTON TX 77032	LPST
--------------------	--------	---	--------------------	---------------	--	-------------

LPST ID:	116255	Nearest City:	HOUSTON
PST ID:		Site Name (Map):	AVIS RENT A CAR SYS
Facility ID:	5194	Phys Addr (Map):	4960 WRIGHT RD
Site Name:	AVIS RENT A CAR SYS	City (Map):	HOUSTON
Site Address:	4960 WRIGHT RD	County (Map):	HARRIS
City Name:	HOUSTON	ZIP Code (Map):	77032
ZIP Code:	77032	Lat DD (Map):	29.986678
County Name:	HARRIS	Long DD (Map):	-95.318705
Addr Desc (Map):	4960 WRIGHT RD		
Source:	TCEQ LPST Report; TCEQ Map Data		
Note:	Documents related to facilities in Texas can be searched on TCEQ Records Online Central File Room (CFR): https://records.tceq.texas.gov/cs/idcplg?IdcService=TCEQ_SEARCH Basic information, including RN numbers, for facilities in TX can be searched on the TCEQ Central Registry: https://www15.tceq.texas.gov/crpub/ Information about how to use these resources can be found here: https://www.tceq.texas.gov/assets/public/agency/How-to-Use-Central-File-Room-Online.pdf		

TCEQ LPST Report

Ref No:	RN100638469	Reported Date:	6/22/2004
Closure Date:	2/4/2010	Entered Date:	11/8/2004
Discovered Date:	6/21/2004	TCEQ Region:	REGION 12 - HOUSTON
Rem Program:	LPST	Project Manager:	THASAN
Program:	1P - PRIVATIZATION CONTRACTOR		
Corrective Action Status:	6A - FINAL CONCURRENCE ISSUED		
Priority Status:	3.5 - A DESIGNATED MAJOR OR MINOR AQUIFER IS IMPACTED		

TCEQ Map Data

Region:	REGION 12 - HOUSTON	Horz Meth:	UNKNOWN
X:	-95.318705	Horz Acc:	-9999
Y:	29.986678	Horz Org:	TCEQ
Horz Ref:	OTHER	Horz Datum:	NAD83
Horz Date:	20041108	Horz Desc:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
17	3 of 3	N	0.47 / 2,491.00	83.93 / 10	AVIS RENT A CAR MAINT 4960 WRIGHT RD 4960 Wright Rd, Houston, TX HOUSTON TX 77032	APAR

RN No: RN100638469 **Degrees Lat:** 0.000000
County: HARRIS **Degrees Long:** 0.000000
Report Source: LPST Affected Property Assessment Reports Locations
Note: Documents related to facilities in Texas can be searched on TCEQ Records Online Central File Room (CFR):
https://records.tceq.texas.gov/cs/idcplg?IdcService=TCEQ_SEARCH
 Basic information, including RN numbers, for facilities in TX can be searched on the TCEQ Central Registry: <https://www15.tceq.texas.gov/crpub/>
 Information about how to use these resources can be found here: <https://www.tceq.texas.gov/assets/public/agency/How-to-Use-Central-File-Room-Online.pdf>

LPST Affected Property Assessment Reports Locations

Site Status:	INACTIVE	LPST Site No:	116255
Corr Action Status:	6A - FINAL CONCURRENCE ISSUED	Comm ID:	6158476
Program:	LEAKING PETROLEUM STORAGE TANK	Comm Type:	APAR
Program Site Name:	AVIS RENT A CAR SYS INC	Comm Rec Date:	2/22/2007
Site Status:	INACTIVE	LPST Site No:	116255
Corr Action Status:	6A - FINAL CONCURRENCE ISSUED	Comm ID:	6158473
Program:	LEAKING PETROLEUM STORAGE TANK	Comm Type:	APAR
Program Site Name:	AVIS RENT A CAR SYS INC	Comm Rec Date:	5/17/2005

18	1 of 1	N	0.48 / 2,510.87	84.91 / 11	AVIS RENT A CAR 4931 WRIGHT RD HOUSTON TX 77032	LPST
--------------------	--------	---	--------------------	---------------	---	------

LPST ID: 91244 **Nearest City:** HOUSTON
PST ID: **Site Name (Map):** AVIS RENT A CAR
Facility ID: 5193 **Phys Addr (Map):** 4931 WRIGHT RD
Site Name: AVIS RENT A CAR **City (Map):** HOUSTON
Site Address: 4931 WRIGHT RD **County (Map):** HARRIS
City Name: HOUSTON **ZIP Code (Map):** 77032
ZIP Code: 77032 **Lat DD (Map):** 29.986956
County Name: HARRIS **Long DD (Map):** -95.319324
Addr Desc (Map): 4931 WRIGHT RD INTERCONTINENTAL AIRPORT
Source: TCEQ LPST Report; TCEQ Map Data
Note: Documents related to facilities in Texas can be searched on TCEQ Records Online Central File Room (CFR):
https://records.tceq.texas.gov/cs/idcplg?IdcService=TCEQ_SEARCH
 Basic information, including RN numbers, for facilities in TX can be searched on the TCEQ Central Registry: <https://www15.tceq.texas.gov/crpub/>
 Information about how to use these resources can be found here: <https://www.tceq.texas.gov/assets/public/agency/How-to-Use-Central-File-Room-Online.pdf>

TCEQ LPST Report

Ref No:	RN101807675	Reported Date:	3/13/1987
Closure Date:	4/6/1998	Entered Date:	3/17/1987
Discovered Date:	3/1/1985	TCEQ Region:	REGION 12 - HOUSTON
Rem Program:	LPST	Project Manager:	REASON
Program:	1 - RPR		
Corrective Action Status:	6A - FINAL CONCURRENCE ISSUED		
Priority Status:	4.1 - GW IMPACTED NO APPARENT THREATS OR IMPACTS TO RECEPTORS		

TCEQ Map Data

Region:	REGION 12 - HOUSTON	Horz Meth:	UNKNOWN
X:	-95.319324	Horz Acc:	-9999
Y:	29.986956	Horz Org:	TCEQ
Horz Ref:	OTHER	Horz Datum:	NAD83
Horz Date:	19870317	Horz Desc:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
19	1 of 2	NNW	0.48 / 2,515.48	85.49 / 11	DELTA HOUSTON INTRNTL AIRPORT 4661 WRIGHT RD HOUSTON TX 77032	LPST
LPST ID:	93676			Nearest City:	HOUSTON	
PST ID:				Site Name (Map):	DELTA HOUSTON INTRNTL AIRPORT	
Facility ID:				Phys Addr (Map):	4661 WRIGHT RD	
Site Name:	DELTA HOUSTON INTRNTL AIRPORT			City (Map):	HOUSTON	
Site Address:	4661 WRIGHT RD			County (Map):	HARRIS	
City Name:	HOUSTON			ZIP Code (Map):	77032	
ZIP Code:	77032			Lat DD (Map):	29.9875	
County Name:	HARRIS			Long DD (Map):	-95.33722	
Addr Desc (Map):	4661 WRIGHT RD					
Source:	TCEQ LPST Report; TCEQ Map Data					
Note:	Documents related to facilities in Texas can be searched on TCEQ Records Online Central File Room (CFR): https://records.tceq.texas.gov/cs/idcplg?IdcService=TCEQ_SEARCH Basic information, including RN numbers, for facilities in TX can be searched on the TCEQ Central Registry: https://www15.tceq.texas.gov/crpub/ Information about how to use these resources can be found here: https://www.tceq.texas.gov/assets/public/agency/How-to-Use-Central-File-Room-Online.pdf					
<u>TCEQ LPST Report</u>						
Ref No:	RN103019295			Reported Date:	9/6/1989	
Closure Date:	12/10/2001			Entered Date:	10/9/1989	
Discovered Date:	9/5/1989			TCEQ Region:	REGION 12 - HOUSTON	
Rem Program:	LPST			Project Manager:	ZLI	
Program:	1 - RPR					
Corrective Action Status:	6A - FINAL CONCURRENCE ISSUED					
Priority Status:	2A - GROUNDWATER OTHER THAN 1B SITE CHARACTERIZATION INCOMPLETE					
<u>TCEQ Map Data</u>						
Region:	REGION 12 - HOUSTON			Horz Meth:	UNKNOWN	
X:	-95.33722			Horz Acc:	-9999	
Y:	29.9875			Horz Org:	TCEQ	
Horz Ref:	OTHER			Horz Datum:	NAD83	
Horz Date:	19891009			Horz Desc:		

19	2 of 2	NNW	0.48 / 2,515.48	85.49 / 11	GEORGE BUSH INTERCONTINENTAL MAINTENANCE FACILITY 4661 WRIGHT RD HOUSTON TX 77032	IHW CORR ACTION
Program ID:	69722			Phys Addr (Map):	4661 WRIGHT RD	
RN No:	RN103019295			City (Map):	HOUSTON	
Address:	4661 WRIGHT RD			Zip Code (Map):	77032	
City:	HOUSTON			County (Map):	HARRIS	
Zip:	77032			Latitude (Map):	29.98748251	
County:	HARRIS			Longitude (Map):	-95.32220131	
IHWCA ID (Map):	69722			Data Source:	TCWQ IHWC Data; TCWQ Map Data	
RN No (Map):	RN103019295					
RN Name:	GEORGE BUSH INTERCONTINENTAL MAINTENANCE FACILITY					
Site Name (Map):	GEORGE BUSH INTERCONTINENTAL MAINTENANCE FACILITY					
Location Description:	4661 WRIGHT RD HOUSTON INTERCONTINENTAL AIRPORT					
Address Desc:	4661 WRIGHT RD HOUSTON INTERCONTINENTAL AIRPORT					
Note:	Documents related to facilities in Texas can be searched on TCEQ Records Online Central File Room (CFR): https://records.tceq.texas.gov/cs/idcplg?IdcService=TCEQ_SEARCH Basic information, including RN numbers, for facilities in TX can be searched on the TCEQ Central Registry: https://www15.tceq.texas.gov/crpub/ Information about how to use these resources can be found here: https://www.tceq.texas.gov/assets/public/agency/How-to-Use-Central-File-Room-Online.pdf					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
---------	-------------------	-----------	------------------	----------------	------	----

TCEQ IHW Corrective Actions Data

Admin Status:	INACTIVE	Soil Coc Class:	
Admin Status Dt:	5/10/2017	Soil Remediation:	
Phase:	COMPLETED WORKLOAD	Gw Coc Class:	
Phase Status Dt:	5/10/2017	Gw Remediation:	
Program:	IHWCA		

TCEQ Open Data - IHWCA Points

X:	-95.322201305	Horz Org:	TCEQ
Y:	29.987482511	Horz Datum:	NAD83
Horz Acc:	5	Horz Meth:	ADDMAT_NUM
Horz Ref:	STRUC_CEN	Region:	REGION 12 - HOUSTON
Horz Date:	20170419		
Horz Desc:			
REM Program:	Industrial and Hazardous Waste Corrective Action (IHWCA)		

20	1 of 1	NE	0.49 / 2,613.54	82.84 / 9	TEJAS PROPERTIES 18410 LEE RD HOUSTON TX 77002	LPST
--------------------	--------	----	--------------------	--------------	--	------

LPST ID:	108516	Nearest City:	HOUSTON
PST ID:		Site Name (Map):	TEJAS PROPERTIES
Facility ID:	21540	Phys Addr (Map):	18410 LEE RD
Site Name:	TEJAS PROPERTIES	City (Map):	HOUSTON
Site Address:	18410 LEE RD	County (Map):	HARRIS
City Name:	HOUSTON	ZIP Code (Map):	77002
ZIP Code:	77002	Lat DD (Map):	29.9869547
County Name:	HARRIS	Long DD (Map):	-95.3086224
Addr Desc (Map):	18410 LEE RD		
Source:	TCEQ LPST Report; TCEQ Map Data		
Note:	Documents related to facilities in Texas can be searched on TCEQ Records Online Central File Room (CFR): https://records.tceq.texas.gov/cs/idcplg?IdcService=TCEQ_SEARCH Basic information, including RN numbers, for facilities in TX can be searched on the TCEQ Central Registry: https://www15.tceq.texas.gov/crpub/ Information about how to use these resources can be found here: https://www.tceq.texas.gov/assets/public/agency/How-to-Use-Central-File-Room-Online.pdf		

TCEQ LPST Report

Ref No:	RN104440946	Reported Date:	8/16/1994
Closure Date:	4/13/1999	Entered Date:	9/9/1994
Discovered Date:	7/7/1994	TCEQ Region:	REGION 12 - HOUSTON
Rem Program:	LPST	Project Manager:	KKC
Program:	1 - RPR		
Corrective Action Status:	6A - FINAL CONCURRENCE ISSUED		
Priority Status:	4.1 - GW IMPACTED NO APPARENT THREATS OR IMPACTS TO RECEPTORS		

TCEQ Map Data

Region:	REGION 12 - HOUSTON	Horz Meth:	ADDMAT_NUM
X:	-95.3086224	Horz Acc:	-9999
Y:	29.9869547	Horz Org:	TCEQ
Horz Ref:	OTHER	Horz Datum:	NAD83
Horz Date:	19940909	Horz Desc:	

Unplottable Summary

Total: 22 Unplottable sites

DB	Company Name/Site Name	Address	City	Zip	ERIS ID
AIR PERMITS	BASIC CONTRACTING INC	LEE RD	HOUSTON TX		884696135
AIR PERMITS	BASIC CONTRACTING INC	ON LEE RD	HOUSTON TX		884806064
AIR PERMITS	BASIC CONTRACTING INC	LEE RD	HOUSTON TX		884846468
ERNS		IAH RAMP OPERATIONS WILL CLAYTON PARKWAY <i>NRC Report No:</i> 807537	HOUSTON TX		807241121
FINDS/FRS	ROADWAY INN INT AIRPORT WWTP	2000' SW INTX WILL CLAYTON PKWY AND US HWY 59 <i>Registry ID:</i> 110039199024	HOUSTON TX	77396	816333583
FINDS/FRS	HOU CSJ 0177-05-110	IH 69 FROM WILL CLAYTON PKWY. IN HARRIS CO. TO NOR <i>Registry ID:</i> 110070187046	HUMBLE TX	77338	866736138
FINDS/FRS	THE PARKING SPOT 2 - WILL CLAYTON	1000 FEET WEST OF THE INTERSECTION OF WILL CLAYTON <i>Registry ID:</i> 110070355806	HUMBLE TX	77388	872610534
FINDS/FRS	HARRIS COUNTY MUD 412	APPROX 1.8 MI SE OF INTXN WILL CLAYTON PKWY & TIMB <i>Registry ID:</i> 110034090711	HOUSTON TX	77044	815733334
HIST TANK	8L ALSF SUBSTATION BLDG	IAH AIRPORT <i>Facility ID:</i> NL91914	HOUSTON TX		881090658
HMIRS		IAH Airport	HUMBLE TX		880635851
HMIRS		IAH	Houston TX		867331617

HMIRS		IAH Airport	HOUSTON TX		818206998
HMIRS		Houston Bush Airport (IAH)	HOUSTON TX		818268830
HMIRS		Houston Bush Airport (IAH)	HOUSTON TX		818394842
HMIRS		IAH International Airport	HOUSTON TX		818611154
HMIRS		IAH Airport	HOUSTON TX		818294223
ICIS	ROADWAY INN INT AIRPORT WWTP	2000' SW INTX WILL CLAYTON PKWY AND US HWY 59 <i>Registry ID:</i> 110039199024	HOUSTON TX	77396	828740038
NOE	IAH HOUSTON TX ASR	INTERCONTINENTAL IAH AIRPORT ASR9	HOUSTON TX	77205	898051534
NOV	INTERCONTINENTAL AIRPORT HOUSTON REMOTE TRANSMITTER FAC C	RTRC ACCESS DRIVEWAY , HOUSTON , TX 77205 IAH - INTERCONTINENTAL AIRPORT HOUSTON	TX		895101341
ORD	IAH HOUSTON TX ASR	INTERCONTINENTAL IAH AIRPORT ASR9	TX		880741330
ORD	IAH HOUSTON TX ASR	INTERCONTINENTAL IAH AIRPORT ASR9	TX		880751459
UST	IAH ASR9	IAH AIRPORT ASR9 <i>Facility Status / Facility ID:</i> INACTIVE 64071 <i>Tank ID / Status / Status Begin Date:</i> 1A REMOVED FROM GROUND 01/12/1994, 1 REMOVED FROM GROUND 12/01/2016	TX		814986245

Unplottable Report

Site: BASIC CONTRACTING INC
LEE RD HOUSTON TX

AIR PERMITS

Permit No: 46120
Permit Type: PBR
Program Area: NSR
Project No: 76396
Project Name: TRENCH BURNER-ACD 23040
Legal Name: Basic Contracting, Inc.
CN No: CN601017569
Regulated Entity: RN102203171
Region Name: REGION 12 - HOUSTON
County Name: HARRIS

Details

Permit Status: CANCELLED
Project Type: INITIAL
Project Status: COMPLETE
TCEQ Received Date: 10/20/00
Technical Review Finished: 11/01/00
Renewal Date:

Site: BASIC CONTRACTING INC
ON LEE RD HOUSTON TX

AIR PERMITS

Permit No: 46121
Permit Type: PBR
Program Area: NSR
Project No: 76397
Project Name: TRENCH BURNER-#2-633052
Legal Name: Basic Contracting, Inc.
CN No: CN601017569
Regulated Entity: RN102203882
Region Name: REGION 12 - HOUSTON
County Name: HARRIS

Details

Permit Status: CANCELLED
Project Type: INITIAL
Project Status: COMPLETE
TCEQ Received Date: 10/20/00
Technical Review Finished: 11/15/00
Renewal Date:

Site: BASIC CONTRACTING INC
LEE RD HOUSTON TX

AIR PERMITS

Permit No: 46120A
Permit Type: PBR
Program Area: NSR
Project No: 78345
Project Name: TRENCH BURNER
Legal Name: Basic Contracting, Inc.
CN No: CN601017569
Regulated Entity: RN102203171
Region Name: REGION 12 - HOUSTON

County Name: HARRIS

Details

Permit Status: CANCELLED
Project Type: INITIAL
Project Status: COMPLETE
TCEQ Received Date: 01/25/01
Technical Review Finished: 03/02/01
Renewal Date:

Site: IAH RAMP OPERATIONS WILL CLAYTON PARKWAY HOUSTON TX ERNS

NRC Report No: 807537
Type of Incident: AIRCRAFT
Incident Cause: UNKNOWN
Incident Date: 8/11/2006 7:50:00 AM
Incident Location: GEORGE BUSH INTERNATIONAL AIRPORT
Incident Dtg: OCCURRED
Distance from City:
Distance Units:
Direction from City:
Location County: HARRIS
Potential Flag:
Year: Year 2006 Reports
Description of Incident: CALLER STATED WHEN THE FORWARD COMPARTMENT WAS OPEN ON A COMMERCIAL PASSENGER AIR CRAFT RAMP AGENTS WENT INSIDE THE COMPARTMENT AND THEIR EYES BECAME IRRITATED. THEY ALSO SMELLED A SWEET SMELLING ODOR WHICH IS UNKNOWN AT THIS TIME. THE MATERIALS AND THE SOURCE IS UNKNOWN AS WELL. THIS HAS BEEN CHECKED OUT BY THE LOCAL HAZMAT GROUP AND THE TEST CAME BACK NEGATIVE. THE RAMP AGENTS HAVE BEEN CHECK OUT AND HAVE RETURNED BACK TO SERVICE.

Latitude Degrees:
Latitude Minutes:
Latitude Seconds:
Longitude Degrees:
Longitude Minutes:
Longitude Seconds:
Lat Quad:
Long Quad:
Location Section:
Location Township:
Location Range:

Material Spill Information

Chris Code: NCC
CAS No: 000000-00-0
UN No:
Name of Material: UNKNOWN MATERIALS
Amount of Material: 0
Unit of Measure: UNKNOWN AMOUNT
If Reached Water: NO
Amount in Water:
Unit Reach Water:

Calls Information

Date Time Received: 8/11/2006 4:42:56 PM
Date Time Complete: 8/11/2006 5:01:47 PM
Call Type: INC
Resp Company:
Resp Org Type: UNKNOWN
Responsible City:
Responsible State: XX
Responsible Zip:
Source: TELEPHONE

Incident Information

Tank ID:
Tank Regulated: U
Tank Regulated By:
Capacity of Tank:
Capacity Tank Units:
Description of Tank:
Actual Amount:
Actual Amount Units:
Tank Above Ground: ABOVE
NPDES:
NPDES Compliance: U
Init Contin Rel No:
Contin Rel Permit:
Contin Release Type:
Aircraft ID: 213
Aircraft Runway No:
Building ID:
Location Area ID:
Location Block ID:
OCSG No:
OCSP No:
State Lease No:
Pier Dock No:
Berth Slip No:
Brake Failure: N
Airbag Deployed:
Transport Contain: U
Location Subdiv:
Platform Rig Name:
Platform Letter:
Allision: N
Type of Structure:

Aircraft Spot No:
Aircraft Type: COMMERCIAL
Aircraft Model: 737
Aircraft Fuel Cap:
Aircraft Fuel Cap U:
Aircraft Fuel on Brd:
Aircraft Fuel OB U:
Aircraft Hanger:
Road Mile Marker:
Power Gen Facility: U
Generating Capacity:
Type of Fixed Obj:
Type of Fuel:
DOT Crossing No:
DOT Regulated: U
Pipeline Type:
Pipeline Abv Ground: ABOVE
Pipeline Covered: U
Exposed Underwater: N
Railroad Hotline:
Railroad Milepost:
Grade Crossing: N
Crossing Device Ty:
Ty Vehicle Involved:
Device Operational: Y

Structure Name:
Structure Oper: U
Transit Bus Flag:
Date Time Norm Serv:
Serv Disrupt Time:
Serv Disrupt Units:
CR Begin Date:
CR End Date:
CR Change Date:
FBI Contact:
FBI Contact Dt Tm:
Passenger Handling:
Passenger Route: XXX
Passenger Delay: XXX
Sub Part C Test Req: XXX
Conductor Test:
Engineer Test:
Trainman Test:
Yard Foreman Test:
RCL Operator Test:
Brakeman Test:
Train Dispat Test:
Signalman Test:
Oth Employee Test:
Unknown Test:

Incident Details Information

Release Secured: U
Release Rate:
Release Rate Unit:
Release Rate Rate:
Est Duration of Rel:
Desc Remedial Act: CALLER STATED THE AIRPLANE WAS CHECKED OUT BY HAZMAT, AND THE TEST CAME BACK AS NEGATIVE.
Fire Involved: N
Fire Extinguished: U
Any Evacuations: N
No Evacuated:
Who Evacuated:
Radius of Evacu:
Any Injuries: N
No. Injured:
No. Hospitalized:
No. Fatalities:
Any Fatalities: N
Any Damages: N
Damage Amount:
Air Corridor Closed: N
Air Corridor Desc:
Air Closure Time:
Waterway Closed: N
Waterway Desc:
Waterway Close Time:
Road Closed: N
Road Desc:
Road Closure Time:
Road Closure Units:
Closure Direction:
Major Artery: No
Track Closed: N
Track Desc:
Track Closure Time:
Track Closure Units:
Track Close Dir:
Media Interest: NONE
Medium Desc: AIR

State Agen Report No:
State Agen on Scene: AIRPORT FIRE DEPT, LOCAL HAZMAT GROUP
State Agen Notified: AIRPORT FIRE DEPT, LOCAL HAZMAT GROUP
Fed Agency Notified:
Oth Agency Notified:
Body of Water:
Tributary of:
Near River Mile Make:
Near River Mile Mark:
Offshore: N
Weather Conditions: SUNNY
Air Temperature: 94
Wind Direction:
Wind Speed:
Wind Speed Unit:
Water Supp Contam: U
Water Temperature:
Wave Condition:
Current Speed:
Current Direction:
Current Speed Unit:
EMPL Fatality:
Pass Fatality:
Community Impact: N
Passengers Transfer: NO
Passenger Injuries:
Employee Injuries:
Occupant Fatality:
Sheen Size:
Sheen Size Units:
Sheen Size Length:
Sheen Size Length U:
Sheen Size Width:
Sheen Size Width U:
Sheen Color:
Dir of Sheen Travel:
Sheen Odor Desc:
Duration Unit:

Add Medium Info: INSIDE OF AN AIRPLANE COMPARTMENT. **Additional Info:** CALLER STATED THE PERSONS AFFECTED WERE CHECKED OUT AND RETURNED TO SERVICE ALSO OSHA CALLED CONTINENTAL TO GET MORE INFORMATION.

Site: ROADWAY INN INT AIRPORT WWTP
2000' SW INTX WILL CLAYTON PKWY AND US HWY 59 HOUSTON TX 77396

[FINDS/FRS](#)

Registry ID: 110039199024
FIPS Code: TX201
HUC Code: 12040104
Site Type Name: STATIONARY
Location Description: INVESTMENTS, LTD.
Supplemental Location: & USHWY 59, HARRIS COUNTY
Create Date: 24-AUG-09
Update Date: 11-JAN-16
Interest Types: ICIS-NPDES NON-MAJOR
SIC Codes: 4952
SIC Code Descriptions: SEWERAGE SYSTEMS
NAICS Codes:
NAICS Code Descriptions:
Conveyor: ICIS
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No: 02
Census Block Code: 482012501001020
EPA Region Code: 06
County Name: HARRIS
US/Mexico Border Ind:
Latitude: 29.97
Longitude: -95.279444
Reference Point:
Coord Collection Method:
Accuracy Value: 9999
Datum: NAD83
Source:
Facility Detail Rprt URL: https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110039199024
Program Acronyms:

NPDES:TX0079570

Site: HOU CSJ 0177-05-110
IH 69 FROM WILL CLAYTON PKWY. IN HARRIS CO. TO NOR HUMBLE TX 77338

[FINDS/FRS](#)

Registry ID: 110070187046
FIPS Code: 201
HUC Code:
Site Type Name:
Location Description: IH 69 FROM WILL CLAYTON PKWY. IN HARRIS CO. TO NORTH MONTGOMERY CO. LINE
Supplemental Location: IH 69 FROM WILL CLAYTON PKWY. IN HARRIS CO. TO NOR
Create Date: 14-FEB-18
Update Date:
Interest Types: STATE MASTER
SIC Codes:
SIC Code Descriptions:
NAICS Codes:
NAICS Code Descriptions:
Conveyor:
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No:
Census Block Code:
EPA Region Code: 06

County Name: HARRIS
US/Mexico Border Ind:
Latitude:
Longitude:
Reference Point:
Coord Collection Method:
Accuracy Value:
Datum: NAD83
Source:
Facility Detail Rprt URL: https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110070187046
Program Acronyms:

TX-TCEQ ACR:RN107742678

Site: THE PARKING SPOT 2 - WILL CLAYTON
1000 FEET WEST OF THE INTERSECTION OF WILL CLAYTON HUMBLE TX 77388

[FINDS/FRS](#)

Registry ID: 110070355806
FIPS Code:
HUC Code: 12040104
Site Type Name: STATIONARY
Location Description:
Supplemental Location: PKWY AND MCKAY BLVD.
Create Date: 05-OCT-18
Update Date:
Interest Types: ICIS-NPDES NON-MAJOR, STORM WATER CONSTRUCTION
SIC Codes:
SIC Code Descriptions:
NAICS Codes:
NAICS Code Descriptions:
Conveyor: ICIS
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No: 18
Census Block Code: 482012415001016
EPA Region Code: 06
County Name:
US/Mexico Border Ind:
Latitude: 29.984636
Longitude: -95.28394
Reference Point:
Coord Collection Method:
Accuracy Value:
Datum: NAD83
Source:
Facility Detail Rprt URL: https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110070355806
Program Acronyms:

NPDES:TXR157460

Site: HARRIS COUNTY MUD 412
APPROX 1.8 MI SE OF INTXN WILL CLAYTON PKWY & TIMB HOUSTON TX 77044

[FINDS/FRS](#)

Registry ID: 110034090711
FIPS Code: 48201
HUC Code: 12040101
Site Type Name: STATIONARY
Location Description:
Supplemental Location:
Create Date: 02-APR-08
Update Date:
Interest Types: STATE MASTER
SIC Codes: 4952
SIC Code Descriptions: SEWERAGE SYSTEMS

NAICS Codes: 221320
NAICS Code Descriptions: SEWAGE TREATMENT FACILITIES.
Conveyor: TX-TCEQ ACR
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No: 02
Census Block Code: 482012504021080
EPA Region Code: 06
County Name: HARRIS
US/Mexico Border Ind:
Latitude: 29.9613
Longitude: -95.2088
Reference Point:
Coord Collection Method:
Accuracy Value:
Datum: NAD83
Source:
Facility Detail Rprt URL: https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110034090711
Program Acronyms:

TX-TCEQ ACR:RN104303003

Site: 8L ALSF SUBSTATION BLDG
 IAH AIRPORT HOUSTON TX

HIST TANK

Facility ID:	NL91914	Owner Street Dsg:	
Region No:	12	Owner Post Dir:	
County Code:	101	Owner City:	HOUSTON
Owner ID:	13762	Owner State:	TX
Owner Name:	FEDERAL AVIATION ADMINISTRATION	Owner Zip:	77061
Owner Street No:	8410	Gender:	MR
Owner Street Dir:		Owner Contact:	DANNY BRADFORD
Owner Street Name:	LOCKHEED	Owner Last Name:	BRADFORD

Note: Documents related to facilities in Texas can be searched on TCEQ Records Online Central File Room (CFR):
https://records.tceq.texas.gov/cs/idcplg?IdcService=TCEQ_SEARCH
 Basic information, including RN numbers, for facilities in TX can be searched on the TCEQ Central Registry: <https://www15.tceq.texas.gov/crpub/>
 Information about how to use these resources can be found here: <https://www.tceq.texas.gov/assets/public/agency/How-to-Use-Central-File-Room-Online.pdf>

Tank Detail Info

Trk No:	M30527011	Method Filing:	FRM
Const Type:	INS	Filing Entity:	CT
Const Date:		Date Data Entered:	6/3/2003 12:00:00 AM
Contractor No:	0764	Comment Entered Dt:	
Notification Status:	indefinite	Clerk Initials:	SC
Dt Notif Received:	5/27/2003 12:00:00 AM	Prefix:	in the near future
Comments on NOC:			

Site: IAH Airport HUMBLE TX

HMIRS

Incident County: HARRIS

HMIR Incident Reports

Report No:	I-2019100027	Fed DOT Agency Nm:	
Report Type:	A hazardous material incident	Fed DOT Report No:	
Date of Incident:	2019-09-30	Report Submit Src:	Paper
Time of Incident:	1502	Inc Multiple Rows:	No
Haz Class Code:		Inc Non US State:	
Hazardous Class:	3	Mode Transport:	Air
Commodity Short Nm:	PETROLEUM CRUDE OIL	Transport Phase:	In Transit

Commodity Long Nm: PETROLEUM CRUDE OIL
Trade Name:
ID No: UN1267
Haz Waste Ind: No
Haz Waste EPA No:
HMIS Tox Inhalation?: No
TIH Hazard Zone:
Qty Released: 0.26418
Unit of Measure: Liquid - Gallon
What Failed: 128
What Failed Desc: Inner Packaging
How Failed Code: 308
How Failed Desc: Leaked
Failure Cause Code: 517
Failure Cause Desc: Improper Preparation for Transportation
Ident. Markings: UN 4G/X9/S/10/USA/+AC2670
Cont1 Pkging Type: Box
Cont1 Const Mat: Fiberboard
Cont1 Head Type:
Cont1 Pkg Capacity: 0
C1 Capacity UOM:
Cont1 Pkg Amt: 0.92463
C1 Pkg Amt UOM: LGA
Cont1 Pkg No: 4
C1 Pkg NO Failed: 2
Cont1 Pkg Mnfrct:
Cont1 Pkg Mnfrct Dt: 0-00-00 00:00:00
Cont1 Pkg Serial NO:
C1 Pkg Last Test Dt: 0-00-00 00:00:00
C1 Test Const Mat: Fiberboard
C1 Pkg Dsign Pres.: 0
C1 Dsign Press UOM:
C1 Pkg Shell Thick: 0
C1 Shell Thick UOM:
C1 Head Thickness: 0
C1 Head Thick UOM:
C1 Pkg Srvc Pres.: 0
C1 Srvc Press UOM:
C1 Valve/Device Fail?: No
C1 Device Type:
C1 Device Mnfrct:
C1 Device Model:
NRC No: 1259900

RAM Pkg Category:
RAM Pkg Cert.: FALSE
RAM Pkg Cert. NBR:
RAM Nuclide S:
RAM Transport Index:
RAM UOM:
RAM Activity Rpted: 0
RAM UOM Rpted:
RAM Activity: 0
RAM Activity UOM:
RAM Mat Safety:
Spillage Result: Yes
Fire Result: No
Explosion Result: No
Water Sewer Result: No
Gas Dispersion: No
Environment Damage: No
No Release Result: No
Fire EMS Report: No
Fire EMS EMS Report:
Police Report: No
Police Report No:
In House Cleanup: No
Other Cleanup: Yes
Damage > 500: No

Material Loss: 0

Incident Occrrnce: DURING FLIGHT
Mat Ship Approval?: No
Mat Ship Approv No:
Undecl Hazmat Ship?: No
Packaging Type: Non-Bulk
Packing Group: III
Carrier Reporter: AMERICAN AIRLINES
CR Street Name: 1 Skyview Drive
CR City: FORT WORTH
CR State: TX
CR Postal Code: 76155
CR Non US State:
CR Fed DOT ID: 533344
CR Hazmat Reg ID: 061519600012B
CR Country: US
Shipper Name: Etech Company LTD for BNE LTD
Shipper Street Name: VIA AERO DISPATCH SVCS, 41 ALBERT ST.
Shipper City: Belize City
Shipper State:
Shipper Postal:
Shipper Non US St: ZZ
Shipper Country: BZ
Shipper Waybill: 001-02468830
Ship Hazmat Reg ID:
Origin City:
Origin State:
Origin Postal:
Origin Non US St:
Origin Country: US
Destination City: HOUSTON
Destination State: TEXAS
Destination Postal: 77099
Destination Non US:
Destination Country: US
Cont2 Package Type:
Cont2 Const Mat:
Cont2 Pkg Capacity: 0
Cont2 Capacity UOM:
Cont2 Pkg Amount: 0
Cont2 Pkg Amt UOM:
Cont2 Pkg No: 0
Cont2 Pkg No Failed: 0

Haz NonHosp Public: 0
Haz NonHosp Old:
Tot Haz Non Hosp Inj:
Total Hazmat Injuries: 0
Evacuation Indicator: No
Public Evacuated: 0
Employees Evac: 0
Total Evacuated: 0
Total Evacuation Hrs: 0
Major Artery Closed: No
Mjr Artery Hrs Closed: 0
Material Involved: No
Estimated Speed: 0
Weather Conditions:
Vehicle Overturn: No
Vehicle Left Roadway: No
Passenger Aircraft: Yes
Cargo Baggage: C
Ship Non Transport: No
Ship Air First Flight: No
Ship Air Subflight: Yes
Ship Init Transport: No
Ship Phase Transfer: No
Contact Name: BRIAN FYFFE
Contact Title: SR. SPECIALIST DANGEROUS GOODS COMPLIANCE
Contact Business: AMERICAN AIRLINES

Carrier Damage: 0
Property Damage: 0
Response Cost: 0
Remediation Cost: 0
Damage Old Form: 0
Total Damages Amt: 0
Hazmat Fatality: No
Haz Fatal Employees: 0
Haz Fatal Respndrs: 0
Haz Fatal Gen Public: 0
Tot Hazmat Fatalities: 0
Non Hazmat Fatality: No
Non Hazmat Fataals: 0
Hazmat Injury: No
Haz Hospital Empl: 0
Haz Hospital Resp: 0
Haz Hosp Gen Public: 0
Haz Hosp Old Form: 0
Total Haz Hosp Inj: 0
Haz Non Hosp Empl: 0
Haz Non Hosp Resp: 0
Description of Events:

Contact Street: 1 SKYVIEW DRIVE
Contact City: Fort Worth
Contact State: TX
Contact Postal: 76155
Contact Non US St:
Contact Country: US
Inc. Report Prepared: Carrier
HMIS Serious Incidnt: No
HMIS Serious Fatality: No
HMIS Serious Injury: No
HMIS Flight Plan: No
HMIS Serious Evacs: No
HMIS Major Artery: No
HMIS Bulk Release: No
HMIS Marine Pollutnt: No
HMIS Radioactive: No
HMIS Gen Pkg Type: BOX FIBER
HMIS Container Code: 4G
HMIS Container Desc: Fiberboard box
HMIS Bulk Incident: No
Undeclared Shipment: No

The Shipment was picked up from the Ramp after flight arrived around 13:30. The ramp contacted the cargo facility that the shipment was Leaking and that Maintenance Was cleaning the little bit left in the Aircraft Belly. Once the shipment arrived at the cargo facility it was observed what appeared that Two(2) boxes were Leaking. Cargo Management was notified and issue was escalated. Item has been segregated in our cargo facility and is awaiting further instructions.

Recommend Actions Taken: Contact the shipper and validate that they are aware of the issue and are in full compliance with packaging shipments moving forward.

Site: IAH Houston TX

HMIRS

Incident County: HARRIS

HMIR Incident Reports

Report No: E-2018035170
Report Type: A hazardous material incident
Date of Incident: 2018-03-17
Time of Incident: 1555
Haz Class Code:
Hazardous Class: 9
Commodity Short Nm: LITHIUM ION BATTERIES CO
Commodity Long Nm: LITHIUM ION BATTERIES CONTAINED IN EQUIPMENT INCLUDING LITHIUM ION POLYMER BATTERIES
Trade Name: Vip charger
ID No: UN3481
Haz Waste Ind: No
Haz Waste EPA No:
HMIS Tox Inhalation?: No
TIH Hazard Zone:
Qty Released: 0.26418
Unit of Measure: Liquid - Gallon
What Failed:
What Failed Desc:
How Failed Code:
How Failed Desc:
Failure Cause Code:
Failure Cause Desc:
Ident. Markings: None
Cont1 Pkgng Type:
Cont1 Const Mat:
Cont1 Head Type:
Cont1 Pkg Capacity: 0.015625
C1 Capacity UOM: LGA
Cont1 Pkg Amt: 0.015625
C1 Pkg Amt UOM: LGA
Cont1 Pkg No: 1

Fed DOT Agency Nm: Federal Aviation Administration (FAA)
Fed DOT Report No: N/A
Report Submit Src: Web
Inc Multiple Rows: No
Inc Non US State:
Mode Transport: Air
Transport Phase: In Transit
Incident Occrrnce: DURING FLIGHT

Mat Ship Approval?: No
Mat Ship Approv No:
Undecl Hazmat Ship?: No
Packaging Type: Other - Portable Charger
Packing Group:
Carrier Reporter: UNITED AIRLINES, INC.
CR Street Name: 233 S WACKER DR STE 430
CR City: CHICAGO
CR State: IL
CR Postal Code: 60606-6462
CR Non US State:
CR Fed DOT ID: 0
CR Hazmat Reg ID:
CR Country: US
Shipper Name: INDIVIDUAL - NOT A COMPANY
Shipper Street Name: Unknown
Shipper City: CORPUS CHRISTI
Shipper State: TX
Shipper Postal: 78401
Shipper Non US St:
Shipper Country: US
Shipper Waybill:
Ship Hazmat Reg ID:

C1 Pkg NO Failed: 1
Cont1 Pkg Mnfr:
Cont1 Pkg Mnfr Dt: 0-00-00 00:00:00
Cont1 Pkg Serial NO:
C1 Pkg Last Test Dt: 0-00-00 00:00:00
C1 Test Const Mat:
C1 Pkg Dsign Pres.: 0
C1 Dsign Press UOM:
C1 Pkg Shell Thick: 0
C1 Shell Thick UOM:
C1 Head Thickness: 0
C1 Head Thick UOM:
C1 Pkg Srvc Pres.: 0
C1 Srvc Press UOM:
C1 Valve/Device Fail?: No
C1 Device Type:
C1 Device Mnfr:
C1 Device Model:
NRC No: 1207072

RAM Pkg Category:
RAM Pkg Cert.: FALSE
RAM Pkg Cert. NBR:
RAM Nuclide S:
RAM Transport Index:
RAM UOM:
RAM Activity Rpted: 0
RAM UOM Rpted:
RAM Activity: 0
RAM Activity UOM:
RAM Mat Safety:
Spillage Result: No
Fire Result: Yes
Explosion Result: No
Water Sewer Result: No
Gas Dispersion: No
Environment Damage: No
No Release Result: No
Fire EMS Report: No
Fire EMS EMS Report:
Police Report: No
Police Report No:
In House Cleanup: Yes
Other Cleanup: No
Damage > 500: No
Material Loss: 0
Carrier Damage: 0
Property Damage: 0
Response Cost: 0
Remediation Cost: 0
Damage Old Form: 0
Total Damages Amt: 0
Hazmat Fatality: No
Haz Fatal Employees: 0
Haz Fatal Respndrs: 0
Haz Fatal Gen Public: 0
Tot Hazmat Fatalities: 0
Non Hazmat Fatality: No
Non Hazmat Fatals: 0
Hazmat Injury: No
Haz Hospital Empl: 0
Haz Hospital Resp: 0
Haz Hosp Gen Public: 0
Haz Hosp Old Form: 0
Total Haz Hosp Inj: 0
Haz Non Hosp Empl: 0
Haz Non Hosp Resp: 0
Description of Events:

Origin City:
Origin State:
Origin Postal:
Origin Non US St:
Origin Country: US
Destination City:
Destination State:
Destination Postal:
Destination Non US:
Destination Country:
Cont2 Package Type:
Cont2 Const Mat:
Cont2 Pkg Capacity: 0
Cont2 Capacity UOM:
Cont2 Pkg Amount: 0
Cont2 Pkg Amt UOM:
Cont2 Pkg No: 0
Cont2 Pkg No Failed: 0

Haz NonHosp Public: 0
Haz NonHosp Old:
Tot Haz Non Hosp Inj:
Total Hazmat Injuries: 0
Evacuation Indicator: No
Public Evacuated: 0
Employees Evac: 0
Total Evacuated: 0
Total Evacuation Hrs: 0
Major Artery Closed: No
Mjr Artery Hrs Closed: 0
Material Involved: No
Estimated Speed: 0
Weather Conditions:
Vehicle Overturn: No
Vehicle Left Roadway: No
Passenger Aircraft: Yes
Cargo Baggage: P
Ship Non Transport: No
Ship Air First Flight: Yes
Ship Air Subflight: No
Ship Init Transport: No
Ship Phase Transfer: No
Contact Name: NANCY FINKENKELLER
Contact Title:
Contact Business: United Airlines
Contact Street: 233 S Wacker
Contact City: Chicago
Contact State: IL
Contact Postal: 60606
Contact Non US St:
Contact Country: US
Inc. Report Prepared: Carrier
HMIS Serious Incidnt: No
HMIS Serious Fatality: No
HMIS Serious Injury: No
HMIS Flight Plan: No
HMIS Serious Evacs: No
HMIS Major Artery: No
HMIS Bulk Release: No
HMIS Marine Pollutnt: No
HMIS Radioactive: No
HMIS Gen Pkg Type: JERRICAN
HMIS Container Code: 3A1
HMIS Container Desc: Non-removable head steel jerrican
HMIS Bulk Incident: No
Undeclared Shipment: No

Passenger Christopher Carreroblanco's back pack mad a popping sound and then a battery charger (passenger indicated it was a VIP brand) exploded and started on fire the crew used the fire extinguisher on the item and then moved it into a thermal bag. Passenger was traveling on PNR with Yunaysis Blancoferrer- No address found for Christopher the address and contact information in the PNR was for Yunaysis: 5901 Weber DR Apt 304 Corpus

Recommend Actions Taken:

Site:
IAH Airport HOUSTON TX

HMIRS

Incident County: HARRIS

HMIR Incident Reports

Report No: E-2011010377
Report Type: A hazardous material incident
Date of Incident: 2011-01-03
Time of Incident: 1115
Haz Class Code:
Hazardous Class: 9
Commodity Short Nm: ENVIRONMENTALLY HAZARDOU
Commodity Long Nm: ENVIRONMENTALLY HAZARDOUS SUBSTANCES, SOLID, N.O.S.

Trade Name: Oxyfluorfen
ID No: UN3077
Haz Waste Ind: No
Haz Waste EPA No:
HMIS Tox Inhalation?: No
TIH Hazard Zone:
Qty Released: 0.110231
Unit of Measure: Solid - Pound
What Failed: 104
What Failed Desc: Body
How Failed Code: 309
How Failed Desc: Punctured
Failure Cause Code: 501
Failure Cause Desc: Abrasion

Ident. Markings:
Cont1 Pkging Type: Bag
Cont1 Const Mat: Plastic
Cont1 Head Type:
Cont1 Pkg Capacity: 33.069344
C1 Capacity UOM: SLB
Cont1 Pkg Amt: 33.069344
C1 Pkg Amt UOM: SLB
Cont1 Pkg No: 74
C1 Pkg NO Failed: 2
Cont1 Pkg Mnfctr:
Cont1 Pkg Mnfct Dt: 0-00-00 00:00:00
Cont1 Pkg Serial NO:
C1 Pkg Last Test Dt: 0-00-00 00:00:00
C1 Test Const Mat: Plastic
C1 Pkg Dsign Pres.: 0
C1 Dsign Press UOM:
C1 Pkg Shell Thick: 0
C1 Shell Thick UOM:
C1 Head Thickness: 0
C1 Head Thick UOM:
C1 Pkg Srvc Pres.: 0
C1 Srvc Press UOM:
C1 Valve/Device Fail?: No
C1 Device Type:
C1 Device Mnfctr:
C1 Device Model:
NRC No:

RAM Pkg Category:
RAM Pkg Cert.: FALSE
RAM Pkg Cert. NBR:
RAM Nuclide S:
RAM Transport Index:
RAM UOM:
RAM Activity Rpted: 0

Fed DOT Agency Nm:
Fed DOT Report No:
Report Submit Src: Web
Inc Multiple Rows: No
Inc Non US State:
Mode Transport: Highway
Transport Phase: Unloading
Incident Occrrnce:
Mat Ship Approval?: No
Mat Ship Approv No:
Undecl Hazmat Ship?: No
Packaging Type: Non-Bulk
Packing Group: III
Carrier Reporter: Delta Air Lines
CR Street Name: 1020 Delta Blvd Dept 043
CR City: Atlanta
CR State: GA
CR Postal Code: 30354
CR Non US State:
CR Fed DOT ID: 407
CR Hazmat Reg ID: 060410550023S
CR Country: US
Shipper Name: AGAN Chemical Manufacturers Ltd
Shipper Street Name: PO Box 262
Shipper City: Ashdod
Shipper State:
Shipper Postal: 77102
Shipper Non US St: ZZ
Shipper Country: IL
Shipper Waybill:
Ship Hazmat Reg ID:
Origin City:
Origin State:
Origin Postal:
Origin Non US St:
Origin Country: US
Destination City: PASADENA
Destination State: TEXAS
Destination Postal: 77507
Destination Non US:
Destination Country: US
Cont2 Package Type:
Cont2 Const Mat:
Cont2 Pkg Capacity: 0
Cont2 Capacity UOM:
Cont2 Pkg Amount: 0
Cont2 Pkg Amt UOM:
Cont2 Pkg No: 0
Cont2 Pkg No Failed: 0

Haz NonHosp Public: 0
Haz NonHosp Old:
Tot Haz Non Hosp Inj:
Total Hazmat Injuries: 0
Evacuation Indicator: No
Public Evacuated: 0
Employees Evac: 0

RAM UOM Rpted:		Total Evacuated:	0
RAM Activity:	0	Total Evacuation Hrs:	0
RAM Activity UOM:		Major Artery Closed:	No
RAM Mat Safety:		Mjr Artery Hrs Closed:	0
Spillage Result:	Yes	Material Involved:	No
Fire Result:	No	Estimated Speed:	0
Explosion Result:	No	Weather Conditions:	
Water Sewer Result:	No	Vehicle Overturn:	No
Gas Dispersion:	No	Vehicle Left Roadway:	No
Environment Damage:	No	Passenger Aircraft:	No
No Release Result:	No	Cargo Baggage:	
Fire EMS Report:	No	Ship Non Transport:	No
Fire EMS EMS Report:		Ship Air First Flight:	No
Police Report:	No	Ship Air Subflight:	No
Police Report No:		Ship Init Transport:	No
In House Cleanup:	No	Ship Phase Transfer:	No
Other Cleanup:	No	Contact Name:	RICHARD BLENKUSH
Damage > 500:	No	Contact Title:	MANAGER - CORP DANGEROUS GOODS
Material Loss:	0	Contact Business:	Delta Air Lines
Carrier Damage:	0	Contact Street:	1020 Delta Blvd Dept 043
Property Damage:	0	Contact City:	Atlanta
Response Cost:	0	Contact State:	GA
Remediation Cost:	0	Contact Postal:	30354
Damage Old Form:	0	Contact Non US St:	
Total Damages Amt:	0	Contact Country:	US
Hazmat Fatality:	No	Inc. Report Prepared:	Carrier
Haz Fatal Employees:	0	HMIS Serious Incidnt:	No
Haz Fatal Respndrs:	0	HMIS Serious Fatality:	No
Haz Fatal Gen Public:	0	HMIS Serious Injury:	No
Tot Hazmat Fatalities:	0	HMIS Flight Plan:	No
Non Hazmat Fatality:	No	HMIS Serious Evacs:	No
Non Hazmat Fataals:	0	HMIS Major Artery:	No
Hazmat Injury:	No	HMIS Bulk Release:	No
Haz Hospital Empl:	0	HMIS Marine Pollutnt:	No
Haz Hospital Resp:	0	HMIS Radioactive:	No
Haz Hosp Gen Public:	0	HMIS Gen Pkg Type:	BAG PLASTIC
Haz Hosp Old Form:	0	HMIS Container Code:	BAG PLS
Total Haz Hosp Inj:	0	HMIS Container Desc:	Plastic bag (cont1 for solid materials)
Haz Non Hosp Empl:	0	HMIS Bulk Incident:	No
Haz Non Hosp Resp:	0	Undeclared Shipment:	No
Description of Events:	Two bags from adjoining pallets rubbed while truck was enroute from Delta Cargo in ATL to Delta Cargo in IAH. A small amount of this solid leaked on truck floor and warehouse floor.		
Recommend Actions Taken:	Stronger packaging would help damage occuring during routine transit.		

Site: Houston Bush Airport (IAH) HOUSTON TX HMIRS

Incident County: HARRIS

HMIR Incident Reports

Report No:	E-2008050103	Fed DOT Agency Nm:	
Report Type:	A hazardous material incident	Fed DOT Report No:	
Date of Incident:	2008-05-01	Report Submit Src:	Web
Time of Incident:	1232	Inc Multiple Rows:	No
Haz Class Code:		Inc Non US State:	
Hazardous Class:	8	Mode Transport:	Air
Commodity Short Nm:	BATTERIES, WET, NON-SPIL	Transport Phase:	Unloading
Commodity Long Nm:	BATTERIES, WET, NON-SPILLABLE, ELECTRIC STORAGE	Incident Occrrnce:	DURING LOADING/UNLOADING OF AIRCRAFT
Trade Name:	wheelchair bat	Mat Ship Approval?:	No
ID No:	UN2800	Mat Ship Approv No:	
Haz Waste Ind:	No	Undecl Hazmat Ship?:	No
Haz Waste EPA No:		Packaging Type:	Non-Bulk
HMIS Tox Inhalation?:	No	Packing Group:	
TIH Hazard Zone:		Carrier Reporter:	Continental Airlines
Qty Released:	0.03125	CR Street Name:	1600 Smith Street
Unit of Measure:	Liquid - Gallon	CR City:	HOUSTON
What Failed:	109	CR State:	TX

What Failed Desc: Closure (e.g., Cap, Top, or Plug)
How Failed Code: 308
How Failed Desc: Leaked
Failure Cause Code: 521
Failure Cause Desc: Inadequate Preparation for Transportation
Ident. Markings:
Cont1 Pkging Type: Pressure receptacle
Cont1 Const Mat: Plastic
Cont1 Head Type:
Cont1 Pkg Capacity: 0
C1 Capacity UOM:
Cont1 Pkg Amt: 0
C1 Pkg Amt UOM:
Cont1 Pkg No: 0
C1 Pkg NO Failed: 0
Cont1 Pkg Mnfrct:
Cont1 Pkg Mnfrct Dt: 0-00-00 00:00:00
Cont1 Pkg Serial NO:
C1 Pkg Last Test Dt: 0-00-00 00:00:00
C1 Test Const Mat: Plastic
C1 Pkg Dsign Pres.: 0
C1 Dsign Press UOM:
C1 Pkg Shell Thick: 0
C1 Shell Thick UOM:
C1 Head Thickness: 0
C1 Head Thick UOM:
C1 Pkg Srvc Pres.: 0
C1 Srvc Press UOM:
C1 Valve/Device Fail?: No
C1 Device Type:
C1 Device Mnfrct:
C1 Device Model:
NRC No:

CR Postal Code: 77002
CR Non US State:
CR Fed DOT ID: 0
CR Hazmat Reg ID: ACO-92-2
CR Country: US
Shipper Name: Continental Airlines
Shipper Street Name: 1600 Smith Street
Shipper City: HOUSTON
Shipper State: TX
Shipper Postal: 77002
Shipper Non US St:
Shipper Country: US
Shipper Waybill:
Ship Hazmat Reg ID:
Origin City:
Origin State:
Origin Postal:
Origin Non US St:
Origin Country: US
Destination City: HOUSTON
Destination State: TEXAS
Destination Postal: 77205
Destination Non US:
Destination Country: US
Cont2 Package Type:
Cont2 Const Mat:
Cont2 Pkg Capacity: 0
Cont2 Capacity UOM:
Cont2 Pkg Amount: 0
Cont2 Pkg Amt UOM:
Cont2 Pkg No: 0
Cont2 Pkg No Failed: 0

RAM Pkg Category:
RAM Pkg Cert.: FALSE
RAM Pkg Cert. NBR:
RAM Nuclide S:
RAM Transport Index:
RAM UOM:
RAM Activity Rpted: 0
RAM UOM Rpted:
RAM Activity: 0
RAM Activity UOM:
RAM Mat Safety:
Spillage Result: Yes
Fire Result: No
Explosion Result: No
Water Sewer Result: No
Gas Dispersion: No
Environment Damage: No
No Release Result: No
Fire EMS Report: No
Fire EMS EMS Report:
Police Report: No
Police Report No:
In House Cleanup: Yes
Other Cleanup: No
Damage > 500: No

Haz NonHosp Public: 0
Haz NonHosp Old:
Tot Haz Non Hosp Inj:
Total Hazmat Injuries: 0
Evacuation Indicator: No
Public Evacuated: 0
Employees Evac: 0
Total Evacuated: 0
Total Evacuation Hrs: 0
Major Artery Closed: No
Mjr Artery Hrs Closed: 0
Material Involved: No
Estimated Speed: 0
Weather Conditions:
Vehicle Overturn: No
Vehicle Left Roadway: No
Passenger Aircraft: Yes
Cargo Baggage: P
Ship Non Transport: No
Ship Air First Flight: Yes
Ship Air Subflight: No
Ship Init Transport: No
Ship Phase Transfer: No
Contact Name: BRADLEY H. HALLMARK
Contact Title: MANAGER, DANGEROUS GOODS PROGRAM
Contact Business: Continental Airlines
Contact Street: 1600 Smith Street
Contact City: HOUSTON
Contact State: TX
Contact Postal: 77002
Contact Non US St:
Contact Country: US
Inc. Report Prepared: Carrier
HMIS Serious Incidnt: No
HMIS Serious Fatality: No
HMIS Serious Injury: No

Material Loss: 0
Carrier Damage: 0
Property Damage: 0
Response Cost: 0
Remediation Cost: 0
Damage Old Form: 0
Total Damages Amt: 0
Hazmat Fatality: No
Haz Fatal Employees: 0
Haz Fatal Respndrs: 0
Haz Fatal Gen Public: 0

Tot Hazmat Fatalities: 0
Non Hazmat Fatality: No
Non Hazmat Fataals: 0
Hazmat Injury: No
Haz Hospital Empl: 0
Haz Hospital Resp: 0
Haz Hosp Gen Public: 0
Haz Hosp Old Form: 0
Total Haz Hosp Inj: 0

Haz Non Hosp Empl: 0
Haz Non Hosp Resp: 0
Description of Events:

This event involved a customer's electric wheelchair containing a reported "non-Spillable" battery. The customer declared the battery to be non-Spillable to the air carrier. The wheelchair was accepted with battery attached. Wheelchair lost proper orientation during flight and was discovered at destination to be on its side. The battery was actually a "Spillable" battery which leaked a small quantity of acid.
Recommend Actions Taken: No policy changes have been identified at this time. Adherence to existing procedures and secondary verification of battery type required.

HMIS Flight Plan: No
HMIS Serious Evacs: No
HMIS Major Artery: No
HMIS Bulk Release: No
HMIS Marine Pollutnt: No
HMIS Radioactive: No
HMIS Gen Pkg Type: CYLINDER
HMIS Container Code: CYL
HMIS Container Desc: Cylinder, a pressure vessel for compressed gases
HMIS Bulk Incident: No
Undeclared Shipment: No

Site: **Houston Bush Airport (IAH) HOUSTON TX** HMIRS

Incident County: HARRIS

HMIR Incident Reports

Report No: E-2008050101
Report Type: A hazardous material incident
Date of Incident: 2008-04-28
Time of Incident: 0636
Haz Class Code:
Hazardous Class: 8
Commodity Short Nm: BATTERIES, WET, NON-SPILL
Commodity Long Nm: BATTERIES, WET, NON-SPILLABLE, ELECTRIC STORAGE
Trade Name: Non-Spillable bat
ID No: UN2800
Haz Waste Ind: No
Haz Waste EPA No:
HMIS Tox Inhalation?: No
TIH Hazard Zone:
Qty Released: 0.03125
Unit of Measure: Liquid - Gallon
What Failed: 109;
What Failed Desc: Closure (e.g., Cap, Top, or Plug);
How Failed Code: 313;
How Failed Desc: Vented;
Failure Cause Code: ; 521
Failure Cause Desc: ; Inadequate Preparation for Transportation
Ident. Markings:
Cont1 Pkging Type: Pressure receptacle
Cont1 Const Mat: Plastic
Cont1 Head Type:
Cont1 Pkg Capacity: 0
C1 Capacity UOM:
Cont1 Pkg Amt: 0
C1 Pkg Amt UOM:
Cont1 Pkg No: 0
C1 Pkg NO Failed: 0
Cont1 Pkg Mnfctr:
Cont1 Pkg Mnfc Dt: 0-00-00 00:00:00
Cont1 Pkg Serial NO:
C1 Pkg Last Test Dt: 0-00-00 00:00:00
C1 Test Const Mat: Plastic
C1 Pkg Dsign Pres.: 0
C1 Dsign Press UOM:
C1 Pkg Shell Thick: 0
C1 Shell Thick UOM:
C1 Head Thickness: 0

Fed DOT Agency Nm:
Fed DOT Report No:
Report Submit Src: Web
Inc Multiple Rows: No
Inc Non US State:
Mode Transport: Air
Transport Phase: Unloading
Incident Occrrnce: DURING LOADING/UNLOADING OF AIRCRAFT
Mat Ship Approval?: No
Mat Ship Approv No:
Undecl Hazmat Ship?: No
Packaging Type: Non-Bulk
Packing Group:
Carrier Reporter: Continental Airlines
CR Street Name: 1600 Smith Street
CR City: HOUSTON
CR State: TX
CR Postal Code: 77002
CR Non US State:
CR Fed DOT ID: 0
CR Hazmat Reg ID: ACO-92-2
CR Country: US
Shipper Name: Continental Airlines
Shipper Street Name: 1600 Smith Street
Shipper City: HOUSTON
Shipper State: TX
Shipper Postal: 77002
Shipper Non US St:
Shipper Country: US
Shipper Waybill:
Ship Hazmat Reg ID:
Origin City:
Origin State:
Origin Postal:
Origin Non US St:
Origin Country: US
Destination City: HOUSTON
Destination State: TEXAS
Destination Postal: 77205
Destination Non US:
Destination Country: US
Cont2 Package Type:

C1 Head Thick UOM:
C1 Pkg Svc Pres.: 0
C1 Svc Press UOM:
C1 Valve/Device Fail?: No
C1 Device Type:
C1 Device Mnfr:
C1 Device Model:
NRC No:

Cont2 Const Mat:
Cont2 Pkg Capacity: 0
Cont2 Capacity UOM:
Cont2 Pkg Amount: 0
Cont2 Pkg Amt UOM:
Cont2 Pkg No: 0
Cont2 Pkg No Failed: 0

RAM Pkg Category:
RAM Pkg Cert.: FALSE
RAM Pkg Cert. NBR:
RAM Nuclide S:
RAM Transport Index:
RAM UOM:
RAM Activity Rpted: 0
RAM UOM Rpted:
RAM Activity: 0
RAM Activity UOM:
RAM Mat Safety:
Spillage Result: Yes
Fire Result: No
Explosion Result: No
Water Sewer Result: No
Gas Dispersion: No
Environment Damage: No
No Release Result: No
Fire EMS Report: No
Fire EMS EMS Report:
Police Report: No
Police Report No:
In House Cleanup: Yes
Other Cleanup: No
Damage > 500: No

Haz NonHosp Public: 0
Haz NonHosp Old:
Tot Haz Non Hosp Inj:
Total Hazmat Injuries: 0
Evacuation Indicator: No
Public Evacuated: 0
Employees Evac: 0
Total Evacuated: 0
Total Evacuation Hrs: 0
Major Artery Closed: No
Mjr Artery Hrs Closed: 0
Material Involved: No
Estimated Speed: 0
Weather Conditions:
Vehicle Overturn: No
Vehicle Left Roadway: No
Passenger Aircraft: Yes
Cargo Baggage: P
Ship Non Transport: No
Ship Air First Flight: Yes
Ship Air Subflight: No
Ship Init Transport: No
Ship Phase Transfer: No
Contact Name: BRADLEY H. HALLMARK
Contact Title: MANAGER, DANGEROUS GOODS PROGRAM

Material Loss: 0
Carrier Damage: 0
Property Damage: 0
Response Cost: 0
Remediation Cost: 0
Damage Old Form: 0
Total Damages Amt: 0
Hazmat Fatality: No
Haz Fatal Employees: 0
Haz Fatal Respndrs: 0
Haz Fatal Gen Public: 0
Tot Hazmat Fatalities: 0
Non Hazmat Fatality: No
Non Hazmat Fatals: 0
Hazmat Injury: No
Haz Hospital Empl: 0
Haz Hospital Resp: 0
Haz Hosp Gen Public: 0
Haz Hosp Old Form: 0
Total Haz Hosp Inj: 0

Contact Business: Continental Airlines
Contact Street: 1600 Smith Street
Contact City: HOUSTON
Contact State: TX
Contact Postal: 77002
Contact Non US St:
Contact Country: US
Inc. Report Prepared: Carrier
HMIS Serious Incidnt: No
HMIS Serious Fatality: No
HMIS Serious Injury: No
HMIS Flight Plan: No
HMIS Serious Evacs: No
HMIS Major Artery: No
HMIS Bulk Release: No
HMIS Marine Pollutnt: No
HMIS Radioactive: No
HMIS Gen Pkg Type: CYLINDER
HMIS Container Code: CYL
HMIS Container Desc: Cylinder, a pressure vessel for compressed gases
HMIS Bulk Incident: No
Undeclared Shipment: No

Haz Non Hosp Empl: 0
Haz Non Hosp Resp: 0
Description of Events:

This event involved a customer's electric wheelchair containing a reported "non-Spillable" battery. The customer declared the battery to be non-Spillable to the air carrier. The wheelchair was accepted with battery attached. Wheelchair lost proper orientation during flight and was discovered at destination to be on its side. The battery was actually a "Spillable" battery which leaked a small quantity of acid.

Recommend Actions Taken:

No policy changes have been identified at this time. Adherence to existing processes and secondary battery type verification is required.

Site: IAH International Airport HOUSTON TX

HMIRS

Incident County: HARRIS

HMIR Incident Reports

Report No: E-2011100203
Report Type: Undeclared Shipment with no Release
Date of Incident: 2011-09-20
Time of Incident: 1030
Haz Class Code:
Hazardous Class: 2.1
Commodity Short Nm: AEROSOLS, FLAMMABLE, (EA
Commodity Long Nm: AEROSOLS, FLAMMABLE, (EACH NOT EXCEEDING 1 L CAPACITY)

Trade Name:
ID No: UN1950
Haz Waste Ind: No
Haz Waste EPA No:
HMIS Tox Inhalation?: No
TIH Hazard Zone:
Qty Released: 0
Unit of Measure:
What Failed:
What Failed Desc:
How Failed Code:
How Failed Desc:
Failure Cause Code:
Failure Cause Desc:
Ident. Markings:
Cont1 Pkging Type: Box
Cont1 Const Mat: Fiberboard
Cont1 Head Type:
Cont1 Pkg Capacity: 0
C1 Capacity UOM:
Cont1 Pkg Amt: 0
C1 Pkg Amt UOM:
Cont1 Pkg No: 0
C1 Pkg NO Failed: 0
Cont1 Pkg Mnfrct:
Cont1 Pkg Mnfrct Dt: 0-00-00 00:00:00
Cont1 Pkg Serial NO:
C1 Pkg Last Test Dt: 0-00-00 00:00:00
C1 Test Const Mat: Fiberboard
C1 Pkg Dsign Pres.: 0
C1 Dsign Press UOM:
C1 Pkg Shell Thick: 0
C1 Shell Thick UOM:
C1 Head Thickness: 0
C1 Head Thick UOM:
C1 Pkg Srvc Pres.: 0
C1 Srvc Press UOM:
C1 Valve/Device Fail?: No
C1 Device Type:
C1 Device Mnfrct:
C1 Device Model:
NRC No:

RAM Pkg Category:
RAM Pkg Cert.: FALSE
RAM Pkg Cert. NBR:
RAM Nuclide S:
RAM Transport Index:
RAM UOM:
RAM Activity Rpted: 0
RAM UOM Rpted:
RAM Activity: 0
RAM Activity UOM:
RAM Mat Safety:
Spillage Result: No
Fire Result: No
Explosion Result: No
Water Sewer Result: No
Gas Dispersion: No

Fed DOT Agency Nm:
Fed DOT Report No:
Report Submit Src: Web
Inc Multiple Rows: No
Inc Non US State:
Mode Transport: Air
Transport Phase: In Transit Storage
Incident Occrrnce: AIR CARRIER CARGO FACILITY

Mat Ship Approval?: No
Mat Ship Approv No:
Undecl Hazmat Ship?: Yes
Packaging Type: Non-Bulk
Packing Group:
Carrier Reporter: Delta Air Lines
CR Street Name: 1020 Delta Blvd Dept 043
CR City: Atlanta
CR State: GA
CR Postal Code: 30354
CR Non US State:
CR Fed DOT ID: 407
CR Hazmat Reg ID: 060410550023S
CR Country: US
Shipper Name: Hassett Storage Warehouses
Shipper Street Name: 877 South Route 83
Shipper City: Elmhurst
Shipper State: IL
Shipper Postal: 60126
Shipper Non US St:
Shipper Country: US
Shipper Waybill: 006IAH09684172
Ship Hazmat Reg ID:
Origin City: Houston
Origin State: TX
Origin Postal:
Origin Non US St:
Origin Country: US
Destination City: HONOLULU
Destination State: HAWAII
Destination Postal: 96815
Destination Non US:
Destination Country: US
Cont2 Package Type:
Cont2 Const Mat:
Cont2 Pkg Capacity: 0
Cont2 Capacity UOM:
Cont2 Pkg Amount: 0
Cont2 Pkg Amt UOM:
Cont2 Pkg No: 0
Cont2 Pkg No Failed: 0

Haz NonHosp Public: 0
Haz NonHosp Old:
Tot Haz Non Hosp Inj:
Total Hazmat Injuries: 0
Evacuation Indicator: No
Public Evacuated: 0
Employees Evac: 0
Total Evacuated: 0
Total Evacuation Hrs: 0
Major Artery Closed: No
Mjr Artery Hrs Closed: 0
Material Involved: No
Estimated Speed: 0
Weather Conditions:
Vehicle Overturn: No
Vehicle Left Roadway: No

Environment Damage: No
No Release Result: Yes
Fire EMS Report: No
Fire EMS EMS Report:
Police Report: No
Police Report No:
In House Cleanup: No
Other Cleanup: No
Damage > 500: No
Material Loss: 0
Carrier Damage: 0
Property Damage: 0
Response Cost: 0
Remediation Cost: 0
Damage Old Form: 0
Total Damages Amt: 0
Hazmat Fatality: No
Haz Fatal Employees: 0
Haz Fatal Respndrs: 0
Haz Fatal Gen Public: 0
Tot Hazmat Fatalities: 0
Non Hazmat Fatality: No
Non Hazmat Fatafs: 0
Hazmat Injury: No
Haz Hospital Empl: 0
Haz Hospital Resp: 0
Haz Hosp Gen Public: 0
Haz Hosp Old Form: 0
Total Haz Hosp Inj: 0
Haz Non Hosp Empl: 0
Haz Non Hosp Resp: 0
Description of Events:

Passenger Aircraft: Yes
Cargo Baggage: C
Ship Non Transport: Yes
Ship Air First Flight: No
Ship Air Subflight: No
Ship Init Transport: No
Ship Phase Transfer: No
Contact Name: RICK BLENKUSH
Contact Title: MANAGER - CORP DANGEROUS GOODS
Contact Business: Delta Air Lines
Contact Street: 1020 Delta Blvd Dept 043
Contact City: Atlanta
Contact State: GA
Contact Postal: 30354
Contact Non US St:
Contact Country: US
Inc. Report Prepared: Carrier
HMIS Serious Incidnt: No
HMIS Serious Fatality: No
HMIS Serious Injury: No
HMIS Flight Plan: No
HMIS Serious Evacs: No
HMIS Major Artery: No
HMIS Bulk Release: No
HMIS Marine Pollutnt: No
HMIS Radioactive: No
HMIS Gen Pkg Type: BOX FIBER
HMIS Container Code: BOX FBR
HMIS Container Desc: Fiberboard box or carton
HMIS Bulk Incident: No
Undeclared Shipment: Yes

Shipper offered shipment to Delta as non-hazardous material. During physical inspection of shipment, multiple DG items were found. Including; LPS Electro Contact Cleaner spray, Rainx windshield treatment, Chemtronic Pow-R-wash, liquid electrical tape, Dow Corning #4 Electrical Insulating Compound. Local FAA called and reviewed items. Unsure if official case was opened against shipper.

Recommend Actions Taken:

Site: IAH Airport HOUSTON TX HMIRS

Incident County: HARRIS

HMIR Incident Reports

Report No: E-2013120313
Report Type: Undeclared Shipment with no Release
Date of Incident: 2013-11-29
Time of Incident: 1500
Haz Class Code:
Hazardous Class: 9
Commodity Short Nm: LITHIUM BATTERIES PACKED
Commodity Long Nm: LITHIUM BATTERIES PACKED WITH EQUIPMENT
Trade Name:
ID No: UN3091
Haz Waste Ind: No
Haz Waste EPA No:
HMIS Tox Inhalation?: No
TIH Hazard Zone:
Qty Released: 0
Unit of Measure:
What Failed:
What Failed Desc:
How Failed Code:
How Failed Desc:
Failure Cause Code:
Failure Cause Desc:
Ident. Markings:
Cont1 Pkging Type: Box

Fed DOT Agency Nm:
Fed DOT Report No:
Report Submit Src: Web
Inc Multiple Rows: No
Inc Non US State:
Mode Transport: Air
Transport Phase: In Transit Storage
Incident Occrrnce: AIR CARRIER CARGO FACILITY
Mat Ship Approval?: No
Mat Ship Approv No:
Undecl Hazmat Ship?: Yes
Packaging Type: Non-Bulk
Packing Group:
Carrier Reporter: Delta Air Lines
CR Street Name: 1020 Delta Blvd Dept 043
CR City: Atlanta
CR State: GA
CR Postal Code: 30354
CR Non US State:
CR Fed DOT ID: 407
CR Hazmat Reg ID: 505213 550 14V
CR Country: US
Shipper Name: Global Shipping Services
Shipper Street Name: 3340 Greens Road Bldg C #500

Cont1 Const Mat: Fiberboard
Cont1 Head Type:
Cont1 Pkg Capacity: 0
C1 Capacity UOM:
Cont1 Pkg Amt: 0
C1 Pkg Amt UOM:
Cont1 Pkg No: 0
C1 Pkg NO Failed: 0
Cont1 Pkg Mnfctr:
Cont1 Pkg Mnfct Dt: 0-00-00 00:00:00
Cont1 Pkg Serial NO:
C1 Pkg Last Test Dt: 0-00-00 00:00:00
C1 Test Const Mat: Fiberboard
C1 Pkg Dsign Pres.: 0
C1 Dsign Press UOM:
C1 Pkg Shell Thick: 0
C1 Shell Thick UOM:
C1 Head Thickness: 0
C1 Head Thick UOM:
C1 Pkg Srvc Pres.: 0
C1 Srvc Press UOM:
C1 Valve/Device Fail?: No
C1 Device Type:
C1 Device Mnfctr:
C1 Device Model:
NRC No:

RAM Pkg Category:
RAM Pkg Cert.: FALSE
RAM Pkg Cert. NBR:
RAM Nuclide S:
RAM Transport Index:
RAM UOM:
RAM Activity Rpted: 0
RAM UOM Rpted:
RAM Activity: 0
RAM Activity UOM:
RAM Mat Safety:
Spillage Result: No
Fire Result: No
Explosion Result: No
Water Sewer Result: No
Gas Dispersion: No
Environment Damage: No
No Release Result: Yes
Fire EMS Report: No
Fire EMS EMS Report:
Police Report: No
Police Report No:
In House Cleanup: No
Other Cleanup: No
Damage > 500: No
Material Loss: 0
Carrier Damage: 0
Property Damage: 0
Response Cost: 0
Remediation Cost: 0
Damage Old Form: 0
Total Damages Amt: 0
Hazmat Fatality: No
Haz Fatal Employees: 0
Haz Fatal Respndrs: 0
Haz Fatal Gen Public: 0
Tot Hazmat Fatalities: 0
Non Hazmat Fatality: No
Non Hazmat Fatafs: 0
Hazmat Injury: No
Haz Hospital Empl: 0
Haz Hospital Resp: 0
Haz Hosp Gen Public: 0
Haz Hosp Old Form: 0

Shipper City: Houston
Shipper State: TX
Shipper Postal: 77032
Shipper Non US St:
Shipper Country: US
Shipper Waybill:
Ship Hazmat Reg ID:
Origin City:
Origin State:
Origin Postal:
Origin Non US St:
Origin Country: US
Destination City:
Destination State:
Destination Postal:
Destination Non US:
Destination Country:
Cont2 Package Type:
Cont2 Const Mat:
Cont2 Pkg Capacity: 0
Cont2 Capacity UOM:
Cont2 Pkg Amount: 0
Cont2 Pkg Amt UOM:
Cont2 Pkg No: 0
Cont2 Pkg No Failed: 0

Haz NonHosp Public: 0
Haz NonHosp Old:
Tot Haz Non Hosp Inj:
Total Hazmat Injuries: 0
Evacuation Indicator: No
Public Evacuated: 0
Employees Evac: 0
Total Evacuated: 0
Total Evacuation Hrs: 0
Major Artery Closed: No
Mjr Artery Hrs Closed: 0
Material Involved: No
Estimated Speed: 0
Weather Conditions:
Vehicle Overturn: No
Vehicle Left Roadway: No
Passenger Aircraft: Yes
Cargo Baggage: C
Ship Non Transport: Yes
Ship Air First Flight: No
Ship Air Subflight: No
Ship Init Transport: No
Ship Phase Transfer: No
Contact Name: RICK BLENKUSH
Contact Title: MANAGER - CORP DG
Contact Business: Delta Air Lines
Contact Street: 1020 Delta Blvd Dept 043
Contact City: Atlanta
Contact State: GA
Contact Postal: 30354
Contact Non US St:
Contact Country: US
Inc. Report Prepared: Carrier
HMIS Serious Incidnt: No
HMIS Serious Fatality: No
HMIS Serious Injury: No
HMIS Flight Plan: No
HMIS Serious Evacs: No
HMIS Major Artery: No
HMIS Bulk Release: No
HMIS Marine Pollutnt: No
HMIS Radioactive: No
HMIS Gen Pkg Type: BOX FIBER
HMIS Container Code: BOX FBR

Total Haz Hosp Inj: 0
Haz Non Hosp Empl: 0
Haz Non Hosp Resp: 0
Description of Events:

HMIS Container Desc: Fiberboard box or carton
HMIS Bulk Incident: No
Undeclared Shipment: Yes

While inspecting shipment on house AWB GSS9002AE, 20 Dewalt drills were discovered in their cases with two (2) lithium ion batteries at 30 WH each in each case. No declaration of batteries were noted on House AWB or Master AWB. Shipment was rejected and sent back to shipper.

Recommend Actions Taken: Better awareness on lithium battery shipping requirements for small shippers.

Site: ROADWAY INN INT AIRPORT WWTP
2000' SW INTX WILL CLAYTON PKWY AND US HWY 59 HOUSTON TX 77396

ICIS

EPA Region: 06
Registry ID: 110039199024
Pgm Sys ID: TX0079570
Pgm Sys Acnm: NPDES
Permit Type: NPDES Individual Permit

Federal Facility ID:
Tribal Land Code:
County: Harris
Latitude 83: 29.97
Longitude 83: -95.279444

Site: IAH HOUSTON TX ASR
INTERCONTINENTAL IAH AIRPORT ASR9 HOUSTON TX 77205

NOE

Regulatd Entity No: RN102267283
Physical County: HARRIS
Business Type:

Latitude:
Longitude:

Details

Investigation No: 1215075
Customer No: CN600436885
Violation Track No: 556317
Violation Status: RESOLVED
Violation Category: A

NOE Date: 12/12/2014
Media: WASTE
TCEQ Docket No: 2015-0027-PST-E
Docket Effect Dt: 07/19/2015
Rule Citation: 334.49(a)(2)

Customer Name: FEDERAL AVIATION ADMINISTRATION
Violation Allegation: Failed to ensure the UST corrosion protection system was operated and maintained in a manner that will ensure continuous corrosion protection

Violation Resolution: The Executive Director recognizes that the Respondent repaired all anodes and tested the corrosion protection system with passing results on February 2, 2015.

Mailing Address:
Mailing City:
Mailing State:
Mailing Zip Code: -

Details

Investigation No: 1215075
Customer No: CN600436885
Violation Track No: 556317
Violation Status: RESOLVED
Violation Category: A

NOE Date: 12/12/2014
Media: WASTE
TCEQ Docket No: 2015-0027-PST-E
Docket Effect Dt: 07/19/2015
Rule Citation: 334.49(a)(1)

Customer Name: FEDERAL AVIATION ADMINISTRATION
Violation Allegation: Failed to ensure the UST corrosion protection system was operated and maintained in a manner that will ensure continuous corrosion protection

Violation Resolution: The Executive Director recognizes that the Respondent repaired all anodes and tested the corrosion protection system with passing results on February 2, 2015.

Mailing Address:
Mailing City:
Mailing State:
Mailing Zip Code: -

Details

Investigation No: 922739
Customer No: CN600436885
Violation Track No: 449248
Violation Status: RESOLVED
Violation Category: A

NOE Date: 11/21/2011
Media: WASTE
TCEQ Docket No: 2011-2218-PST-E
Docket Effect Dt: 08/05/2012
Rule Citation: 334.50(b)(2)

Customer Name: FEDERAL AVIATION ADMINISTRATION
Violation Allegation: 30 TAC 334.50(b)(2) - Release Detection (PIPING) -

Failure to provide proper release detection for the piping associated with UST systems.

Violation Resolution:

The day of the investigation, the facility did not provide proof of a three year leak test for the UST piping. Respondent emailed copies of corrosion protection documentation and said he already showed proof of release detection to the investigator. The Respondent completed PTT before the investigation date. Therefore Violation is being resolved.

Mailing Address:
Mailing City:
Mailing State:
Mailing Zip Code: -

Details

Investigation No:	922739	NOE Date:	11/21/2011
Customer No:	CN600436885	Media:	WASTE
Violation Track No:	449247	TCEQ Docket No:	2011-2218-PST-E
Violation Status:	RESOLVED	Docket Effect Dt:	08/05/2012
Violation Category:	A	Rule Citation:	334.49(a)(1)
Customer Name:	FEDERAL AVIATION ADMINISTRATION		
Violation Allegation:	Failed to provide proper corrosion protection for the UST system, as documented during an investigation conducted on May 26, 2011.		
Violation Resolution:	The Executive Director recognizes that the Respondent has replaced the cathodic protection system and tested the system on July 7, 2011.		
Mailing Address:			
Mailing City:			
Mailing State:			
Mailing Zip Code:	-		

Details

Investigation No:	1215075	NOE Date:	12/12/2014
Customer No:	CN600436885	Media:	WASTE
Violation Track No:	556317	TCEQ Docket No:	2015-0027-PST-E
Violation Status:	RESOLVED	Docket Effect Dt:	07/19/2015
Violation Category:	A	Rule Citation:	26.3475(d)
Customer Name:	FEDERAL AVIATION ADMINISTRATION		
Violation Allegation:	Failed to ensure the UST corrosion protection system was operated and maintained in a manner that will ensure continuous corrosion protection		
Violation Resolution:	The Executive Director recognizes that the Respondent repaired all anodes and tested the corrosion protection system with passing results on February 2, 2015.		
Mailing Address:			
Mailing City:			
Mailing State:			
Mailing Zip Code:	-		

Details

Investigation No:	922739	NOE Date:	11/21/2011
Customer No:	CN600436885	Media:	WASTE
Violation Track No:	449247	TCEQ Docket No:	2011-2218-PST-E
Violation Status:	RESOLVED	Docket Effect Dt:	08/05/2012
Violation Category:	A	Rule Citation:	26.3475(d)
Customer Name:	FEDERAL AVIATION ADMINISTRATION		
Violation Allegation:	Failed to provide proper corrosion protection for the UST system, as documented during an investigation conducted on May 26, 2011.		
Violation Resolution:	The Executive Director recognizes that the Respondent has replaced the cathodic protection system and tested the system on July 7, 2011.		
Mailing Address:			
Mailing City:			
Mailing State:			
Mailing Zip Code:	-		

Site: INTERCONTINENTAL AIRPORT HOUSTON REMOTE TRANSMITTER FAC C
RTRC ACCESS DRIVEWAY, HOUSTON, TX 77205 IAH - INTERCONTINENTAL AIRPORT HOUSTON TX

NOV

RN No:	RN102264611	Near City:	HOUSTON
TCEQ Region:		Lat Dec Coord No:	0
County (OD):		Long Dec Coord No:	0

Physical City (OD):
Physical Zip (OD):
Regulated Entity Name (OD):
Physical Location (OD):
Address: RTRC ACCESS DRIVEWAY , HOUSTON , TX 77205
Physical Location: IAH - INTERCONTINENTAL AIRPORT HOUSTON
Data Source: TCEQ NOV (Info Request)

Latitude (OD):
Longitude (OD):

Violation Details

Track ID: 282902
Customer Cn No: CN600436885
Customer: Federal Aviation Administration
Contact:
Contact Title:
Investigation No: 570674
Investigation Status: DAPPROVED
Business:
Status Dt: 8/17/2007 12:00:00 AM
Start Dt: 7/31/2007 12:00:00 AM
End Dt: 8/3/2007 12:00:00 AM
Mail Addr: RTRC ACCESS DRIVEWAY
Mail City: HOUSTON
Mail State: TX
Region: REGION 12 - HOUSTON
Zip Code: 77205
Geo Loc ID: 32108842002139
Actv Cd: PSTOofs
Cat Cd: C
Media: WASTE
Method:
Notice Type: NOV
Nov Date: 7/31/2007 12:00:00 AM
Violation Allegation: UST Registration tank status not accurate.
Violation Status: RESOLVED
Violation Resolution: The Registration form, TCEQ-0724 was provided to the FAA for completion.
Rule Citation: 334.7(d)(3)

Site: IAH HOUSTON TX ASR
 INTERCONTINENTAL IAH AIRPORT ASR9 TX

ORD

Docket No:	2015-0027-PST-E	TCEQ ID:	
Case No:	49881	Reg Ent No:	RN102267283
Dist Court No:		Program:	
Order Date:	7/19/2015	Type :	ADMINORDER
Status:	EFFECTIVE	Penalty Assessed(\$):	
Status Dt:	7/19/2015	Penalty Deferred(\$):	
Resolution ID:	275280572015008	Payable Amount(\$):	
County:	HARRIS	Sep Offset(\$):	
Original Source:	Administrative Orders Issued		
Respondent Name:			
Reg Ent Name:	IAH HOUSTON TX ASR		
Phys Loc Desc:	INTERCONTINENTAL IAH AIRPORT ASR9		
Note:	Docket documents can be downloaded from TCEQ's online search for Commission Issued Orders: https://www14.tceq.texas.gov/epic/CIO/		

Site: IAH HOUSTON TX ASR
 INTERCONTINENTAL IAH AIRPORT ASR9 TX

ORD

Docket No:	2011-2218-PST-E	TCEQ ID:	
Case No:	43063	Reg Ent No:	RN102267283
Dist Court No:		Program:	
Order Date:	8/5/2012	Type :	ADMINORDER
Status:	EFFECTIVE	Penalty Assessed(\$):	
Status Dt:	8/5/2012	Penalty Deferred(\$):	
Resolution ID:	598312842011336	Payable Amount(\$):	

County: HARRIS **Sep Offset(\$):**
Original Source: Administrative Orders Issued
Respondent Name:
Reg Ent Name: IAH HOUSTON TX ASR
Phys Loc Desc: INTERCONTINENTAL
 IAH AIRPORT ASR9
Note: Docket documents can be downloaded from TCEQ's online search for Commission Issued Orders:
<https://www14.tceq.texas.gov/epic/CIO/>

Site: IAH ASR9
 IAH AIRPORT ASR9 TX

UST

PST ID No: 29130 Facility Type: EMERGENCY GENERATOR Fac Begin Date: 10/28/1986 Facility Status: INACTIVE Fac Exempt Status: No Records Off Site: Yes No of Active USTs: 0 No of Active ASTs: 0 UST Fin Assu Req: No Site Addr Delivery: Site Addr City Nm: Site Addr Zip Ext: Site Loc City: HOUSTON Site Location Zip: 77032 TCEQ Region: 12 County: HARRIS Received Date: 08/03/2015 Signature Date: 08/03/2015 Sig First Name: SHEILA Sig Middle Name: Sig Last Name: GRIFFITH Signature Title: DIST MGR Signature Role: LEGAL AUTH REP OWNER Sig Company: Enforcement Action: No Enf Action Date: Fac Not Inspect: No Fac Not Insp Rsn: Fac Not Insp Rsn2: Site Location Description: IAH AIRPORT ASR9 Data Source: Petroleum Storage Tank(Raw Data); Inactive USTs Note: Documents related to facilities in Texas can be searched on TCEQ Records Online Central File Room (CFR): https://records.tceq.texas.gov/cs/idcplg?IdcService=TCEQ_SEARCH Basic information, including RN numbers, for facilities in TX can be searched on the TCEQ Central Registry: https://www15.tceq.texas.gov/crpub/ Information about how to use these resources can be found here: https://www.tceq.texas.gov/assets/public/agency/How-to-Use-Central-File-Room-Online.pdf	Contact First Name: Contact Middle Nm: Contact Last Name: Contact Title: Contact Organization: IAH ASR9 Phone No Area Cd: 281 Phone No: 2536463 Phone No Ext: 0 Facility ID: 64071 Additional ID: 355129652002139 Mail Addr Delivery: Mail Addr Int Del: Mail Addr City Nm: Mail Addr State Cd: Mail Addr Zip: Mail Addr Zip Ext: Fax No Area Cd: Fax No: Fax No Ext: Email Address: Addr Deliverable: Latitude(Map): Longitude(Map): Facility Name(Map): Address(Map): City(Map): State(Map): Zip(Map): County(Map):
--	--

Tank Information

UST ID: 76728 Tank ID: 1A Regulatory Status: FULLY REGULATED Status: REMOVED FROM GROUND Status Begin Date: 01/12/1994 Installation Date: 01/01/1983 Registration Date: 05/08/1986 No of Compartments: 1	Capacity (gal): 1000 Empty: NO Internal Protection: Design Single Wall: NO Design Double Wall: NO Piping Dsgn Sngl Wll: NO Piping Dsgn Dble Wll: NO
---	--

Tank Material

Steel: YES
FRP (Fibergla Reinfor Plastic): NO
Composite (Steel w/Ext FRP): NO
Concrete: NO
Steel w/External Jacket: NO

Steel w/External Polyurethane: NO

Tank External Containment

Factory-Built Nonmetal Jacket: NO
Synth Tnk Pit/Pipe-Trench Lnr: NO
Tank Vault/Rigid Trench Liner: NO

Tank Corrosion Protection Method

External Dielectric: NO
Cathodic Protection-Fact Inst: NO
Cathodic Protection-Field Inst: NO
Composite Tank: NO
Coated Tank: NO
FRP Tank or Piping: NO
External Nonmetallic Jacket: NO
Unnecessary per Corr Protect Specialist: NO

UST Tank Compartment

UST Comprt ID: 79808
Compartment ID: A
Capacity (gallons): 1000
Substance Stored 1: DIESEL
Substance Stored 2:
Substance Stored 3:

Compartment Release Detection

Vapor Monitoring: NO
Groundwater Monitoring: NO
Monitoring of Barrier: NO
Auto Tnk Gauge Test & Inv Ctrl: NO
Interstitial Monitor w/ Sec: NO
Weekly Manual Gauging: NO
Monthly Tank Gauging: NO
SIR & Inventory Control: NO

Spill and Overfill Prevention

Tight Fill Fit Container/Bucket: NO
Factory Spill Container/Bucket: NO
Delivery Shut-Off Valve: NO
Flow Restrictor Valve: NO
Alarm(set@<=90%) w/3a or 3b): NO
N/A-All Deliver to Tank<=25 gal: NO
Comp Release Detect Compli: NO
Piping Release Detect Compl: NO
Spill/Overfill Prevent Compli: NO
Comp Release Detect. Vary: NO
Piping Release Detect Vary: NO
Spill/Overfill Prevent. Variance: NO
Stage 1 Vapor Recovery:
Stage 1 Installation Date:

Piping Release Detection

Vapor Monitoring: NO
Groundwater Monitoring: NO
Secondary Barrier Monitoring: NO
Interstitial Monitoring: NO
Monthly Piping Tightness Test: NO
Annual Test/Electro Monitor: NO
Triennial Tightness Test: NO
Auto Line Leak Detector: NO
SIR & Inventory Control: NO
Exempt System Suction: NO

Piping External Containment

Factory Nonmetal Jacket: NO
Synth Tnk Pit/Pipe-Tren Lnr: NO
Tank Vault/Rigid Trench Liner: NO
Piping Type Code:
Piping Type Description:

Piping Material

Steel: YES
FRP (Fibergla Reinfor Plastic): NO
Concrete: NO
Steel w/External Jacket: NO
Nonmetallic Flexible Piping: NO

Piping Connectors & Valves

Shear/Impact Valves: NO
Steel Swing-joints: NO
Flexible Connectors: NO

Piping Corrosion Protection Method

External Dielectric: NO
Cathodic Protection-Fact Inst: NO
Cathodic Protection-Field Inst: NO
Frp Tank or Piping: NO
Nonmetallic Flexible Piping: NO
Open Area/2nd Containment: NO
Dual Protected: NO
Unec per Corr Protect Spc: NO
Tank Corr Protect Compliance: NO
Piping Corr Protect Compli: NO
Tank Corr Protect Variance: NO
Piping Corr Protect Variance: NO
Temp Out of Service Comp: NO
Technical Compliance: NO
Tank Tested: YES
Installation Signature Date: 03/30/1990

Tank Information

UST ID:	209411	Capacity (gal):	1000
Tank ID:	1	Empty:	NO
Regulatory Status:	FULLY REGULATED	Internal Protection:	
Status:	REMOVED FROM GROUND	Design Single Wall:	NO
Status Begin Date:	12/01/2016	Design Double Wall:	YES
Installation Date:	01/01/1994	Piping Dsgn Sngl Wll:	YES
Registration Date:	02/15/2008	Piping Dsgn Dble Wll:	NO
No of Compartments:	1		

Tank Material

Steel: NO
FRP (Fibergla Reinfor Plastic): NO
Composite (Steel w/Ext FRP): NO
Concrete: NO
Steel w/External Jacket: NO
Steel w/External Polyurethane: NO

Tank External Containment

Factory-Built Nonmetal Jacket: NO

Synth Tnk Pit/Pipe-Trench Lnr: NO
Tank Vault/Rigid Trench Liner: NO

Tank Corrosion Protection Method

External Dielectric: NO
Cathodic Protection-Fact Inst: NO
Cathodic Protection-Field Inst: NO
Composite Tank: NO
Coated Tank: NO
FRP Tank or Piping: YES
External Nonmetallic Jacket: NO
Unnecessary per Corr Protect Specialist: NO

UST Tank Compartment

UST Comprt ID: 79809
Compartment ID: A
Capacity (gallons): 1000
Substance Stored 1:
Substance Stored 2:
Substance Stored 3:

Compartment Release Detection

Vapor Monitoring: NO
Groundwater Monitoring: NO
Monitoring of Barrier: NO
Auto Tnk Gauge Test & Inv Ctrl: NO
Interstitial Monitor w/ Sec: NO
Weekly Manual Gauging: YES
Monthly Tank Gauging: YES
SIR & Inventory Control: NO

Spill and Overfill Prevention

Tight Fill Fit Container/Bucket: YES
Factory Spill Container/Bucket: NO
Delivery Shut-Off Valve: NO
Flow Restrictor Valve: NO
Alarm(set@<=90%) w/3a or 3b): YES
N/A-All Deliver to Tank<=25 gal: NO
Comp Release Detect Compli: YES
Piping Release Detect Compli: YES
Spill/Overfill Prevent Compli: NO
Comp Release Detect. Vary: NO
Piping Release Detect Vary: NO
Spill/Overfill Prevent. Variance: NO
Stage 1 Vapor Recovery:
Stage 1 Installation Date:

Piping Release Detection

Vapor Monitoring: NO
Groundwater Monitoring: NO
Secondary Barrier Monitoring: NO
Interstitial Monitoring: NO
Monthly Piping Tightness Test: NO
Annual Test/Electro Monitor: NO
Triennial Tightness Test: YES
Auto Line Leak Detector: NO
SIR & Inventory Control: NO
Exempt System Suction: NO

Piping External Containment

Factory Nonmetal Jacket: NO
Synth Tnk Pit/Pipe-Tren Lnr: NO

Tank Vault/Rigid Trench Liner: NO
Piping Type Code: S
Piping Type Description: Suction

Piping Material

Steel: NO
FRP (Fibergla Reinfor Plastic): NO
Concrete: NO
Steel w/External Jacket: YES
Nonmetallic Flexible Piping: NO

Piping Connectors & Valves

Shear/Impact Valves: NO
Steel Swing-joints: NO
Flexible Connectors: NO

Piping Corrosion Protection Method

External Dielectric: NO
Cathodic Protection-Fact Inst: NO
Cathodic Protection-Field Inst: NO
Frp Tank or Piping: YES
Nonmetallic Flexible Piping: NO
Open Area/2nd Containment: NO
Dual Protected: NO
Unec per Corr Protect Spc: NO
Tank Corr Protect Compliance: YES
Piping Corr Protect Compli: YES
Tank Corr Protect Variance: NO
Piping Corr Protect Variance: NO
Temp Out of Service Comp: YES
Technical Compliance: NO
Tank Tested: NO
Installation Signature Date:

Inactive UST Information

Fac ID:	29130	Own Cont F Name:	SHEILA
Tank ID:	1A	Own Cont L Name:	GRIFFITH
Tank Status:	REMOVED FROM GROUND	Own Org Name:	FAA HOUSTON TRACON DISTRICT 190
Tank Capacity (Gal):	1000	Own Mailing Address:	4005 GREENS RD
Facility Name:	IAH ASR9	Own Cont City:	HOUSTON
Facility Address:		Own Cont State:	TX
Facility City:		Own Cont Zip:	77032
Facility Nearest City:	HOUSTON	Own Cont Area Code:	
County:	HARRIS	Own Cont Phone:	
Facility Zip:		TCEQ Region:	12
Facility Local Zip:	77032		
Fac Local Desc:	IAH AIRPORT ASR9		

Inactive UST Information

Fac ID:	29130	Own Cont F Name:	SHEILA
Tank ID:	1	Own Cont L Name:	GRIFFITH
Tank Status:	REMOVED FROM GROUND	Own Org Name:	FAA HOUSTON TRACON DISTRICT 190
Tank Capacity (Gal):	1000	Own Mailing Address:	4005 GREENS RD
Facility Name:	IAH ASR9	Own Cont City:	HOUSTON
Facility Address:		Own Cont State:	TX
Facility City:		Own Cont Zip:	77032
Facility Nearest City:	HOUSTON	Own Cont Area Code:	
County:	HARRIS	Own Cont Phone:	
Facility Zip:		TCEQ Region:	12
Facility Local Zip:	77032		
Fac Local Desc:	IAH AIRPORT ASR9		

Owner

Owner CN: CN600436885
Owner First Name:
Middle Name:
Comp or Own Last Name: FEDERAL AVIATION ADMINISTRATION
Owner Effective Begin Date: 01/01/1994
Owner Type Code: FG
Owner Type Description: Federal Government
State Tax ID:
Contact Role: OWNCON
Contact First Name: STACY
Contact Middle Name:
Contact Last Name: HOWARD
Contact Title: SECM
Contact Organization Name: FEDERAL AVIATION ADMINISTRATION
Mailing Address (Delivery): PO BOX 610368
Mailing Addr (Int Delivery):
Mailing City: DALLAS
Mailing State: TX
Mailing Zip: 75261
Mailing Zip Ext: 0368
Phone Area Code: 972
Phone No: 6152347
Phone Ext: 0
Fax Area Code:
Fax No:
Fax Ext:
Email:

Operator

Operator CN: CN600436885
Operator First Name:
Operator Middle Name:
Comp or Opr Last Name: FEDERAL AVIATION ADMINISTRATION
Operator Effective Begin Date: 01/01/1994
Operator Type Code: FG
Operator Type Description: Federal Government
Contact Role: OWNOPRCON
Contact First Name: SHEILA
Contact Middle Name:
Contact Last Name: GRIFFITH
Contact Title: 190 DISTRICT MGR
Contact Organization Name: FAA HOUSTON TRACON DISTRICT 190
Mailing Address (Delivery): 4005 GREENS RD
Address Internal (Delivery):
Mailing City: HOUSTON
Mailing State: TX
Mailing Zip: 77032
Mailing Zip Ext: 2333
Phone Area Code: 281
Phone No: 2308475
Phone Ext: 0
Fax Area Code:
Fax No:
Fax Ext:
Email:

Facility Billing Contacts

AR No: 68227
AR No Suffix(U=UST fee code): A
AR No Suffix(A=AST fee code): U
Contact First Name: SHEILA
Contact Middle Name:
Contact Last Name: GRIFFITH
Contact Title:

Contact Organization Name: FAA HOUSTON TRACON DISTRICT 190
Mailing Address (Delivery): 4005 GREENS RD
Mailing Addr (Int Delivery):
Mailing City: HOUSTON
Mailing State: TX
Mailing Zip: 77032
Mailing Zip Ext: 2333
Phone Area Code:
Phone No:
Phone Ext:
Fax Area Code:
Fax No:
Fax No Ext:
Email:
Contact Address Deliverable: YES

Self-Certification

Self Cert ID: 72321
Signature Date: 06/27/2012
Signature Name: SHEILA F GRIFFTH
Signature Title: MGR
Signature Type Role: LEGAL AUTH REP OWNER
Filing Status: RENEWAL
Registration Self-Certification: YES
Facility Fees Self-Certification: YES
Fin Assurance Self-Cert: YES
Tech Standards Self-Cert: YES
Delivery Certificate Expire: 07/31/2013
Reporting Method Code:
Reporting Method Description:
Tank Corr Protect Compl:
Piping Corr Protect Compl:
Comp Release Detect Compl:
Piping Release Detect Compl:
Spill Prev & Overfill Compl:

Self-Certification

Self Cert ID: 72319
Signature Date: 02/11/2009
Signature Name: SHEILA F GRIFFITH
Signature Title: MGR HOUSTON DIST
Signature Type Role: LEGAL AUTH REP OWNER
Filing Status: RENEWAL
Registration Self-Certification: YES
Facility Fees Self-Certification: YES
Fin Assurance Self-Cert: YES
Tech Standards Self-Cert: YES
Delivery Certificate Expire: 07/31/2009
Reporting Method Code:
Reporting Method Description:
Tank Corr Protect Compl:
Piping Corr Protect Compl:
Comp Release Detect Compl:
Piping Release Detect Compl:
Spill Prev & Overfill Compl:

Self-Certification

Self Cert ID: 238842
Signature Date: 07/14/2014
Signature Name: SHEILA GRIFFITH
Signature Title: DIST MGR
Signature Type Role: LEGAL AUTH REP OWNER
Filing Status: RENEWAL
Registration Self-Certification: YES
Facility Fees Self-Certification: YES

Fin Assurance Self-Cert: YES
Tech Standards Self-Cert: YES
Delivery Certificate Expire: 07/31/2015
Reporting Method Code: P
Reporting Method Description: Papers
Tank Corr Protect Compl: YES
Piping Corr Protect Compl: YES
Comp Release Detect Compl: NO
Piping Release Detect Compl: YES
Spill Prev & Overfill Compl: NO

Self-Certification

Self Cert ID: 221669
Signature Date: 07/01/2013
Signature Name: SHEILA GRIFFITH
Signature Title: DIST MGR
Signature Type Role: LEGAL AUTH REP OWNER
Filing Status: RENEWAL
Registration Self-Certification: YES
Facility Fees Self-Certification: YES
Fin Assurance Self-Cert: YES
Tech Standards Self-Cert: YES
Delivery Certificate Expire: 07/31/2014
Reporting Method Code: P
Reporting Method Description: Papers
Tank Corr Protect Compl: YES
Piping Corr Protect Compl: YES
Comp Release Detect Compl: NO
Piping Release Detect Compl: YES
Spill Prev & Overfill Compl: NO

Self-Certification

Self Cert ID: 72318
Signature Date: 02/05/2008
Signature Name: SHEILA GRIFFITH
Signature Title: MGR HOU DISTRICT
Signature Type Role: LEGAL AUTH REP OWNER
Filing Status: INITIAL
Registration Self-Certification: YES
Facility Fees Self-Certification: YES
Fin Assurance Self-Cert: YES
Tech Standards Self-Cert: YES
Delivery Certificate Expire: 07/31/2008
Reporting Method Code:
Reporting Method Description:
Tank Corr Protect Compl:
Piping Corr Protect Compl:
Comp Release Detect Compl:
Piping Release Detect Compl:
Spill Prev & Overfill Compl:

Self-Certification

Self Cert ID: 255990
Signature Date: 08/03/2015
Signature Name: SHEILA GRIFFITH
Signature Title: DIST MGR
Signature Type Role: LEGAL AUTH REP OWNER
Filing Status: RENEWAL
Registration Self-Certification: YES
Facility Fees Self-Certification: YES
Fin Assurance Self-Cert: YES
Tech Standards Self-Cert: YES
Delivery Certificate Expire: 07/31/2016
Reporting Method Code: P
Reporting Method Description: Papers

Tank Corr Protect Compl: YES
Piping Corr Protect Compl: YES
Comp Release Detect Compl: NO
Piping Release Detect Compl: YES
Spill Prev & Overfill Compl: NO

Self-Certification

Self Cert ID: 72320
Signature Date: 09/16/2010
Signature Name: SHEILA F GRIFFITH
Signature Title: MGR HOUSTON TRACON
Signature Type Role: LEGAL AUTH REP OWNER
Filing Status: RENEWAL
Registration Self-Certification: YES
Facility Fees Self-Certification: YES
Fin Assurance Self-Cert: YES
Tech Standards Self-Cert: YES
Delivery Certificate Expire: 07/31/2011
Reporting Method Code:
Reporting Method Description:
Tank Corr Protect Compl:
Piping Corr Protect Compl:
Comp Release Detect Compl:
Piping Release Detect Compl:
Spill Prev & Overfill Compl:

Appendix: Database Descriptions

Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. ERIS updates databases as set out in ASTM Standard E1527-13 and E1527-21, Section 8.1.8 Sources of Standard Source Information:

"Government information from nongovernmental sources may be considered current if the source updates the information at least every 90 days, or, for information that is updated less frequently than quarterly by the government agency, within 90 days of the date the government agency makes the information available to the public."

Standard Environmental Record Sources

Federal

Formerly Utilized Sites Remedial Action Program:

[DOE FUSRAP](#)

The U.S. Department of Energy (DOE) established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from the Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations. The DOE Office of Legacy Management (LM) established long-term surveillance and maintenance (LTS&M) requirements for remediated FUSRAP sites. DOE evaluates the final site conditions of a remediated site on the basis of risk for different future uses. DOE then confirms that LTS&M requirements will maintain protectiveness.

Government Publication Date: Mar 4, 2017

National Priority List:

[NPL](#)

Sites on the United States Environmental Protection Agency (EPA)'s National Priorities List of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program. The NPL, which EPA is required to update at least once a year, is based primarily on the score a site receives from EPA's Hazard Ranking System. A site must be on the NPL to receive money from the Superfund Trust Fund for remedial action. Sites are represented by boundaries where available in the EPA Superfund Site Boundaries maintained by the Shared Enterprise Geodata and Services (SEGS). Site boundaries represent the footprint of a whole site, the sum of all of the Operable Units and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: May 25, 2022

National Priority List - Proposed:

[PROPOSED NPL](#)

Sites proposed - by the EPA, the state agency, or concerned citizens - for addition to the NPL due to contamination by hazardous waste and identified by the Environmental Protection Agency (EPA) as a candidate for cleanup because it poses a risk to human health and/or the environment. Sites are represented by boundaries where available in the EPA Superfund Site Boundaries maintained by the Shared Enterprise Geodata and Services (SEGS). Site boundaries represent the footprint of a whole site, the sum of all of the Operable Units and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: May 25, 2022

Deleted NPL:

[DELETED NPL](#)

Sites deleted from the United States Environmental Protection Agency (EPA)'s National Priorities List. The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate. Sites are represented by boundaries where available in the EPA Superfund Site Boundaries maintained by the Shared Enterprise Geodata and Services (SEGS). Site boundaries represent the footprint of a whole site, the sum of all of the Operable Units and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: May 25, 2022

SEMS List 8R Active Site Inventory:

SEMS

The Superfund Program has deployed the Superfund Enterprise Management System (SEMS), which integrates multiple legacy systems into a comprehensive tracking and reporting tool. This inventory contains active sites evaluated by the Superfund program that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The Active Site Inventory Report displays site and location information at active SEMS sites. An active site is one at which site assessment, removal, remedial, enforcement, cost recovery, or oversight activities are being planned or conducted.

Government Publication Date: Jun 30, 2022

Inventory of Open Dumps, June 1985:

ODI

The Resource Conservation and Recovery Act (RCRA) provides for publication of an inventory of open dumps. The Act defines "open dumps" as facilities which do not comply with EPA's "Criteria for Classification of Solid Waste Disposal Facilities and Practices" (40 CFR 257).

Government Publication Date: Jun 1985

SEMS List 8R Archive Sites:

SEMS ARCHIVE

The Superfund Enterprise Management System (SEMS) Archived Site Inventory displays site and location information at sites archived from SEMS. An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time.

Government Publication Date: Jun 30, 2022

Comprehensive Environmental Response, Compensation and Liability Information System -

CERCLIS

CERCLIS:

Superfund is a program administered by the United States Environmental Protection Agency (EPA) to locate, investigate, and clean up the worst hazardous waste sites throughout the United States. CERCLIS is a database of potential and confirmed hazardous waste sites at which the EPA Superfund program has some involvement. It contains sites that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The EPA administers the Superfund program in cooperation with individual states and tribal governments; this database is made available by the EPA.

Government Publication Date: Oct 25, 2013

EPA Report on the Status of Open Dumps on Indian Lands:

IODI

Public Law 103-399, The Indian Lands Open Dump Cleanup Act of 1994, enacted October 22, 1994, identified congressional concerns that solid waste open dump sites located on American Indian or Alaska Native (AI/AN) lands threaten the health and safety of residents of those lands and contiguous areas. The purpose of the Act is to identify the location of open dumps on Indian lands, assess the relative health and environment hazards posed by those sites, and provide financial and technical assistance to Indian tribal governments to close such dumps in compliance with Federal standards and regulations or standards promulgated by Indian Tribal governments or Alaska Native entities.

Government Publication Date: Dec 31, 1998

CERCLIS - No Further Remedial Action Planned:

CERCLIS NFRAP

An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time. The Archive designation means that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL). This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Government Publication Date: Oct 25, 2013

CERCLIS Liens:

CERCLIS LIENS

A Federal Superfund lien exists at any property where EPA has incurred Superfund costs to address contamination ("Superfund site") and has provided notice of liability to the property owner. A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. This database is made available by the United States Environmental Protection Agency (EPA). This database was provided by the United States Environmental Protection Agency (EPA). Refer to SEMS LIEN as the current data source for Superfund Liens.

Government Publication Date: Jan 30, 2014

RCRA CORRACTS-Corrective Action:

RCRA CORRACTS

RCRA Info is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. At these sites, the Corrective Action Program ensures that cleanups occur. EPA and state regulators work with facilities and communities to design remedies based on the contamination, geology, and anticipated use unique to each site.

Government Publication Date: Jun 27, 2022

RCRA non-CORRACTS TSD Facilities:

[RCRA TSD](#)

RCRA Info is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. This database includes Non-Corrective Action sites listed as treatment, storage and/or disposal facilities of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA).

Government Publication Date: Jun 27, 2022

RCRA Generator List:

[RCRA LQG](#)

RCRA Info is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Large Quantity Generators (LQGs) generate 1,000 kilograms per month or more of hazardous waste or more than one kilogram per month of acutely hazardous waste.

Government Publication Date: Jun 27, 2022

RCRA Small Quantity Generators List:

[RCRA SQG](#)

RCRA Info is the EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Small Quantity Generators (SQGs) generate more than 100 kilograms, but less than 1,000 kilograms, of hazardous waste per month.

Government Publication Date: Jun 27, 2022

RCRA Very Small Quantity Generators List:

[RCRA VSQG](#)

RCRA Info is the EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Very Small Quantity Generators (VSQG) generate 100 kilograms or less per month of hazardous waste, or one kilogram or less per month of acutely hazardous waste. Additionally, VSQG may not accumulate more than 1,000 kilograms of hazardous waste at any time.

Government Publication Date: Jun 27, 2022

RCRA Non-Generators:

[RCRA NON GEN](#)

RCRA Info is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Non-Generators do not presently generate hazardous waste.

Government Publication Date: Jun 27, 2022

RCRA Sites with Controls:

[RCRA CONTROLS](#)

List of Resource Conservation and Recovery Act (RCRA) facilities with institutional controls in place. RCRA gives the U.S. Environmental Protection Agency (EPA) the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances.

Government Publication Date: Jun 27, 2022

Federal Engineering Controls-ECs:

[FED ENG](#)

Engineering controls (ECs) encompass a variety of engineered and constructed physical barriers (e.g., soil capping, sub-surface venting systems, mitigation barriers, fences) to contain and/or prevent exposure to contamination on a property. This database is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: May 25, 2022

Federal Institutional Controls- ICs:

[FED INST](#)

Institutional controls are non-engineered instruments, such as administrative and legal controls, that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy. Although it is EPA's (United States Environmental Protection Agency) expectation that treatment or engineering controls will be used to address principal threat wastes and that groundwater will be returned to its beneficial use whenever practicable, ICs play an important role in site remedies because they reduce exposure to contamination by limiting land or resource use and guide human behavior at a site.

Government Publication Date: May 25, 2022

Land Use Control Information System:

LUCIS

The LUCIS database is maintained by the U.S. Department of the Navy and contains information for former Base Realignment and Closure (BRAC) properties across the United States.

Government Publication Date: Sep 1, 2006

Institutional Control Boundaries at NPL sites:

NPL IC

Boundaries of Institutional Control areas at sites on the United States Environmental Protection Agency (EPA)'s National Priorities List, or Proposed or Deleted, made available by the EPA's Shared Enterprise Geodata and Services (SEGS). United States Environmental Protection Agency (EPA)'s National Priorities List of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program. Institutional controls are non-engineered instruments such as administrative and legal controls that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy.

Government Publication Date: May 25, 2022

Emergency Response Notification System:

ERNS 1982 TO 1986

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1982-1986

Emergency Response Notification System:

ERNS 1987 TO 1989

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1987-1989

Emergency Response Notification System:

ERNS

Database of oil and hazardous substances spill reports made available by the United States Coast Guard National Response Center (NRC). The NRC fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. These data contain initial incident data that has not been validated or investigated by a federal/state response agency.

Government Publication Date: Aug 28, 2022

The Assessment, Cleanup and Redevelopment Exchange System (ACRES) Brownfield Database:

FED BROWNFIELDS

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties protects the environment, reduces blight, and takes development pressures off greenspaces and working lands. This database is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Aug 20, 2021

FEMA Underground Storage Tank Listing:

FEMA UST

The Federal Emergency Management Agency (FEMA) of the Department of Homeland Security maintains a list of FEMA owned underground storage tanks.

Government Publication Date: Dec 31, 2017

Facility Response Plan:

FRP

List of facilities that have submitted Facility Response Plans (FRP) to EPA. Facilities that could reasonably be expected to cause "substantial harm" to the environment by discharging oil into or on navigable waters are required to prepare and submit Facility Response Plans (FRPs). Harm is determined based on total oil storage capacity, secondary containment and age of tanks, oil transfer activities, history of discharges, proximity to a public drinking water intake or sensitive environments.

Government Publication Date: Dec 31, 2021

Delisted Facility Response Plans:

DELISTED FRP

Facilities that once appeared in - and have since been removed from - the list of facilities that have submitted Facility Response Plans (FRP) to EPA. Facilities that could reasonably be expected to cause "substantial harm" to the environment by discharging oil into or on navigable waters are required to prepare and submit Facility Response Plans (FRPs). Harm is determined based on total oil storage capacity, secondary containment and age of tanks, oil transfer activities, history of discharges, proximity to a public drinking water intake or sensitive environments.

Government Publication Date: Dec 31, 2021

Historical Gas Stations:

[HIST GAS STATIONS](#)

This historic directory of service stations is provided by the Cities Service Company. The directory includes Cities Service filling stations that were located throughout the United States in 1930.

Government Publication Date: Jul 1, 1930

Petroleum Refineries:

[REFN](#)

List of petroleum refineries from the U.S. Energy Information Administration (EIA) Refinery Capacity Report. Includes operating and idle petroleum refineries (including new refineries under construction) and refineries shut down during the previous year located in the 50 States, the District of Columbia, Puerto Rico, the Virgin Islands, Guam, and other U.S. possessions. Survey locations adjusted using public data.

Government Publication Date: Feb 4, 2022

Petroleum Product and Crude Oil Rail Terminals:

[BULK TERMINAL](#)

List of petroleum product and crude oil rail terminals made available by the U.S. Energy Information Administration (EIA). Includes operable bulk petroleum product terminals located in the 50 States and the District of Columbia with a total bulk shell storage capacity of 50,000 barrels or more, and/or the ability to receive volumes from tanker, barge, or pipeline; also rail terminals handling the loading and unloading of crude oil that were active between 2017 and 2018. Petroleum product terminals comes from the EIA-815 Bulk Terminal and Blender Report, which includes working, shell in operation, and shell idle for several major product groupings. Survey locations adjusted using public data.

Government Publication Date: Feb 4, 2022

LIEN on Property:

[SEMS LIEN](#)

The EPA Superfund Enterprise Management System (SEMS) provides LIEN information on properties under the EPA Superfund Program.

Government Publication Date: Jun 30, 2022

Superfund Decision Documents:

[SUPERFUND ROD](#)

This database contains a listing of decision documents for Superfund sites. Decision documents serve to provide the reasoning for the choice of (or) changes to a Superfund Site cleanup plan. The decision documents include Records of Decision (ROD), ROD Amendments, Explanations of Significant Differences (ESD), along with other associated memos and files. This information is maintained and made available by the US EPA (Environmental Protection Agency).

Government Publication Date: Jul 26, 2022

State

Superfund Sites Boundaries:

[SUPERFUND](#)

List of sites that may constitute an imminent and substantial endangerment to public health and safety or the environment due to a release or threatened release of hazardous substances into the environment provided by the Texas Commission on Environmental Quality (TCEQ).

Government Publication Date: Aug 10, 2021

State Superfund Registry:

[SHWS](#)

List of sites identified or evaluated by the Texas Commission on Environmental Quality (TCEQ) which may constitute an imminent and substantial endangerment to public health and safety or to the environment due to a release or threatened release of hazardous substances into the environment. The TCEQ updates the state Superfund sites list in accordance with the Texas Health and Safety Code (THSC). This database is state equivalent NPL.

Government Publication Date: Aug 29, 2022

Delisted State Superfund Registry List:

[DELISTED SHWS](#)

This database contains a list of closed hazardous substance release sites that were removed from the Texas Commission on Environmental Quality (TCEQ).

Government Publication Date: Sep 13, 2022

Permitted Solid Waste Facilities:

[SWF/LF](#)

List of active, inactive, and post-closure Municipal Solid Waste landfills and processing facilities with issued permits and authorizations, as well as pending, withdrawn, or denied applications registered with the Texas Commission on Environmental Quality (TCEQ) under the Texas Administrative Code (TAC) Title 30 Chapter 330.

Government Publication Date: Jul 29, 2022

Closed Landfill Inventory:

[CLI](#)

Inventory of permitted and unauthorized closed or abandoned municipal solid waste landfills throughout Texas compiled by the Texas Commission on Environmental Quality (TCEQ), in collaboration with regional Councils of Government (COG).

Houston-Galveston Closed Landfill Inventory:

[HGAC CLI](#)

List of closed and abandoned landfill sites which fall under the Houston Galveston Area Council of Government. Texas Councils of Governments (COGs) are required to maintain an inventory of closed municipal solid waste landfills for their regional solid waste management plans.

Government Publication Date: Jul 20, 2022

AACOG Closed Landfill Inventory:

[AACOG CLI](#)

A list of permitted and unpermitted closed landfill sites made available by the Alamo Area Council of Governments (AACOG). Alamo Area Council of Governments (AACOG) is requested to maintain an inventory of closed municipal solid waste landfills for their regional solid waste management plans.

Government Publication Date: Feb 6, 2020

Commercial Management Facilities for Hazardous Waste and Industrial Solid Wastes:

[IHW](#)

This publication lists facilities that have permits or authorizations from the Texas Commission on Environmental Quality (TCEQ) to receive, on a commercial basis, and manage hazardous waste, industrial nonhazardous waste, or both.

Government Publication Date: Dec 1, 2020

Industrial and Hazardous Waste - Receivers:

[IHW RECEIVER](#)

List of active, inactive, and post-closure Industrial and Hazardous Waste Receiver Facilities permitted by or registered with the Texas Commission on Environmental Quality (TCEQ) under the Texas Administrative Code (TAC) Title 30 Chapter 335.

Government Publication Date: Jul 21, 2022

Radioactive Waste Sites:

[RWS](#)

This Texas Commission on Environmental Quality (TCEQ) database contains all sites in the State of Texas designated as Radioactive Waste sites as of 2006. The TCEQ no longer maintains this site listing.

Government Publication Date: Jul 11, 2006

Leaking Petroleum Storage Tank Database:

[LPST](#)

List of cleanup sites where contamination was caused by spills, leaks, or other releases of petroleum or hazardous substances from underground and/or aboveground storage tanks regulated by the Texas Commission on Environmental Quality (TCEQ).

Government Publication Date: Aug 3, 2022

Delisted Leaking Storage Tanks:

[DELISTED LST](#)

This database contains a list of leaking storage tank sites that were removed from the Texas Commission on Environmental Quality (TCEQ).

Government Publication Date: Aug 3, 2022

Underground Petroleum Storage Tanks:

[UST](#)

List of facilities that have one or more Underground Storage Tank (UST)s registered and regulated by the Texas Commission on Environmental Quality (TCEQ).

Government Publication Date: Aug 4, 2022

Aboveground Storage Tanks:

[AST](#)

List of facilities that have one or more Aboveground Storage Tank (AST)s registered and regulated by the Texas Commission on Environmental Quality (TCEQ).

Government Publication Date: Aug 4, 2022

Petroleum Storage Tanks Database:

[PST](#)

List of facilities included on the list of tank facilities made available by the Texas Commission on Environmental Quality (TCEQ) that have no association as either underground or aboveground tanks.

Government Publication Date: Aug 4, 2022

Historical Tank Construction Notification:

[HIST TANK](#)

A list of facilities with historic petroleum storage tank construction notification activity made available by the Texas Commission on Environmental Quality (TCEQ). Any person who intends either to install a new or replacement underground storage tank (UST), to remove a UST from the ground, to conduct a permanent abandonment in-place of a UST, or make any repairs or improvements of a UST must submit a Construction Notification Form.

Government Publication Date: Jul 19, 2022

Austin Underground Storage Tanks:

[UST AUSTIN](#)

A list of underground gas storage tanks both current and historical from the City of Austin Open Data Portal. Data provided by Planning and Zoning, City of Austin.

Government Publication Date: Jul 19, 2022

Salt Caverns for Petroleum Storage:

[PETROL CAVERN](#)

Listing of salt caverns for petroleum storage, made available by the Railroad Commission of Texas. Salt caverns, constructed in naturally occurring salt domes or salt beds, are used as storage for hydrocarbons including crude oil and natural gases.

Government Publication Date: Sep 1, 2006

Delisted Storage Tanks:

[DTNK](#)

This database contains a list of storage tank sites that were removed from the Texas Commission on Environmental Quality (TCEQ).

Government Publication Date: Aug 4, 2022

Sites with Controls:

[AUL](#)

Sites under several Texas Commission on Environmental Quality (TCEQ) remediation programs which have institutional or engineering controls.

Government Publication Date: Aug 11, 2022

Voluntary Cleanup Program:

[VCP](#)

List of sites which have participated or are currently participating in the Voluntary Cleanup Program (VCP) administered by the Texas Commission on Environmental Quality (TCEQ). The VCP provides administrative, technical, and legal incentives to encourage the cleanup of contaminated sites in Texas.

Government Publication Date: Aug 15, 2022

Texas Railroad Commission Voluntary Cleanup Program:

[VCP RRC](#)

List of facilities which have participated in or are currently participating in the Voluntary Cleanup Program (VCP) operated by the Railroad Commission of Texas (RRC). The RRC VCP provides an incentive to remediate Oil & Gas related pollution.

Government Publication Date: Aug 15, 2022

Operator Cleanup Program:

[OP CLEANUP](#)

A list of sites in the Texas Railroad Commission (RRC)'s Operator Cleanup Program (OCP). The OCP, under the Site Remediation Section, is tasked with oversight of complex pollution cleanups performed by the oil and gas industry. Complex sites include those that occur in sensitive environmental areas as defined by 16 TAC3.91 (SWR 91) and may require site specific cleanup levels based on risk. When cleanup activities are successfully completed by the operator, Commission staff may issue a "No Further Action" letter acknowledging completion.

Government Publication Date: Sep 13, 2022

Innocent Owner/Operator Program:

[IOP](#)

A list of sites in the Innocent Owner/Operator Program (IOP) made available by Texas Commission of Environmental Quality (TCEQ) . IOP provides certificates to innocent owners or operators whom their properties are contaminated as a result of a release or migration of contaminants from a source or sources not located on the property, and they did not cause or contribute to the source or sources of contamination.

Government Publication Date: Aug 10, 2022

Brownfields Site Assessments Database:

[BROWNFIELDS](#)

The Texas Commission on Environmental Quality (TCEQ) Brownfields Site Assessment Program (BSA) layer is used to identify the geographic location of all "Active and Inactive BSA" sites within the State of Texas.

Government Publication Date: Oct 3, 2022

Texas Railroad Commission Brownfields:

[BROWN RRC](#)

List of sites which have participated or are currently participating in the Railroad Commission of Texas (RRC) Brownfields Response Program (BRP). The RRC BRP provides technical and financial support for redevelopment of abandoned oil and gas sites.

Government Publication Date: Aug 15, 2022

Municipal Setting Designation:

[MSD](#)

Municipal Setting Designations (MSD) list is maintained by Texas Commission on Environmental Quality (TCEQ). An MSD is an official state designation given to property within a municipality or its extraterritorial jurisdiction that certifies that designated groundwater at the property is not used as potable water, and is prohibited from future use as potable water because that groundwater is contaminated in excess of the applicable potable-water protective concentration level.

Government Publication Date: May 24, 2022

Tribal

Leaking Underground Storage Tanks (LUSTs) on Tribal/Indian Lands:

INDIAN LUST

Leaking Underground Storage Tanks (LUSTs) on Tribal/Indian Lands in EPA Region 6, which include Texas. There are no LUST records in Texas at this time.

Government Publication Date: Oct 6, 2017

Underground Storage Tanks (USTs) on Indian Lands:

INDIAN UST

This list of underground storage tanks (USTs) on Tribal/Indian Lands in Region 6, which includes Texas, is provided by the United States Environmental Protection Agency (EPA).

Government Publication Date: Apr 28, 2022

Delisted Tribal Leaking Storage Tanks:

DELISTED ILST

Leaking Underground Storage Tank facilities which have been removed from the Regional Tribal LUST lists made available by the EPA.

Government Publication Date: Apr 9, 2022

Delisted Tribal Underground Storage Tanks:

DELISTED IUST

Underground Storage Tank facilities which have been removed from the Regional Tribal UST lists made available by the EPA.

Government Publication Date: Apr 20, 2022

County

No County standard environmental record sources available for this State.

Additional Environmental Record Sources

Federal

Facility Registry Service/Facility Index:

FINDS/FRS

The Facility Registry Service (FRS) is a centrally managed database that identifies facilities, sites, or places subject to environmental regulations or of environmental interest. FRS creates high-quality, accurate, and authoritative facility identification records through rigorous verification and management procedures that incorporate information from program national systems, state master facility records, and data collected from EPA's Central Data Exchange registrations and data management personnel. This list is made available by the Environmental Protection Agency (US EPA).

Government Publication Date: Nov 2, 2020

Toxics Release Inventory (TRI) Program:

TRIS

The EPA's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of over 650 toxic chemicals from thousands of U.S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment. One of TRI's primary purposes is to inform communities about toxic chemical releases to the environment.

Government Publication Date: Aug 24, 2021

Perfluorinated Alkyl Substances (PFAS) Releases:

PFAS TRI

List of Toxics Release Inventory (TRI) facilities at which the reported chemical is a Per- or polyfluorinated alkyl substance (PFAS) included in the Environmental Protection Agency (EPA)'s consolidated PFAS Master List of PFAS Substances. The EPA's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of over 650 toxic chemicals from thousands of U.S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment.

Government Publication Date: Aug 24, 2021

PFOA/PFOS Contaminated Sites:

PFAS NPL

List of National Priorities List (NPL) and related Superfund Alternative Agreement (SAA) sites where PFOA or PFOS contaminants have been found in water and/or soil. The site listing is provided by the Federal Environmental Protection Agency (EPA).

Government Publication Date: Jul 18, 2022

Perfluorinated Alkyl Substances (PFAS) Water Quality:

[PFAS WATER](#)

The Water Quality Portal (WQP) is a cooperative service sponsored by the United States Geological Survey (USGS), the Environmental Protection Agency (EPA), and the National Water Quality Monitoring Council (NWQMC). This listing includes records from the Water Quality Portal where the characteristic (environmental measurement) is in the Environmental Protection Agency (EPA)'s consolidated PFAS Master List of PFAS Substances.

Government Publication Date: Jul 20, 2020

SSEHRI PFAS Contamination Sites:

[PFAS SSEHRI](#)

This PFAS Contamination Site Tracker database is compiled by the Social Science Environmental Health Research Institute (SSEHRI) at Northeastern University. According to the SSEHRI, the database records qualitative and quantitative data from each known site of PFAS contamination, including timeline of discovery, sources, levels, health impacts, community response, and government response. The goal of this database is to compile information and support public understanding of the rapidly unfolding issue of PFAS contamination. All data presented was extracted from government websites, news articles, or publicly available documents, and this is cited in the tracker. Disclaimer: The source conveys this database undergoes regular updates as new information becomes available, some sites may be missing and/or contain information that is incorrect or outdated, as well as their information represents all contamination sites SSEHRI is aware of, not all possible contamination sites. This data is not intended to be used for legal purposes. Limited location details are available with this data. Access the following for the most current informations <https://pfasproject.com/pfas-contamination-site-tracker/>

Government Publication Date: Dec 12, 2019

National Response Center PFAS Spills:

[ERNS PFAS](#)

National Response Center (NRC) calls from 1990 to the most recent complete calendar year where there is indication of Aqueous Film Forming Foam (AFFF) usage. NRC calls may reference AFFF usage in the "Material Involved" or "Incident Description" fields. Data made available by the US Environmental Protection Agency (EPA). Disclaimer: dataset may include initial or misidentified incident data not yet validated or investigated by a federal/state response agency.

Government Publication Date: Feb 23, 2022

Hazardous Materials Information Reporting System:

[HMIRS](#)

US DOT - Department of Transportation Pipeline and Hazardous Materials Safety Administration (PHMSA) Incidents Reports Database taken from Hazmat Intelligence Portal, U.S. Department of Transportation.

Government Publication Date: Sep 1, 2020

National Clandestine Drug Labs:

[NCDL](#)

The U.S. Department of Justice ("the Department") provides this data as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy.

Government Publication Date: Apr 30, 2022

Toxic Substances Control Act:

[TSCA](#)

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.

The CDR enables EPA to collect and publish information on the manufacturing, processing, and use of commercial chemical substances and mixtures (referred to hereafter as chemical substances) on the TSCA Chemical Substance Inventory (TSCA Inventory). This includes current information on chemical substance production volumes, manufacturing sites, and how the chemical substances are used. This information helps the Agency determine whether people or the environment are potentially exposed to reported chemical substances. EPA publishes submitted CDR data that is not Confidential Business Information (CBI).

Government Publication Date: Apr 11, 2019

Hist TSCA:

[HIST TSCA](#)

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.

The 2006 IUR data summary report includes information about chemicals manufactured or imported in quantities of 25,000 pounds or more at a single site during calendar year 2005. In addition to the basic manufacturing information collected in previous reporting cycles, the 2006 cycle is the first time EPA collected information to characterize exposure during manufacturing, processing and use of organic chemicals. The 2006 cycle also is the first time manufacturers of inorganic chemicals were required to report basic manufacturing information.

Government Publication Date: Dec 31, 2006

FTTS Administrative Case Listing:

[FTTS ADMIN](#)

An administrative case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

FTTS Inspection Case Listing:

FTTS INSP

An inspection case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

Potentially Responsible Parties List:

PRP

Early in the cleanup process, the Environmental Protection Agency (EPA) conducts a search to find the potentially responsible parties (PRPs). EPA looks for evidence to determine liability by matching wastes found at the site with parties that may have contributed wastes to the site.

Government Publication Date: Jul 26, 2022

State Coalition for Remediation of Drycleaners Listing:

SCRD DRYCLEANER

The State Coalition for Remediation of Drycleaners (SCRD) was established in 1998, with support from the U.S. Environmental Protection Agency (EPA) Office of Superfund Remediation and Technology Innovation. Coalition members are states with mandated programs and funding for drycleaner site remediation. Current members are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin. Since 2017, the SCRCD no longer maintains this data, refer to applicable state source data where available.

Government Publication Date: Nov 08, 2017

Integrated Compliance Information System (ICIS):

ICIS

The Integrated Compliance Information System (ICIS) is a system that provides information for the Federal Enforcement and Compliance (FE&C) and the National Pollutant Discharge Elimination System (NPDES) programs. The FE&C component supports the Environmental Protection Agency's (EPA) Civil Enforcement and Compliance program activities. These activities include Compliance Assistance, Compliance Monitoring and Enforcement. The NPDES program supports tracking of NPDES permits, limits, discharge monitoring data and other program reports.

Government Publication Date: Apr 30, 2022

Drycleaner Facilities:

FED DRYCLEANERS

A list of drycleaner facilities from Enforcement and Compliance History Online (ECHO) online search. The Environmental Protection Agency (EPA) tracks facilities that possess NAIC and SIC codes that classify businesses as drycleaner establishments.

Government Publication Date: Jun 25, 2022

Delisted Drycleaner Facilities:

DELISTED FED DRY

List of sites removed from the list of Drycleaner Facilities (sites in the EPA's Integrated Compliance Information System (ICIS) with NAIC or SIC codes identifying the business as a drycleaner establishment).

Government Publication Date: Jun 25, 2022

Formerly Used Defense Sites:

FUDS

Formerly Used Defense Sites (FUDS) are properties that were formerly owned by, leased to, or otherwise possessed by and under the jurisdiction of the Secretary of Defense prior to October 1986, where the Department of Defense (DoD) is responsible for an environmental restoration. This list is published by the U.S. Army Corps of Engineers.

Government Publication Date: May 26, 2021

Former Military Nike Missile Sites:

FORMER NIKE

This information was taken from report DRXTH-AS-IA-83A016 (Historical Overview of the Nike Missile System, 12/1984) which was performed by Environmental Science and Engineering, Inc. for the U.S. Army Toxic and Hazardous Materials Agency Assessment Division. The Nike system was deployed between 1954 and the mid-1970's. Among the substances used or stored on Nike sites were liquid missile fuel (JP-4); starter fluids (UDKH, aniline, and furfuryl alcohol); oxidizer (IRFNA); hydrocarbons (motor oil, hydraulic fluid, diesel fuel, gasoline, heating oil); solvents (carbon tetrachloride, trichloroethylene, trichloroethane, stoddard solvent); and battery electrolyte. The quantities of material a disposed of and procedures for disposal are not documented in published reports. Virtually all information concerning the potential for contamination at Nike sites is confined to personnel who were assigned to Nike sites. During deactivation most hardware was shipped to depot-level supply points. There were reportedly instances where excess materials were disposed of on or near the site itself at closure. There was reportedly no routine site decontamination.

Government Publication Date: Dec 2, 1984

PHMSA Pipeline Safety Flagged Incidents:

PIPELINE INCIDENT

A list of flagged pipeline incidents made available by the U.S. Department of Transportation (US DOT) Pipeline and Hazardous Materials Safety Administration (PHMSA). PHMSA regulations require incident and accident reports for five different pipeline system types.

Government Publication Date: Jul 7, 2020

Material Licensing Tracking System (MLTS):

[MLTS](#)

A list of sites that store radioactive material subject to the Nuclear Regulatory Commission (NRC) licensing requirements. This list is maintained by the NRC. As of September 2016, the NRC no longer releases location information for sites. Site locations were last received in July 2016.

Government Publication Date: May 11, 2021

Historic Material Licensing Tracking System (MLTS) sites:

[HIST MLTS](#)

A historic list of sites that have inactive licenses and/or removed from the Material Licensing Tracking System (MLTS). In some cases, a site is removed from the MLTS when the state becomes an "Agreement State". An Agreement State is a State that has signed an agreement with the Nuclear Regulatory Commission (NRC) authorizing the State to regulate certain uses of radioactive materials within the State.

Government Publication Date: Jan 31, 2010

Mines Master Index File:

[MINES](#)

The Master Index File (MIF) is provided by the United State Department of Labor, Mine Safety and Health Administration (MSHA). This file, which was originally created in the 1970's, contained many Mine-IDs that were invalid. MSHA removes invalid IDs from the MIF upon discovery. MSHA applicable data includes the following: all Coal and Metal/Non-Metal mines under MSHA's jurisdiction since 1/1/1970; mine addresses for all mines in the database except for Abandoned mines prior to 1998 from MSHA's legacy system (addresses may or may not correspond with the physical location of the mine itself); violations that have been assessed penalties as a result of MSHA inspections beginning on 1/1/2000; and violations issued as a result of MSHA inspections conducted beginning on 1/1/2000.

Government Publication Date: Aug 3, 2022

Surface Mining Control and Reclamation Act Sites:

[SMCRA](#)

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by the Office of Surface Mining Reclamation and Enforcement (OSMRE) to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of Abandoned Mine Land (AML) impacts, as well as information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Government Publication Date: Aug 18, 2022

Mineral Resource Data System:

[MRDS](#)

The Mineral Resource Data System (MRDS) is a collection of reports describing metallic and nonmetallic mineral resources throughout the world. Included are deposit name, location, commodity, deposit description, geologic characteristics, production, reserves, resources, and references. This database contains the records previously provided in the Mineral Resource Data System (MRDS) of USGS and the Mineral Availability System/Mineral Industry Locator System (MAS/MILS) originated in the U.S. Bureau of Mines, which is now part of USGS. The USGS has ceased systematic updates of the MRDS database with their focus more recently on deposits of critical minerals while providing a well-documented baseline of historical mine locations from USGS topographic maps.

Government Publication Date: Mar 15, 2016

Uranium Mill Tailings Radiation Control Act Sites:

[URANIUM](#)

The Legacy Management Office of the Department of Energy (DOE) manages radioactive and chemical waste, environmental contamination, and hazardous material at over 100 sites across the U.S. The L.M. Office manages this database of sites registered under the Uranium Mill Tailings Control Act (UMTRCA).

Government Publication Date: Mar 4, 2017

Alternative Fueling Stations:

[ALT FUELS](#)

List of alternative fueling stations made available by the US Department of Energy's Office of Energy Efficiency & Renewable Energy. Includes Biodiesel stations, Ethanol (E85) stations, Liquefied Petroleum Gas (Propane) stations, Ethanol (E85) stations, Natural Gas stations, Hydrogen stations, and Electric Vehicle Supply Equipment (EVSE). The National Renewable Energy Laboratory (NREL) obtains information about new stations from trade media, Clean Cities coordinators, a Submit New Station form on the Station Locator website, and through collaborating with infrastructure equipment and fuel providers, original equipment manufacturers (OEMs), and industry groups.

Government Publication Date: Aug 1, 2022

Superfunds Consent Decrees:

[CONSENT DECREES](#)

A list of Superfund consent decrees made available by the Department of Justice, Environment & Natural Resources Division (ENRD).

Government Publication Date: May 18, 2022

Air Facility System:

[AFS](#)

This EPA retired Air Facility System (AFS) dataset contains emissions, compliance, and enforcement data on stationary sources of air pollution. Regulated sources cover a wide spectrum; from large industrial facilities to relatively small operations such as dry cleaners. AFS does not contain data on facilities that are solely asbestos demolition and/or renovation contractors, or landfills. ECHO Clean Air Act data from AFS are frozen and reflect data as of October 17, 2014; the EPA retired this system for Clean Air Act stationary sources and transitioned to ICIS-Air.

Government Publication Date: Oct 17, 2014

Registered Pesticide Establishments:

SSTS

List of active EPA-registered foreign and domestic pesticide-producing and device-producing establishments based on data from the Section Seven Tracking System (SSTS). The Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) Section 7 requires that facilities producing pesticides, active ingredients, or devices be registered. The list of establishments is made available by the EPA.

Government Publication Date: Mar 30, 2022

Polychlorinated Biphenyl (PCB) Transformers:

PCBT

Locations of Transformers Containing Polychlorinated Biphenyls (PCBs) registered with the United States Environmental Protection Agency. PCB transformer owners must register their transformer(s) with EPA. Although not required, PCB transformer owners who have removed and properly disposed of a registered PCB transformer may notify EPA to have their PCB transformer de-registered. Data made available by EPA.

Government Publication Date: Oct 15, 2019

Polychlorinated Biphenyl (PCB) Notifiers:

PCB

Facilities included in the national list of facilities that have notified the United States Environmental Protection Agency (EPA) of Polychlorinated Biphenyl (PCB) activities. Any company or person storing, transporting or disposing of PCBs or conducting PCB research and development must notify the EPA and receive an identification number.

Government Publication Date: Jul 28, 2022

State

Dry Cleaner Remediation Program Prioritization List:

PRIORITY CLEAN

The Texas Commission on Environmental Quality (TCEQ) implements environmental standards for dry cleaners. The Dry Cleaner Remediation Program (DCRP) establishes a prioritization list of dry cleaner sites and administers the Dry Cleaning Remediation fund to assist with remediation of contamination caused by dry cleaning solvents. Includes prioritized sites identified under the DCRP, as well as sites closed under the DCRP.

Government Publication Date: Sep 1, 2022

Registered Dry Cleaning Facilities:

DRYCLEANERS

The Texas Commission of Environment Quality (TCEQ) maintains a statewide registration list of current dry cleaners.

Government Publication Date: Aug 23, 2022

Delisted Drycleaning Facility List:

DELISTED DRYCLEANERS

A list of sites which have been removed from the list of dry cleaning facilities registered with the Texas Commission of Environment Quality (TCEQ). Sites are removed when they are no longer used as dry cleaning facilities.

Government Publication Date: Aug 23, 2022

Groundwater Contamination Cases:

GWCC

List of sites present in the TCEQ Groundwater Contamination Viewer, which represent groundwater contamination cases in Texas as per TCEQ publication SFR-056 (current and some previous years). The Joint Groundwater Monitoring and Contamination Report (SFR-056) was designed and produced by the Texas Groundwater Protection Committee in fulfillment of requirements given in Section 26.406 of the Texas Water Code. The information does not represent an on-the-ground survey and represents only the approximate relative location of property boundaries.

Government Publication Date: Dec 31, 2020

Historical Groundwater Contamination Cases:

GWCC HIST

List of sites from a Joint Groundwater Monitoring and Contamination Report provided by the Texas Commission on Environmental Quality (TCEQ) with the Railroad Commission of Texas (RRC). The annual report describes the status of groundwater monitoring activities conducted or required by each agency at regulated facilities or associated with regulated activities. The report provides a general overview of groundwater monitoring by participating members on a program by program basis. Groundwater contamination is broadly defined in the report as any detrimental alteration of the naturally occurring quality of groundwater.

Government Publication Date: Dec 31, 2018

Affected Property Assessment Reports:

APAR

List of sites for which an Affected Property Assessment Report has been submitted to the Texas Commission on Environmental Quality (TCEQ). An APAR is required when a person is addressing a release of COCs under 30 TAC Chapter 350, the Texas Risk Reduction Program (TRRP). The purpose of the APAR is to document all relevant affected property information to identify all release sources and chemicals of concern (COCs), determine the extent of all COCs, identify all transport/exposure pathways, and to determine if any response actions are necessary.

Government Publication Date: Jun 3, 2022

Spills Database:

SPILLS

List of Spills reported to Emergency Response Division of the Texas Commission on Environmental Quality (TCEQ).

Government Publication Date: Jul 5, 2022

Industrial and Hazardous Waste Sites with Corrective Actions:

IHW CORR ACTION

List of Industrial and Hazardous Waste sites with Corrective Actions made available by the Texas Commission of Environmental Quality (TCEQ). The mission of the industrial and hazardous waste (IHW) corrective action program is to oversee the cleanup of sites contaminated from industrial and municipal hazardous and industrial nonhazardous wastes.

Government Publication Date: Aug 16, 2022

Per- and Polyfluoroalkyl Substances (PFAS):

PFAS

A list of sites from the Central Registry and ARTS databases where Per- and Polyfluoroalkyl substances (PFAS) containing materials may be of concern. This list is made available by the Remediation Division of the Texas Commission on Environmental Quality (TCEQ).

Government Publication Date: May 18, 2022

Land Application Permits:

LAND APPL

Texas Land Application Permits are a requirement from the Texas Commission on Environmental Quality for any domestic facility that disposes of treated effluent by land application such as surface irrigation, evaporation, drainfields or subsurface land application.

Government Publication Date: Jul 19, 2022

Notice of Violation:

NOV

List of sites that have been sent a Notice of Violation (NOV) by the Texas Commission on Environmental Quality (TCEQ) Office of Compliance and Enforcement. A Notice of Violation is sent out when a site falls out of compliance and has a prescribed time period to return to compliance.

Government Publication Date: May 2, 2022

Notices of Enforcement:

NOE

Listing of investigations resulting in a Notice of Enforcement (NOE), made available by the Texas Commission on Environmental Quality, Office of Compliance & Enforcement. Multiple violations may be due to identified noncompliance with different regulatory requirements (citations).

Government Publication Date: Jul 5, 2022

Environmental Liens Listing:

LIENS

List of sites/facilities against which the Texas Commission on Environmental Quality (TCEQ) has placed liens to recover cleanup costs associated with Federal or State Superfund cleanup activities.

Government Publication Date: Aug 11, 2022

Court Orders & Administrative Orders:

ORD

List of sites that have been sent an Administrative Order or Court Order by the Texas Commission on Environmental Quality (TCEQ) Office of Compliance and Enforcement.

Government Publication Date: Mar 21, 2022

Inactive Regulated RCRA Generator Facilities:

HIST RCRA GEN

A list of facilities which were once registered as generators of hazardous waste, but are no longer active or no longer require registration. The U.S. Environmental Protection Agency (EPA) requires the Texas Commission on Environmental Quality (TCEQ) to investigate hazardous waste generators. If an unregistered/inactive industrial site generates less than 220 pounds of hazardous or Class 1 industrial waste, it does not have to notify or report to the TCEQ.

Government Publication Date: Mar 18, 2022

Recycle Texas Online Program:

RTOL

A list of recycling facilities under the Recycle Texas Online service/program made available by the Texas Commission of Environmental Quality (TCEQ). This program allowed facilities to self-report and post their own company/facility information. This program is no longer maintained and these data will not be updated.

Underground Injection Control:

[UIC](#)

List of underground injection control (UIC) permits in the Texas Commission on Environmental Quality (TCEQ) Central Registry database. Includes Class I, Class III, Class IV, Class 5, and non permitted UICs; does not include injection wells regulated by the Railroad Commission of Texas.

Government Publication Date: Aug 12, 2022

Industrial and Hazardous Waste - Generators:

[IHW GENERATOR](#)

List of active, inactive, and post-closure Industrial and Hazardous Waste Generator Facilities permitted by or registered with the Texas Commission on Environmental Quality (TCEQ) under the Texas Administrative Code (TAC) Title 30 Chapter 335.

Government Publication Date: Jul 21, 2022

Industrial and Hazardous Waste - Transporters:

[IHW TRANSPORT](#)

List of active, inactive, and post-closure Industrial and Hazardous Waste Transporter Facilities permitted by or registered with the Texas Commission on Environmental Quality (TCEQ) under the Texas Administrative Code (TAC) Title 30 Chapter 335.

Government Publication Date: Jul 21, 2022

New Source Review (NSR) Permits:

[AIR PERMITS](#)

A list of facilities that have applied for New Source Review air permits made available by the Texas Commission on Environmental Quality (TCEQ).

Government Publication Date: Aug 17, 2022

Point Source Emissions Inventory:

[EMISSIONS](#)

A list of Texas Commission on Environmental Quality (TCEQ) Point Source Emissions Inventory sites. The Point Source Emissions Inventory is an annual survey of chemical plants, refineries, electric utility plants and other industrial sites that meet the reporting criteria in the TCEQ emissions inventory rule (30 TAC §101.10Exit the TCEQ).

Government Publication Date: Apr 25, 2022

Tier 2 Report:

[TIER 2](#)

Historical listing of facilities in Texas that store hazardous chemicals and are required to report them under the Emergency Planning and Community Right-to-Know Act (EPCRA) of 1986. This data was provided by the Department of State Health Services (DSHS) and contains facility reports for the 2005 through the 2012 calendar years. Since 2012, agencies are unable to release this listing, as Tier II information is confidential under Texas Government Code Chapter 418, the Texas Disaster Act (TDA). Site specific inquiries can be made to the Texas Commission on Environmental Quality Tier II Chemical Reporting Division.

Government Publication Date: Dec 31, 2012

Edwards Aquifer Permits:

[EDWARDS AQUIFER](#)

Listing of Edwards Aquifer permits made available by the Texas Commission on Environmental Quality (TCEQ). The Edwards Aquifer is home to diverse fauna and is a drinking water source for the city of San Antonio and surrounding central Texas communities. Before building on the recharge, transition, or contributing zones of the Edwards Aquifer, a plan must first be reviewed and approved by the TCEQ Edwards Aquifer Protection Program.

Government Publication Date: May 23, 2022

Tribal

No Tribal additional environmental record sources available for this State.

County

No County additional environmental record sources available for this State.

Definitions

Database Descriptions: This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

Detail Report: This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

Distance: The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

Direction: The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

Elevation: The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

Executive Summary: This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

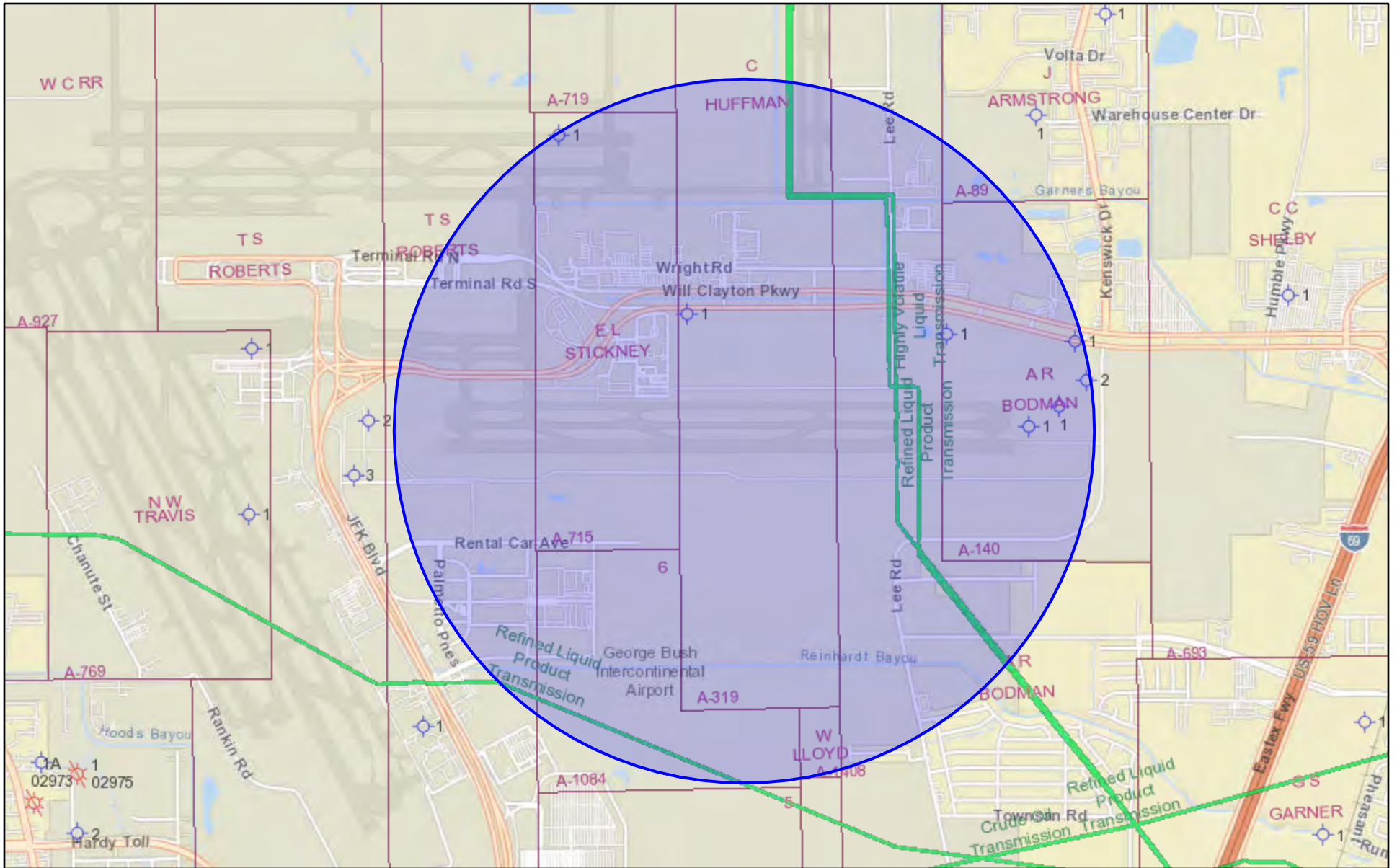
Map Key: The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

Unplottables: These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.

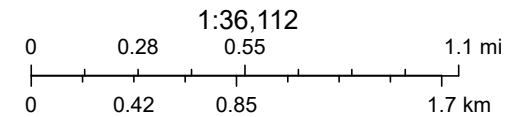
Appendix F
Supplemental Documentation

HAS IAH Taxiways SA-SB Oil & Gas Well and Pipelines Map



October 26, 2022

Texas Railroad Commission

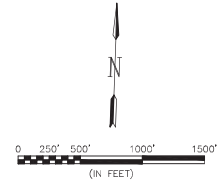
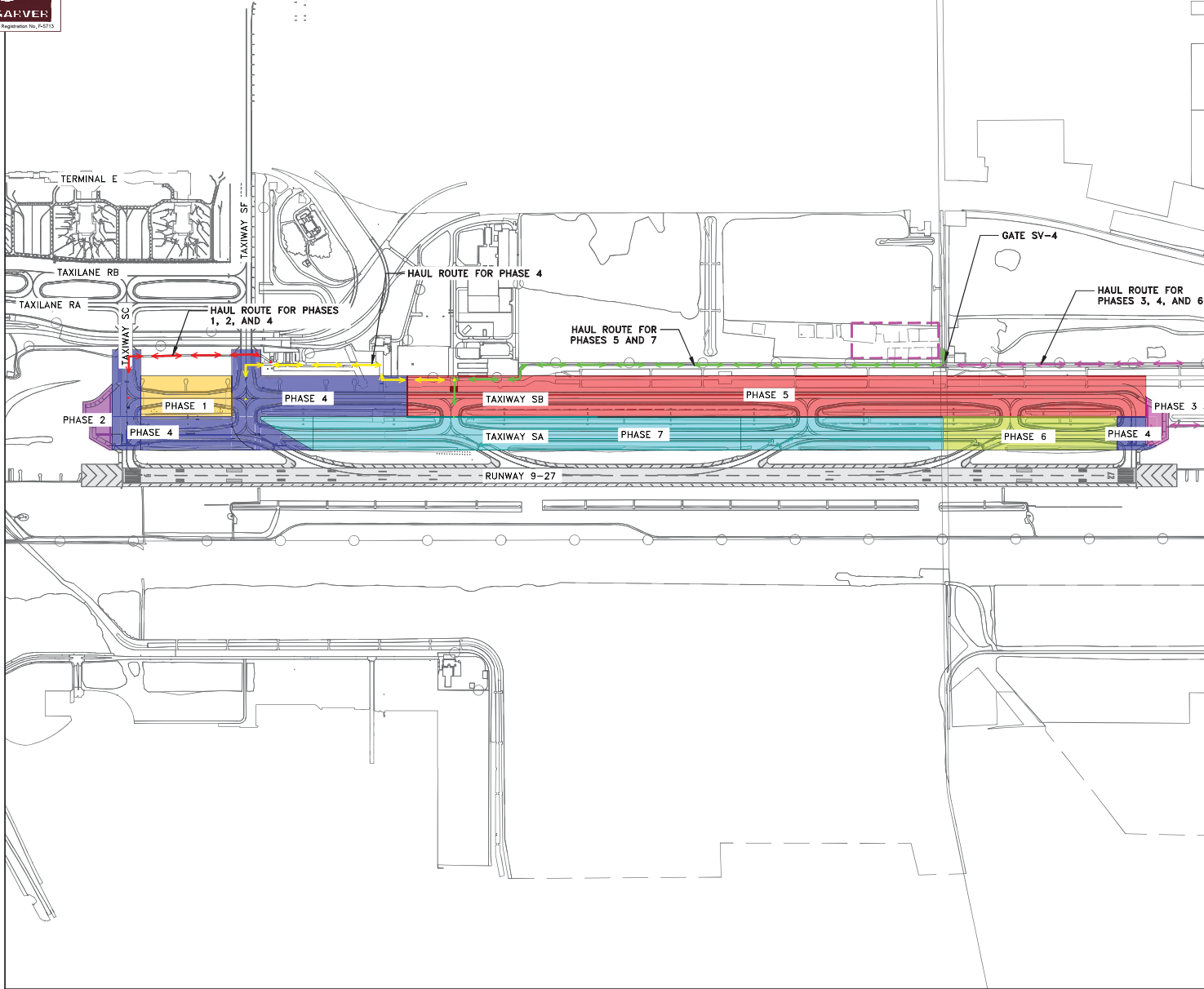


Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand),

Attachment 8
Construction Phasing Plan



1893 Registration No. F-0715



NOTES:

1. CONTRACTOR SHALL USE EXTREME CAUTION WHILE MOVING ON ACTIVE TAXIWAYS AND SHALL ONLY USE APPROVED HAUL ROUTES FOR TRANSPORTATION PURPOSES..
2. WORK ON PHASE 4 REQUIRES CLOSURE OF RUNWAY 9-27. WHEN THIS OCCURS, ALL PAVEMENT SOUTH OF TAXILANE RA SHALL CLOSE, AND BARRICADES SHALL BE PLACED OUTSIDE THE OBJECT FREE AREA OF TAXILANE RA INDICATING THE CLOSURE OF THE TAXIWAYS SC AND SF BRIDGES.
3. THE PURPOSE OF THE PHASE ORDER NUMBERING IS TO GIVE THE CONTRACTOR A BASIC IDEA OF HOW THE PROJECT SHALL PROCEED. PHASING ORDER CAN BE CHANGED AT THE DIRECTION OF HAS OR AT THE REQUEST OF THE CONTRACTOR WITH THE APPROVAL OF HAS.

LEGEND

- PHASING WORK AREA
- CONSTRUCTION STAGING AREA
- HAUL ROUTE

CONSTRUCTION PHASE DURATION		
PHASE	DURATION	WORK HOURS
1	30	24 / 7
2	14	10PM-6AM
3	14	10PM-6AM
4	60	24 / 7
5	60	24 / 7
6	30	24 / 7
7	60	24 / 7

JACOBS

JACOBS ENGINEERING GROUP INC.
8800 HOUSTON ROAD
HOUSTON, TEXAS 77029
91-832-3511-0000
WWW.JACOBS.COM
TEXAS P.E. FIRM F-2848

REVISIONS

NO.	DESCRIPTION	DATE	BY

GEORGE BUSH INTERCONTINENTAL AIRPORT
REHABILITATION OF TAXIWAYS SA & SB (PART A)
OVERALL PHASING PLAN

PROJECT MGR: DT
DESIGNER: TM
DRAWN BY: TM
CHECK BY: DT
SCALE: 1"=500'
DATE: 01/23/2023

DANIEL C. TOMPKINS
TEXAS REGISTRATION
127450 FOR REVIEW
ONLY. DESIGN
DOCUMENTS DEPICTED
HERE IN ARE
INCOMPLETE AND MAY
NOT BE USED FOR
REGULATORY APPROVAL,
PERMIT OR
CONSTRUCTION DATE
(01/23/2023)

APPROVED BY: JEF

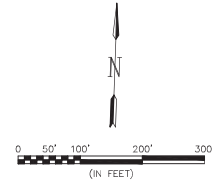
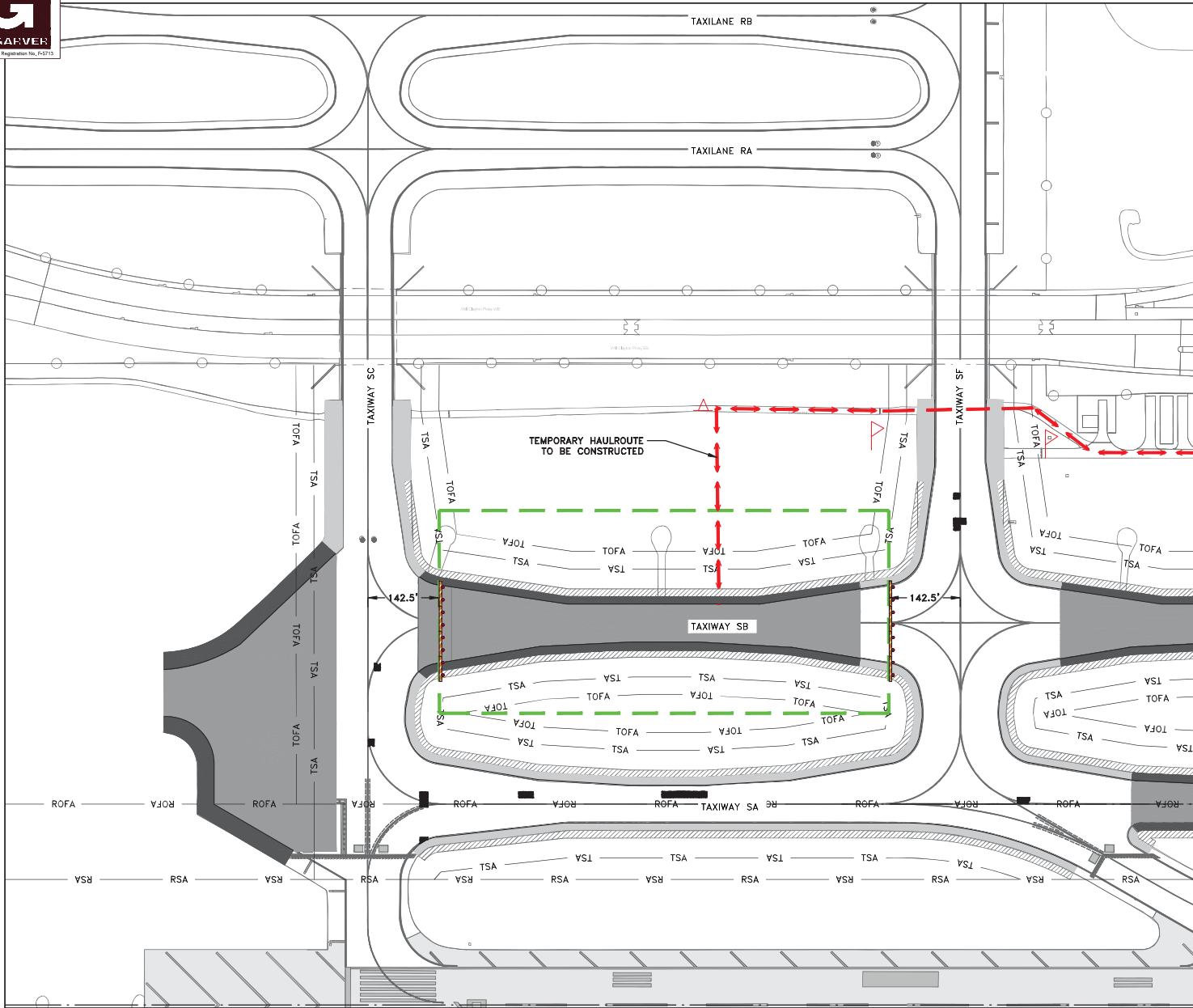
DIRECTOR
HOUSTON AIRPORT SYSTEM

PROJECT NO. 0646A
A.L.P. NO. XXXX
C.L.P. NO. XXXX
H.A.S. NO. 2000646A
SHEET NO.

HAS FILE: c:\Users\jagranado\OneDrive - garver\0646A\02 - CSPP\Sheet Files\064602.04.dwg
PLOT DATE: 3/10/2022 11:06:43 AM



1878 Registration No. 18-0713



NOTES:

1. WORK HOURS SHALL BE 24/7.
2. CLOSURES: TAXIWAY SB SHALL BE CLOSED BETWEEN TAXIWAYS SF AND SC.
3. CONTRACTOR SHALL USE EXTREME CAUTION WHILE MOVING ON ACTIVE TAXIWAYS AND SHALL ONLY USE APPROVED HAUL ROUTES FOR TRANSPORTATION PURPOSES.
4. ANY SEEDING USED ON THE AIRFIELD MUST BE APPROVE BY THE AIRPORT QUALIFIED AIRFIELD WILDLIFE BIOLOGIST.
5. "CANDY CANE" MARKERS SHALL BE USED TO DELINEATE THE EXTENTS OF THE WORK AREA AS WELL AS THE UNPAVED HAUL ROUTE.

LEGEND

- PROPOSED ASPHALT SHOULDER MILL & OVERLAY
- PROPOSED CONCRETE SLAB RECONSTRUCTION
- PROPOSED FULL DEPTH ASPHALT SHOULDER WIDENING
- TSA - TAXIWAY SAFETY AREA
- TOFA - TAXIWAY OBJECT FREE AREA
- RSA - RUNWAY SAFETY AREA
- ROFA - RUNWAY OBJECT FREE AREA
- LOW-PROFILE BARRICADE
- PHASING WORK AREA
- HAUL ROUTE ON ACTIVE TAXIWAY
- HAUL ROUTE
- FLAGGER
- TRAFFIC CONES FOR HAUL ROUTE DELINEATION

PHASE IMPACTS

TAXIWAY SB CLOSED BETWEEN TAXIWAY SC AND TAXIWAY SF



Jacobs

JACOBS ENGINEERING GROUP INC.
3909 HORIZONTAL ROAD
HOUSTON, TEXAS 77072
91-432-3511 (EXT.)
WWW.JACOBS.COM
TEXAS P.E. FIRM F-2848

REVISIONS

NO. DESCRIPTION DATE BY

HAS FILE: c:\Users\jagranato\OneDrive - garver\06462\02 - CSPP\Sheet Files\0646002.dwg
 PLOT DATE: 3/10/2022 11:06:43 AM

GEORGE BUSH INTERCONTINENTAL AIRPORT
 REHABILITATION OF TAXIWAYS SA & SB (PART A)
 PHASING PLAN - PHASE 1

PROJECT MGR:	DT
DESIGNER:	TW
DRAWN BY:	TW
CHECK BY:	DT
SCALE:	1" = 100'
DATE:	01/23/2023

DANIEL C. TOMPKINS
 TEXAS REGISTRATION
 127450 FOR REVIEW
 ONLY. DESIGN
 DOCUMENTS DEPICTED
 HERE IN ARE
 INCOMPLETE AND MAY
 NOT BE USED FOR
 REGULATORY APPROVAL,
 PERMIT OR
 CONSTRUCTION DATE
 (01/23/2023)

APPROVED BY: JEF

PROJECT NO. 0646A

ALP. NO. XXXX

C.I.P. NO. XXXX

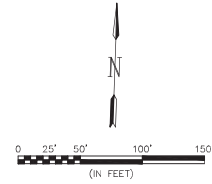
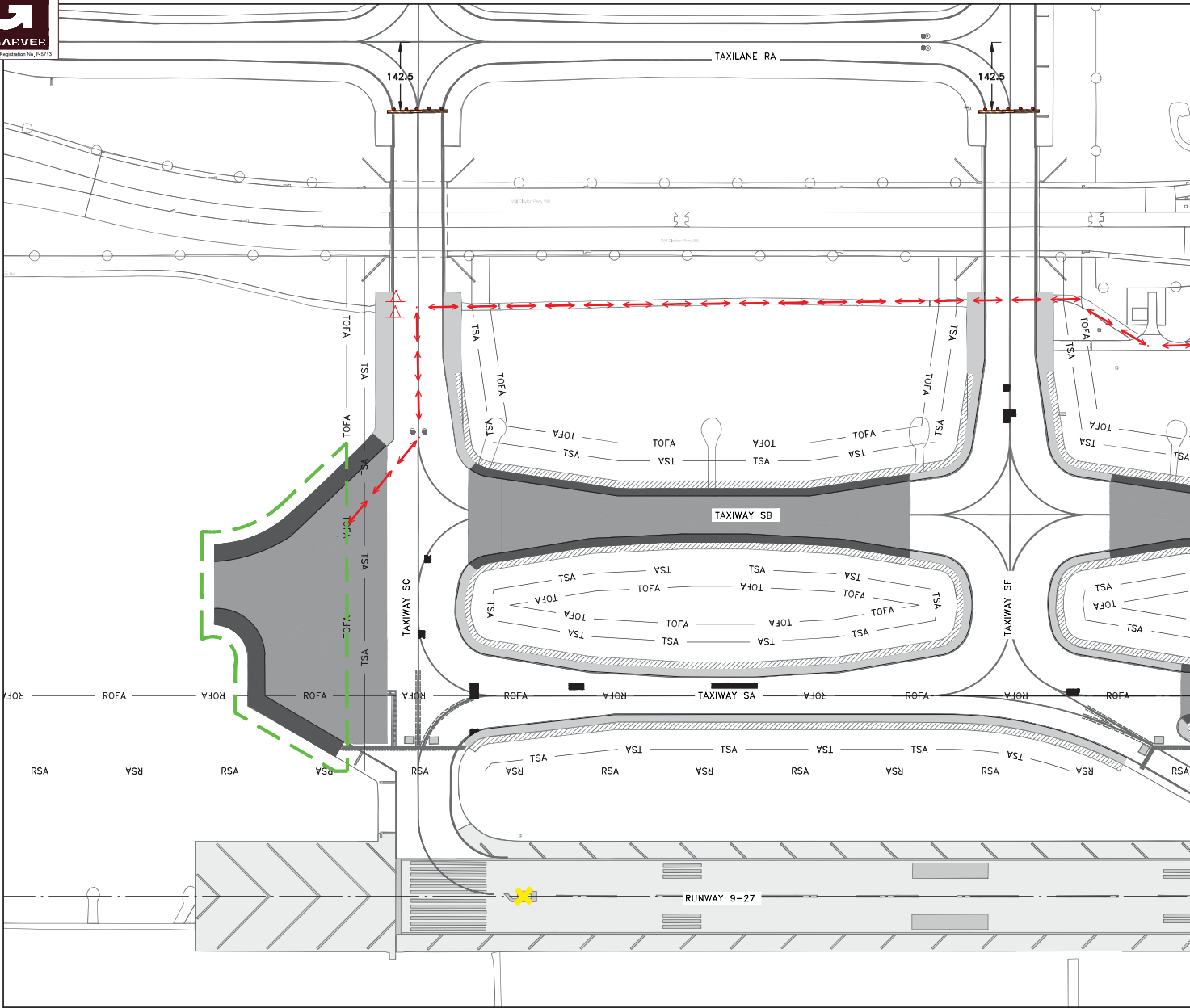
H.A.S. NO. 20C0646A

SHEET NO.

G02.05



EAH Registration No. H-0715



NOTES:

1. WORK HOURS SHALL BE THE NIGHTTIME WORK HOURS OF 10:00PM TO 6:00AM OR AS DIRECTED BY HAS AIRSIDE OPERATIONS AND THE HAS PROJECT MANAGER.
2. RUNWAY 9-27 AND ALL TAXIWAYS SOUTH OF TAXILANE RA SHALL BE CLOSED DURING NIGHTTIME WORK HOURS. CONTRACTOR SHALL REOPEN ALL PAVEMENT FOR NORMAL AIRCRAFT OPERATIONS AT THE COMPLETION OF EACH WORK PERIOD.
3. CONTRACTOR SHALL USE EXTREME CAUTION WHILE MOVING ON ACTIVE TAXIWAYS AND SHALL ONLY USE APPROVED HAUL ROUTES FOR TRANSPORTATION PURPOSES.
4. REQUIREMENTS TO REOPEN: THE PHASING AREA WILL REOPEN AFTER EACH WORK PERIOD IN ORDER TO SERVICE AIR TRAFFIC THROUGH THE DAY. ALL BARRICADES MUST BE REMOVED; ALL FOD MUST BE REMOVED; ALL DROP OFFS EXCEEDING 3 INCHES AND ALL GRADES IN EXCESS OF 5% MUST BE CORRECTED WITHIN SAFETY AREAS.
5. REFER TO G02.08 FOR BARRICADE AND LIGHTED RUNWAY CLOSURE SIGN POSITIONING DURING RUNWAY CLOSURE.
6. IN THE INTEREST OF EFFICIENCY, THE CONTRACTOR IS ALLOWED TO USE REFLECTIVE TRAFFIC CONES IN THE PLACE OF BARRICADES FOR NIGHTTIME CLOSURES.
7. A NOTAM MUST BE ISSUED FOR THE MISSING ILS MARKING UNTIL IT CAN BE REMARKED.
8. CONTRACTOR SHALL PLAN FOR A 2 HOUR CLEAN UP AFTER EACH WORK PERIOD IN ORDER TO ACCOMMODATE INSPECTION FROM IAH AIRPORT OPERATIONS AND ENSURE COMPLIANCE WITH FAA STANDARDS.

LEGEND

- PROPOSED ASPHALT SHOULDER MILL & OVERLAY
- PROPOSED CONCRETE SLAB RECONSTRUCTION
- PROPOSED FULL DEPTH ASPHALT SHOULDER WIDENING
- TSA TAXIWAY SAFETY AREA
- TOFA TAXIWAY OBJECT FREE AREA
- RSA RUNWAY SAFETY AREA
- ROFA RUNWAY OBJECT FREE AREA
- LOW-PROFILE BARRICADE
- PHASING WORK AREA
- HAUL ROUTE ON ACTIVE TAXIWAY
- HAUL ROUTE
- LIGHTED RUNWAY CLOSURE SIGN
- TRAFFIC CONES FOR HAUL ROUTE DELINEATION



Jacobs

JACOBS ENGINEERING GROUP INC.
3000 HOUSTON ROAD
HOUSTON, TEXAS 77072
813-321-1000
WWW.JACOBS.COM
TEXAS P.E. FIRM F-2848

REVISIONS

NO.	DESCRIPTION	DATE	BY

GEORGE BUSH INTERCONTINENTAL AIRPORT
 REHABILITATION OF TAXIWAYS SA & SB (PART A)
PHASING PLAN - PHASE 2

PROJECT MGR:	DT
DESIGNER:	TW
DRAWN BY:	DT
CHECK BY:	DT
SCALE:	1" = 100'
DATE:	01/23/2023

DANIEL C. TOMPKINS
TEXAS REGISTRATION
127450 FOR REVIEW
ONLY. DESIGN
DOCUMENTS DEPICTED
HERE IN ARE
INCOMPLETE AND MAY
NOT BE USED FOR
REGULATORY APPROVAL,
PERMIT OR
CONSTRUCTION DATE
(01/23/2023)

APPROVED BY: JEF

PROJECT NO. 0646A

ALP. NO. XXXX

C.I.P. NO. XXXX

H.A.S. NO. 20C0646A

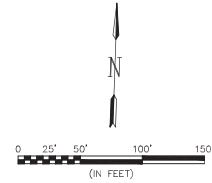
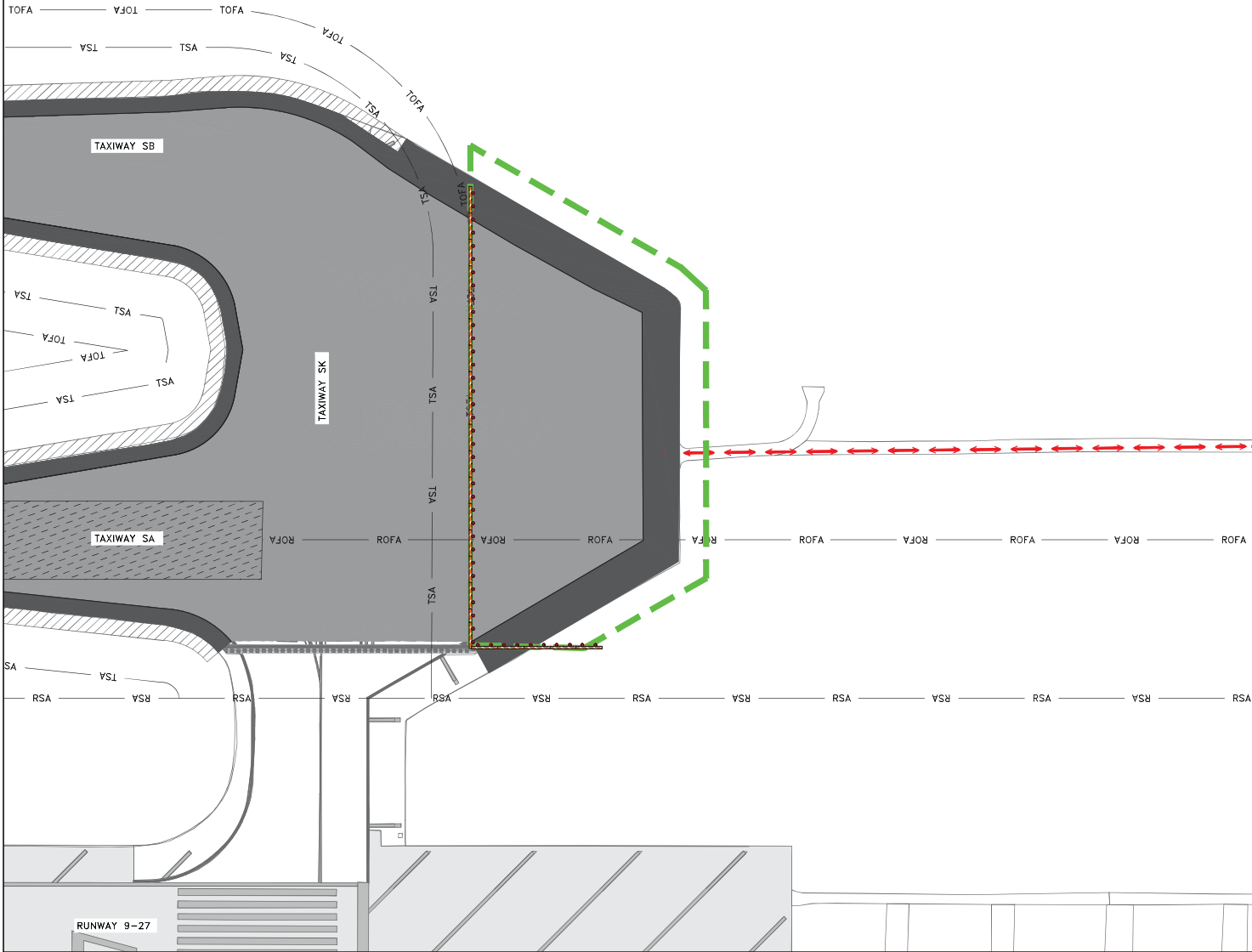
SHEET NO.

G02.06

HAS FILE: c:\Users\jagranado\OneDrive - garver\0646A\02 - CSPP\Sheet Files\0646002.dwg
 PLOT DATE: 3/10/2022 11:06:43 AM



1875 Registration No. H-0715



NOTES:

- 1. WORK HOURS SHALL BE THE NIGHTTIME WORK HOURS OF 10:00PM TO 6:00AM. WORK AREA SHALL REMAIN CLOSED 24/7.
2. TAXIWAYS SA, SB, AND SK SHALL REMAIN OPEN DURING PHASE 3.
3. CONTRACTOR SHALL USE EXTREME CAUTION WHILE MOVING ON ACTIVE TAXIWAYS AND SHALL ONLY USE APPROVED HAUL ROUTES FOR TRANSPORTATION PURPOSES.
4. PHASE 3 CONTAINS AN ILS CRITICAL AREA. CONTRACTOR SHALL HAVE A CONTINGENCY PLAN IN THE EVENT THE AIRPORT ENTERS ILS OPERATIONS. NO EQUIPMENT SHALL BE STORED IN THE PHASE AREA.
5. "CANDY CANE" MARKERS SHALL BE USED TO DELINEATE THE EXTENTS OF THE WORK AREA.

LEGEND

- PROPOSED ASPHALT SHOULDER MILL & OVERLAY
PROPOSED CONCRETE SLAB RECONSTRUCTION
PROPOSED FULL DEPTH ASPHALT SHOULDER WIDENING DEEPER ASPHALT MILL AND OVERLAY
TSA - TAXIWAY SAFETY AREA
TOFA - TAXIWAY OBJECT FREE AREA
RSA - RUNWAY SAFETY AREA
ROFA - RUNWAY OBJECT FREE AREA
LOW-PROFILE BARRICADE
PHASING WORK AREA
HAUL ROUTE



JACOBS ENGINEERING GROUP INC. 3000 HORIZONTAL ROAD HOUSTON, TEXAS 77078 281-432-3211 www.jacobs.com TEXAS P.E. FIRM F-2848

Table with columns: NO., DESCRIPTION, DATE, BY

GEORGE BUSH INTERCONTINENTAL AIRPORT REHABILITATION OF TAXIWAYS SA & SB (PART A) PHASING PLAN - PHASE 3

Table with columns: PROJECT MGR., DESIGNER, DRAWN BY, CHECK BY, SCALE, DATE

DANIEL C. TOMPKINS TEXAS REGISTRATION 127450 FOR REVIEW ONLY, DESIGN DOCUMENTS DEPICTED HERE IN ARE INCOMPLETE AND MAY NOT BE USED FOR REGULATORY APPROVAL, PERMIT OR CONSTRUCTION DATE (01/23/2023)

APPROVED BY: JEF

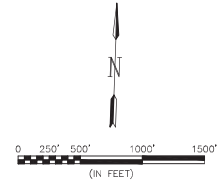
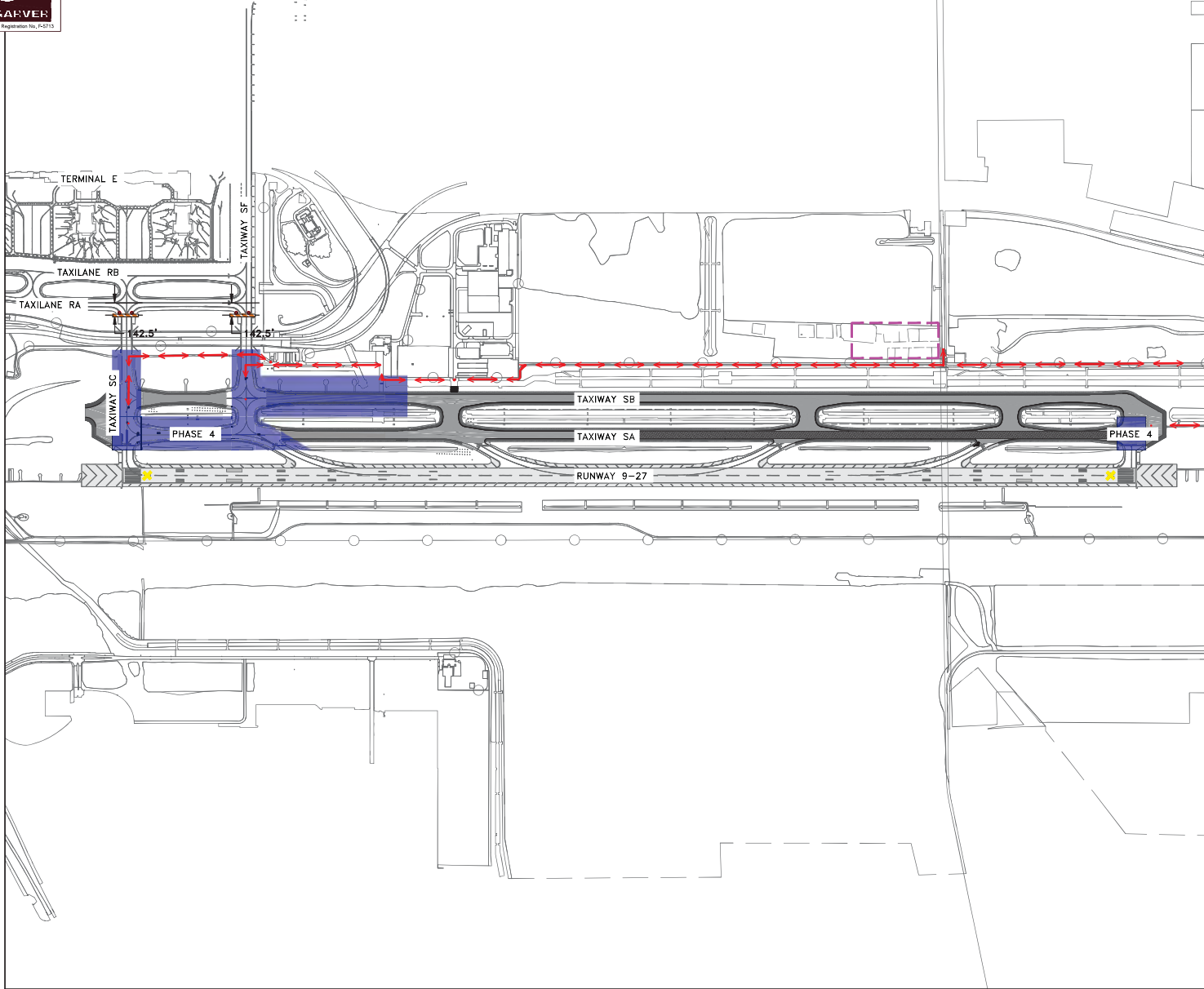
Table with columns: PROJECT NO., ALP. NO., C.I.P. NO., H.A.S. NO., SHEET NO.

G02.07

HAS FILE: c:\Users\jagranado\OneDrive - garver\06462\02 - CSPP\Sheet Files\0646022.07.dwg PLOT DATE: 3/10/2022 11:06:43 AM



1875 Registration No. F-0715



NOTES:

1. WORK ON PHASE 4 REQUIRES CLOSURE OF RUNWAY 9-27. WHEN THIS OCCURS, ALL PAVEMENT SOUTH OF TAXILANE RA SHALL CLOSE, AND BARRICADES SHALL BE PLACED OUTSIDE THE OBJECT FREE AREA OF TAXILANE RA INDICATING THE CLOSURE OF THE TAXIWAYS SC AND SF BRIDGES.

LEGEND

- PHASING WORK AREA
- CONSTRUCTION STAGING AREA
- HAUL ROUTE
- LOW PROFILE BARRICADES
- LIGHTED RUNWAY CLOSURE SIGN



JACOBS ENGINEERING GROUP INC.
8000 HORIZONTAL ROAD
HOUSTON, TEXAS 77072
91-432-3011-0000
WWW.JACOBS.COM
TEXAS P.E. FIRM F-2848

REVISIONS		
NO.	DESCRIPTION	DATE BY

GEORGE BUSH INTERCONTINENTAL AIRPORT
REHABILITATION OF TAXIWAYS SA & SB (PART A)
RUNWAY CLOSURE PLAN

PROJECT MGR:	DT
DESIGNER:	TM
DRAWN BY:	TM
CHECK BY:	DT
SCALE:	1"=500'
DATE:	01/23/2023

DANIEL C. TOMPKINS
TEXAS REGISTRATION
127450 FOR REVIEW
ONLY, DESIGN
DOCUMENTS DEPICTED
HERE IN ARE
INCOMPLETE AND MAY
NOT BE USED FOR
REGULATORY APPROVAL,
PERMIT OR
CONSTRUCTION DATE
(01/23/2023)

APPROVED BY: JEF

DIRECTOR
HOUSTON AIRPORT SYSTEM

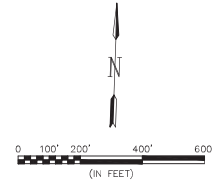
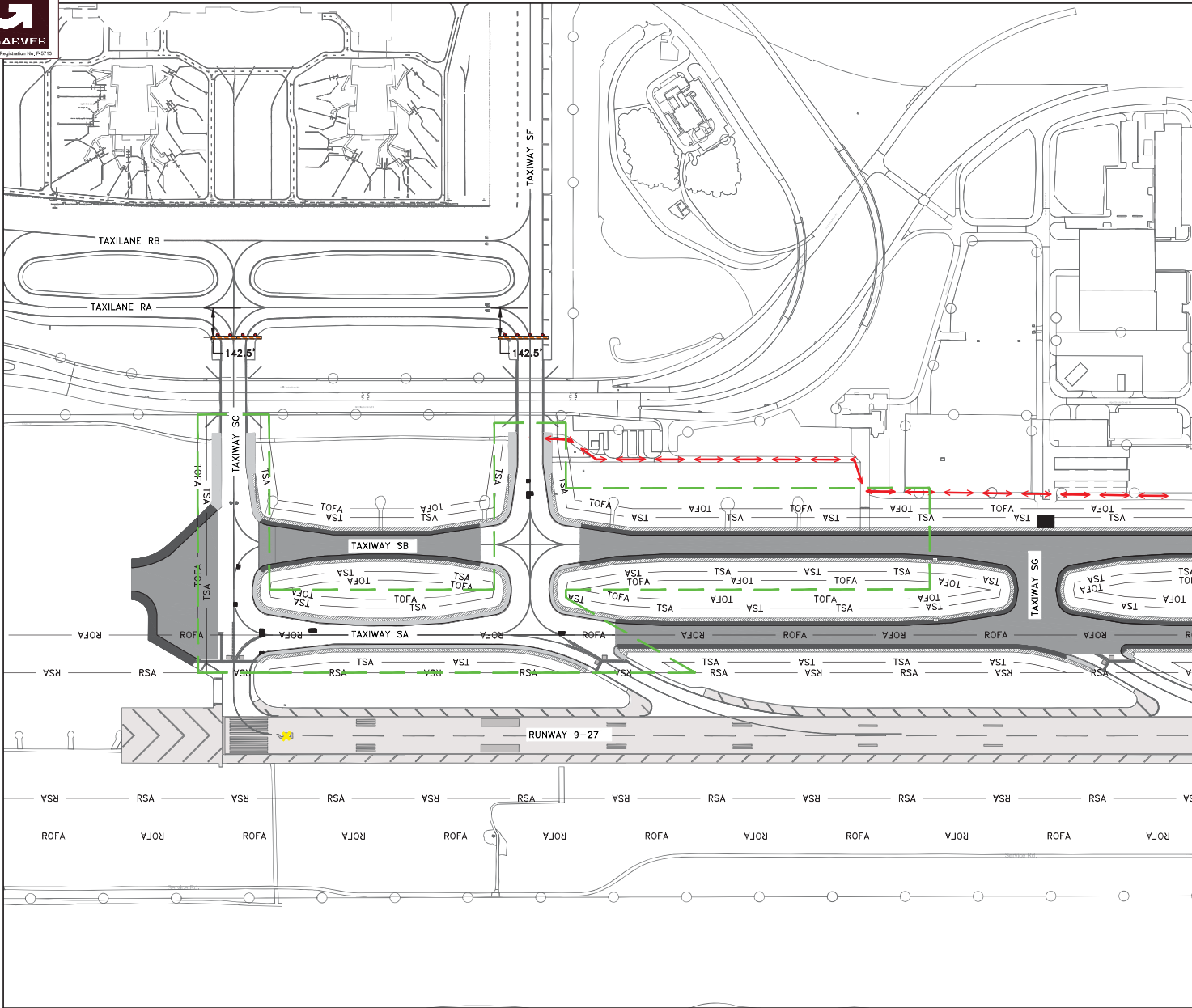
PROJECT NO.	0646A
A.L.P. NO.	XXXX
C.L.P. NO.	XXXX
H.A.S. NO.	20C0646A
SHEET NO.	

G02.08

HAS FILE: c:\Users\jagranato\OneDrive - garver\0646A\02 - CSPP\Sheet Files\0646002.08.rwg
PLOT DATE: 3/10/2022 11:06:43 AM



Garver Engineering Inc. P.E. Registration No. P-2015



NOTES:

1. WORK HOURS SHALL BE 24/7.
2. RUNWAY 9-27 AND ALL TAXIWAYS SOUTH OF TAXILANE RA SHALL BE CLOSED TO AIR TRAFFIC DURING THE DURATION OF THE PHASE. BARRICADES SHALL BE PLACED ON TAXIWAYS SF AND SC OUTSIDE OF THE TAXILANE RA OBJECT FREE AREA.
3. CONTRACTOR SHALL USE EXTREME CAUTION WHILE MOVING ON ACTIVE TAXIWAYS AND SHALL ONLY USE APPROVED HAUL ROUTES FOR TRANSPORTATION PURPOSES.

LEGEND

- PROPOSED ASPHALT SHOULDER MILL & OVERLAY
- PROPOSED CONCRETE SLAB RECONSTRUCTION
- PROPOSED FULL DEPTH ASPHALT SHOULDER WIDENING
- TSA - TAXIWAY SAFETY AREA
- TOFA - TAXIWAY OBJECT FREE AREA
- RSA - RUNWAY SAFETY AREA
- ROFA - RUNWAY OBJECT FREE AREA
- LOW-PROFILE BARRICADE
- PHASING WORK AREA
- HAUL ROUTE ON ACTIVE TAXIWAY
- HAUL ROUTE
- LIGHTED RUNWAY CLOSURE SIGN



JACOBS ENGINEERING GROUP INC. 2805 HOUSTON ROAD HOUSTON, TEXAS 77072 813-251-4500 WWW.JACOBS.COM TEXAS P.E. FIRM P-2848

NO.	REVISIONS DESCRIPTION	DATE	BY

GEORGE BUSH INTERCONTINENTAL AIRPORT REHABILITATION OF TAXIWAYS SA & SB (PART A) PHASING PLAN - PHASE 4

PROJECT MGR:	DT
DESIGNER:	TW
DRAWN BY:	TW
CHECK BY:	DT
SCALE:	1" = 200'
DATE:	01/23/2023

DANIEL C. TOMPKINS TEXAS REGISTRATION 127450 FOR REVIEW ONLY, DESIGN DOCUMENTS DEPICTED HERE IN ARE INCOMPLETE AND MAY NOT BE USED FOR REGULATORY APPROVAL, PERMIT OR CONSTRUCTION DATE (01/23/2023)

APPROVED BY: JEF

PROJECT NO.	0646A
ALP. NO.	XXXX
C.I.P. NO.	XXXX
H.A.S. NO.	20C0646A
SHEET NO.	

G02.09

HAS FILE: c:\Users\jagranado\OneDrive - garver\0646A\02 - CSPP\Sheet Files\0646002.dwg PLOT DATE: 3/10/2022 11:06:43 AM

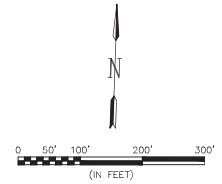


ISPS Registration No. F-0715



JACOBS

JACOBS ENGINEERING GROUP INC.
8800 HOUSTON ROAD
HOUSTON, TEXAS 77028
914-833-3011
WWW.JACOBS.COM
TEXAS P.E. FIRM F-2848

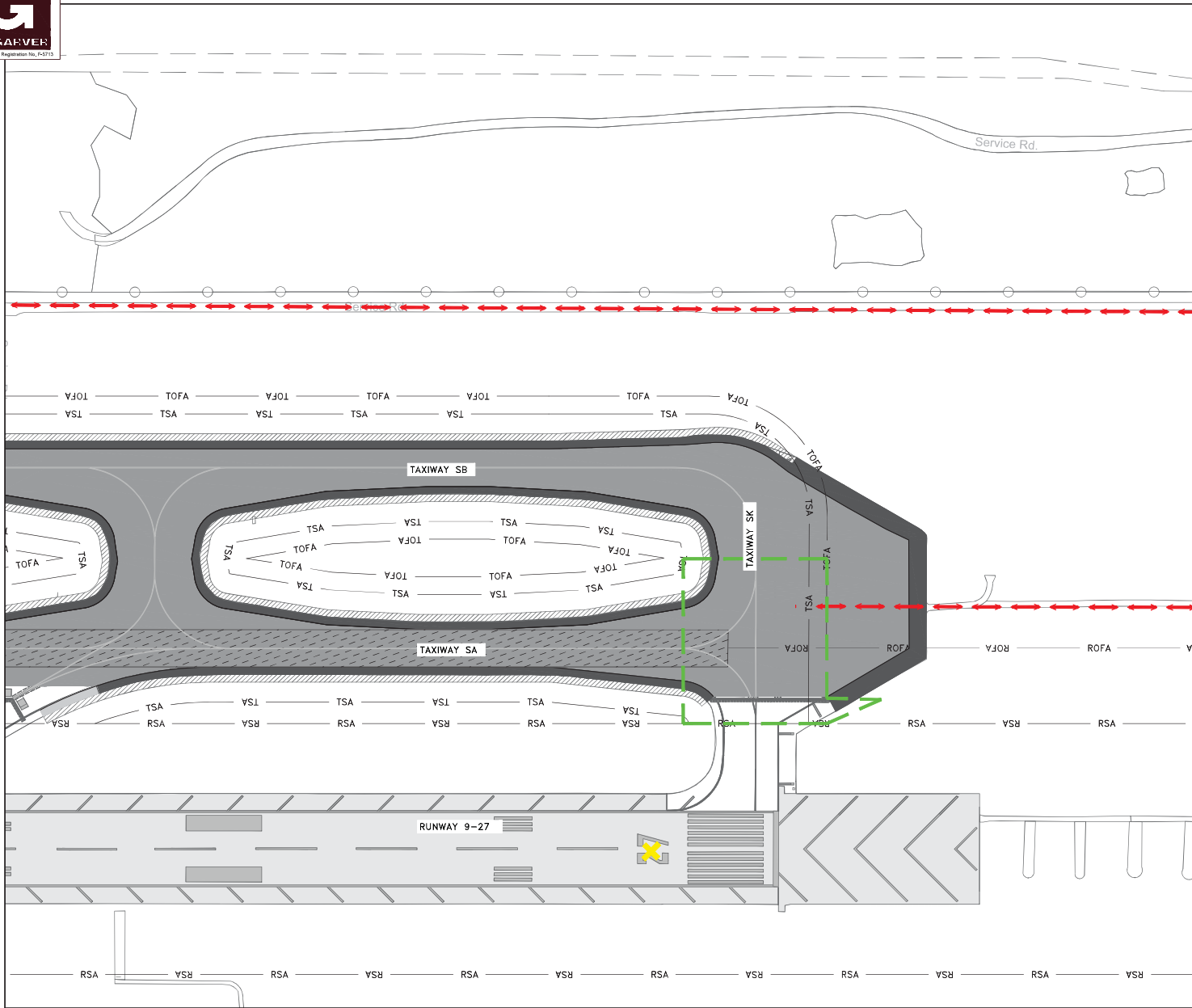


NOTES:

1. WORK HOURS SHALL BE 24/7.
2. RUNWAY 9-27 AND ALL TAXIWAYS SOUTH OF TAXILANE RA SHALL BE CLOSED TO AIR TRAFFIC DURING THE DURATION OF THE PHASE. BARRICADES SHALL BE PLACED ON TAXIWAYS SF AND SC OUTSIDE OF THE TAXILANAE RA OBJECT FREE AREA.
3. CONTRACTOR SHALL USE EXTREME CAUTION WHILE MOVING ON ACTIVE TAXIWAYS AND SHALL ONLY USE APPROVED HAUL ROUTES FOR TRANSPORTATION PURPOSES.

LEGEND

	PROPOSED ASPHALT SHOULDER MILL & OVERLAY
	PROPOSED CONCRETE SLAB RECONSTRUCTION
	PROPOSED FULL DEPTH ASPHALT SHOULDER WIDENING DEEPER ASPHALT MILL AND OVERLAY
	TSA - TAXIWAY SAFETY AREA
	TOFA - TAXIWAY OBJECT FREE AREA
	RSA - RUNWAY SAFETY AREA
	ROFA - RUNWAY OBJECT FREE AREA
	LOW-PROFILE BARRICADE
	PHASING WORK AREA
	HAUL ROUTE ON ACTIVE TAXIWAY
	HAUL ROUTE
	LIGHTED RUNWAY CLOSURE SIGN



NO.	REVISIONS	DESCRIPTION	DATE	BY

GEORGE BUSH INTERCONTINENTAL AIRPORT
REHABILITATION OF TAXIWAYS SA & SB (PART A)
PHASING PLAN - PHASE 4

PROJECT MGR:	DT
DESIGNER:	TW
DRAWN BY:	DT
CHECK BY:	DT
SCALE:	1" = 100'
DATE:	01/23/2023

DANIEL C. TOMPKINS
TEXAS REGISTRATION
127450 FOR REVIEW
ONLY, DESIGN
DOCUMENTS DEPICTED
HERE IN ARE
INCOMPLETE AND MAY
NOT BE USED FOR
REGULATORY APPROVAL,
PERMIT OR
CONSTRUCTION DATE
(01/23/2023)

APPROVED BY: JEF

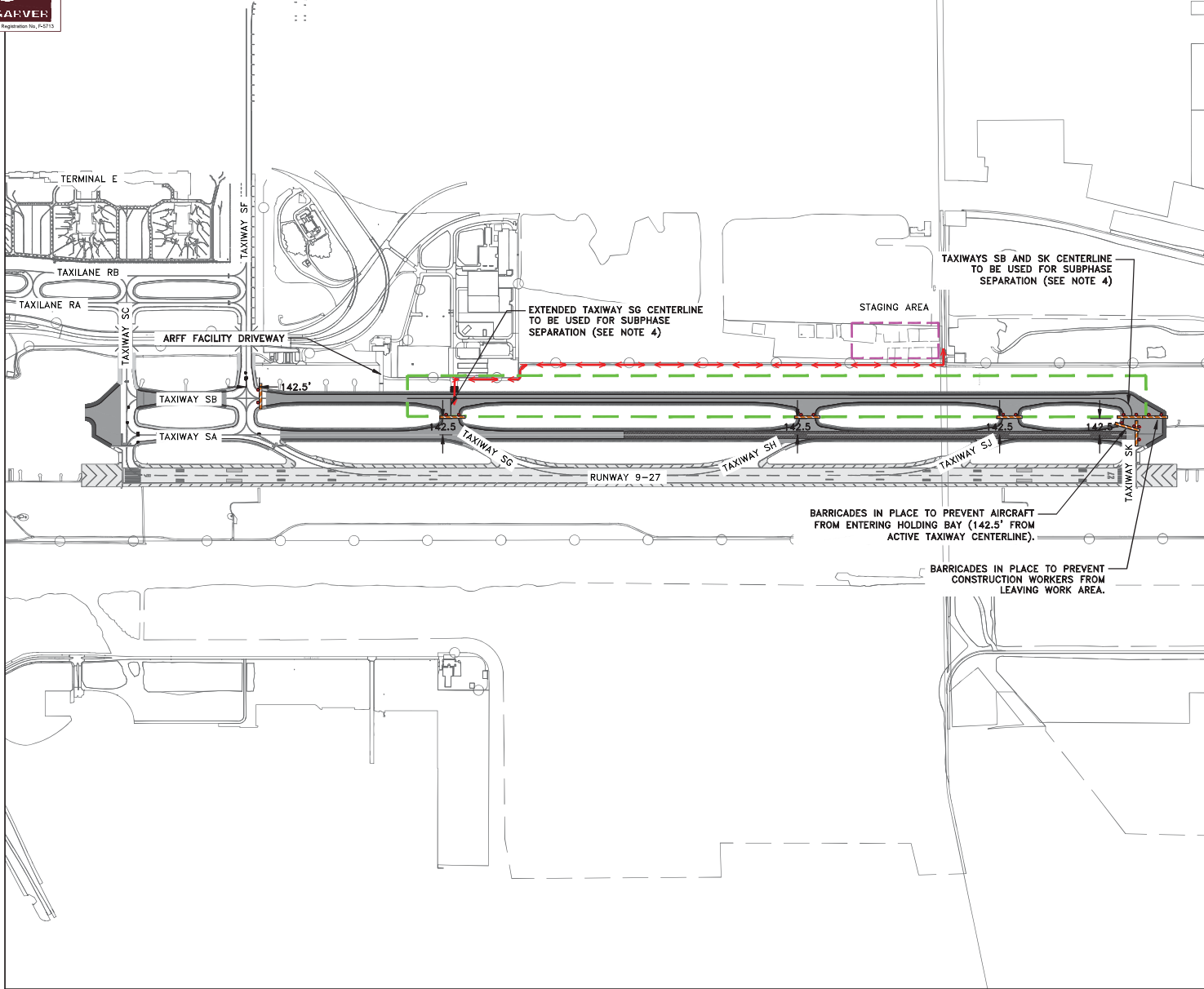
DIRECTOR
HOUSTON AIRPORT SYSTEM

PROJECT NO.	0646A
ALP. NO.	XXXX
C.I.P. NO.	XXXX
H.A.S. NO.	20C0646A
SHEET NO.	

G02.10



1875 Registration No. H-0715



NOTES:

1. WORK HOURS SHALL BE 24/7.
2. CLOSURES: TAXIWAY SB SHALL BE CLOSED EAST OF TAXIWAY SF. TAXIWAYS SG, SH, SJ AND SK SHALL BE CLOSED NORTH OF TAXIWAY SA.
3. CONTRACTOR SHALL USE EXTREME CAUTION WHILE MOVING ON ACTIVE TAXIWAYS AND SHALL ONLY USE APPROVED HAUL ROUTES FOR TRANSPORTATION PURPOSES.
4. AIRPORT RESCUE AND FIRE FIGHTING (ARFF) REQUIRES 24/7 ACCESS TO RUNWAY 9-27 BY WAY OF TAXIWAY SG AND TAXIWAYS SB AND SK. CONTRACTOR MUST ENSURE THAT AN 18' WIDE LANE IS ALWAYS OPEN ON TAXIWAY SG AND TAXIWAYS SB AND SK. TO ACCOMPLISH THIS, THE PHASE SHALL BE DIVIDED INTO 3 SUBPHASES. SUBPHASE 1 SHALL INCLUDE THE WORK NORTH AND EAST OF THE TAXIWAYS SB AND SK CENTERLINE. SUBPHASE 2 SHALL INCLUDE THE WORK SOUTH OF TAXIWAY SB CENTERLINE AND WEST OF TAXIWAY SG CENTERLINE. SUBPHASE 3 SHALL INCLUDE THE WORK EAST OF TAXIWAY SB CENTERLINE AND SOUTH AND WEST OF TAXIWAYS SB AND SK CENTERLINE.
5. "CANDY CANE" MARKERS SHALL BE USED TO DELINEATE THE EXTENTS OF THE WORK AREA.

LEGEND

	PROPOSED ASPHALT SHOULDER MILL & OVERLAY
	PROPOSED CONCRETE SLAB RECONSTRUCTION
	PROPOSED FULL DEPTH ASPHALT SHOULDER WIDENING
- TSA -	TAXIWAY SAFETY AREA
- TOFA -	TAXIWAY OBJECT FREE AREA
- RSA -	RUNWAY SAFETY AREA
- ROFA -	RUNWAY OBJECT FREE AREA
	LOW-PROFILE BARRICADE
	PHASING WORK AREA
	HAUL ROUTE ON ACTIVE TAXIWAY
	HAUL ROUTE
	STAGING AREA

PHASE IMPACTS

TAXIWAY SB	CLOSED EAST OF TAXIWAY SF
TAXIWAY SG, SH, SJ, SK	CLOSED NORTH OF TAXIWAY SA



JACOBS ENGINEERING GROUP INC.
8000 HORNBURG ROAD
HOUSTON, TEXAS 77072
91-432-3511-0000
WWW.JACOBS.COM
TEXAS P.E. FIRM F-2848

REVISIONS			
NO.	DESCRIPTION	DATE	BY

GEORGE BUSH INTERCONTINENTAL AIRPORT
 REHABILITATION OF TAXIWAYS SA & SB (PART A)
PHASING PLAN - PHASE 5

PROJECT MGR:	DT
DESIGNER:	TW
DRAWN BY:	TM
CHECK BY:	DT
SCALE:	1"=500'
DATE:	01/23/2023

DANIEL C. TOMPKINS
TEXAS REGISTRATION
127450 FOR REVIEW
ONLY, DESIGN
DOCUMENTS DEPICTED
HERE IN ARE
INCOMPLETE AND MAY
NOT BE USED FOR
REGULATORY APPROVAL,
PERMIT OR
CONSTRUCTION DATE
(01/23/2023)

APPROVED BY: JEF

DIRECTOR
HOUSTON AIRPORT SYSTEM

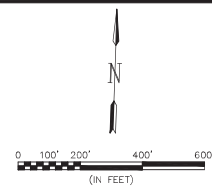
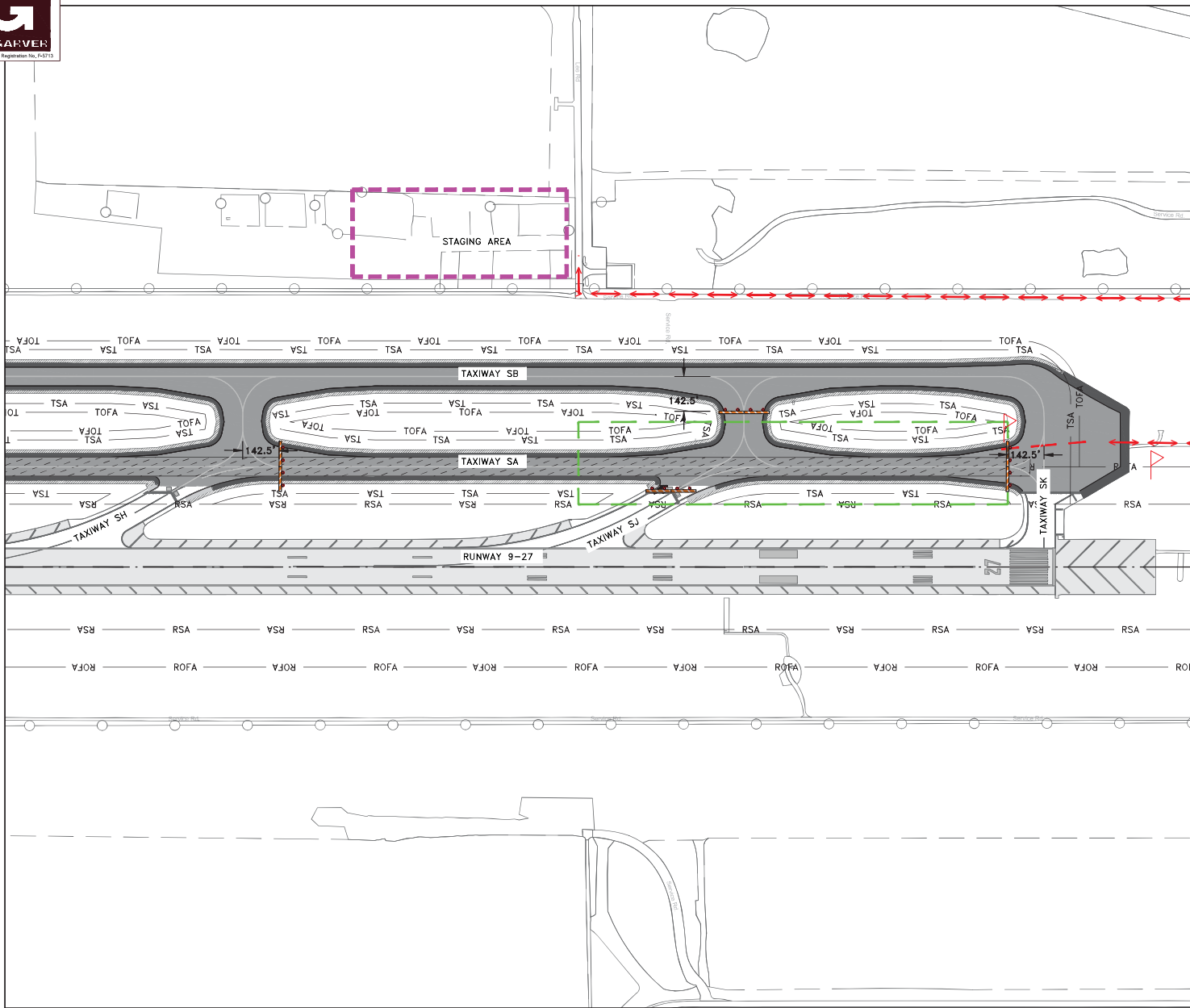
PROJECT NO.	0646A
A.L.P. NO.	XXXX
C.L.P. NO.	XXXX
H.A.S. NO.	20C0646A
SHEET NO.	

G02.11

HAS FILE: c:\Users\jagranado\OneDrive - garver\0646A\2\02 - CSPP\Sheet Files\0646002.11.dwg
 PLOT DATE: 3/10/2022 11:06:43 AM



1893 Registration No. F-0715



- NOTES:**
1. WORK HOURS SHALL BE 24/7.
 2. CLOSURES: TAXIWAY SA SHALL BE CLOSED BETWEEN TAXIWAYS SH AND SK. TAXIWAY SJ SHALL BE CLOSED.
 3. CONTRACTOR SHALL USE EXTREME CAUTION WHILE MOVING ON ACTIVE TAXIWAYS AND SHALL ONLY USE APPROVED HAUL ROUTES FOR TRANSPORTATION PURPOSES.
 4. "CANDY CANE" MARKERS SHALL BE USED TO DELINEATE THE EXTENTS OF THE WORK AREA.
 5. CONTRACTOR SHALL REPAIR ANY DAMAGED TO PAVEMENT CAUSED BY CONSTRUCTION OR HAULING ACTIVITY.

LEGEND

- PROPOSED ASPHALT SHOULDER MILL & OVERLAY
- PROPOSED CONCRETE SLAB RECONSTRUCTION
- PROPOSED FULL DEPTH ASPHALT SHOULDER WIDENING
- DEEPER ASPHALT MILL AND OVERLAY
- TSA - TAXIWAY SAFETY AREA
- TOFA - TAXIWAY OBJECT FREE AREA
- RSA - RUNWAY SAFETY AREA
- ROFA - RUNWAY OBJECT FREE AREA
- LOW-PROFILE BARRICADE
- PHASING WORK AREA
- HAUL ROUTE ON ACTIVE TAXIWAY
- HAUL ROUTE
- STAGING AREA
- FLAGGER

PHASE IMPACTS

TAXIWAY SB	CLOSED BETWEEN TAXIWAY SH AND TAXIWAY SK
TAXIWAY SJ	CLOSED



JACOBS ENGINEERING GROUP INC. 8800 HORNBACH ROAD HOUSTON, TEXAS 77072 91-432-3511-0000 WWW.JACOBS.COM TEXAS P.E. FIRM F-2848

REVISIONS

NO.	DESCRIPTION	DATE	BY

GEORGE BUSH INTERCONTINENTAL AIRPORT REHABILITATION OF TAXIWAYS SA & SB (PART A) PHASING PLAN - PHASE 6

PROJECT MOR: DT
DESIGNER: TM
DRAWN BY: TM
CHECK BY: DT
SCALE: 1" = 200'
DATE: 01/23/2023

DANIEL C. TOMPKINS TEXAS REGISTRATION 127450 FOR REVIEW ONLY. DESIGN DOCUMENTS DEPICTED HERE IN ARE INCOMPLETE AND MAY NOT BE USED FOR REGULATORY APPROVAL, PERMIT OR CONSTRUCTION DATE (01/23/2023)

APPROVED BY: JEF

DIRECTOR: HOUSTON AIRPORT SYSTEM

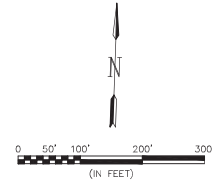
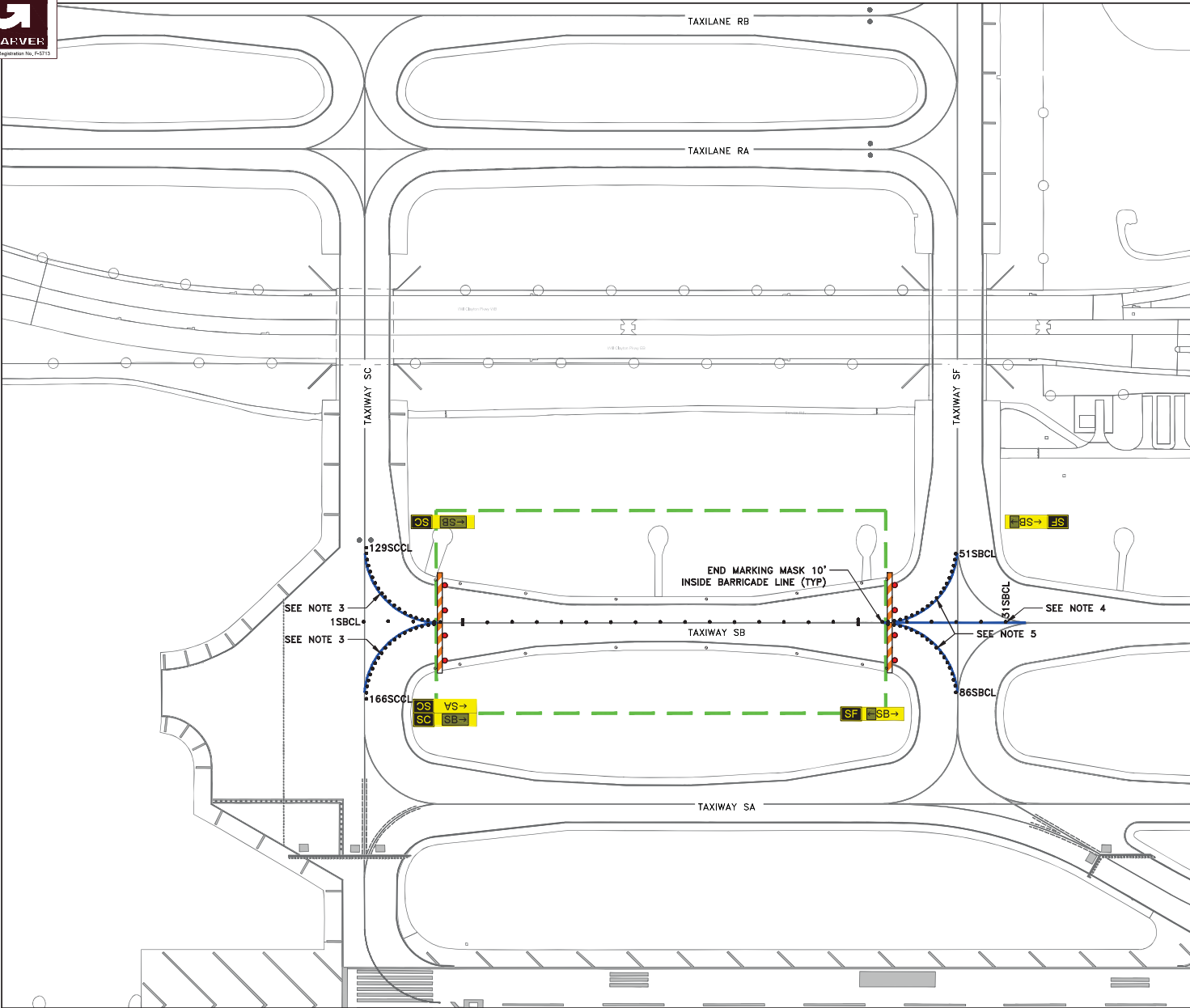
PROJECT NO.: 0646A
ALP. NO.: XXXX
C.I.P. NO.: XXXX
H.A.S. NO.: 20C0646A
SHEET NO.:

G02.12

I:\AS FILE: c:\Users\jagranado\OneDrive - garver\0646A\02 - CSPP\Sheet Files\0646002.L2.dwg PLOT DATE: 3/10/2022 11:06:43 AM



1898 Registration No. H-0715



NOTES:

- FOR GENERAL AIRFIELD ELECTRICAL PHASING NOTES, SEE SHEET 002.02.
- ALL CENTERLINES IDENTIFIED TO BE MASKED SHALL BE COVERED WITH NON-RETROREFLECTIVE BLACK PAINT. ALL MARKINGS TO BE MASKED SHALL BE SURVEYED AND PLACED BACK AT THE ORIGINAL LOCATION AT THE END OF THE PHASE, UNLESS NOTED OTHERWISE.
- DISCONNECT TAXIWAY SC CENTERLINE LIGHTS AND TRANSFORMERS 129SCCL THROUGH 166SCCL. RECONNECT CABLES IN BASE CAN TO MAINTAIN CIRCUIT INTEGRITY AND REINSTALL CENTERLINE LIGHTS.
- DISCONNECT TAXIWAY SB CENTERLINE LIGHT 31SBCL AND BYPASS REMAINING CIRCUIT TO THE WEST IN BASE CAN 31SBCL. MAINTAIN CIRCUIT INTEGRITY TO THE EAST.
- DISCONNECT TAXIWAY SB CENTERLINE LIGHTS AND TRANSFORMERS 51SBCL THROUGH 86SBCL. RECONNECT CABLES IN BASE CAN TO MAINTAIN CIRCUIT INTEGRITY AND REINSTALL CENTERLINE LIGHTS.

LEGEND

- PHASING WORK AREA
- LOW-PROFILE BARRICADE
- MASK TAXIWAY CENTERLINE MARKING (SEE NOTE 2)
- EXISTING TAXIWAY CENTERLINE LIGHT (SEE NOTES)
- COVER TAXIWAY EDGE LIGHTS WITH PVC MASK
- COVER GUIDANCE SIGN INFORMATION AS INDICATED WITH HEAVY BLACK PLASTIC SIGN COVER



Jacobs

JACOBS ENGINEERING GROUP INC.
8000 HOUSTON ROAD
HOUSTON, TEXAS 77072
813-321-1000
WWW.JACOBS.COM
TEXAS P.E. FIRM F-2848

REVISIONS

NO.	DESCRIPTION	DATE	BY

GEORGE BUSH INTERCONTINENTAL AIRPORT
 REHABILITATION OF TAXIWAYS SA & SB (PART A)
TEMPORARY MARKING, SIGNAGE AND LIGHTING PLAN - PHASE 1

PROJECT MGR:	DT
DESIGNER:	TW
DRAWN BY:	DT
CHECK BY:	DT
SCALE:	1" = 100'
DATE:	01/23/2023

DANIEL C. TOMPKINS
TEXAS REGISTRATION
127450 FOR REVIEW
ONLY. DESIGN
DOCUMENTS DEPICTED
HERE IN ARE
INCOMPLETE AND MAY
NOT BE USED FOR
REGULATORY APPROVAL,
PERMIT OR
CONSTRUCTION DATE
(01/23/2023)

APPROVED BY: JEF

PROJECT NO. 0646A

A.L.P. NO. XXXX

C.I.P. NO. XXXX

H.A.S. NO. 20C0646A

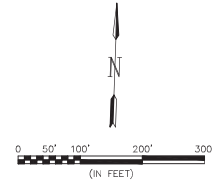
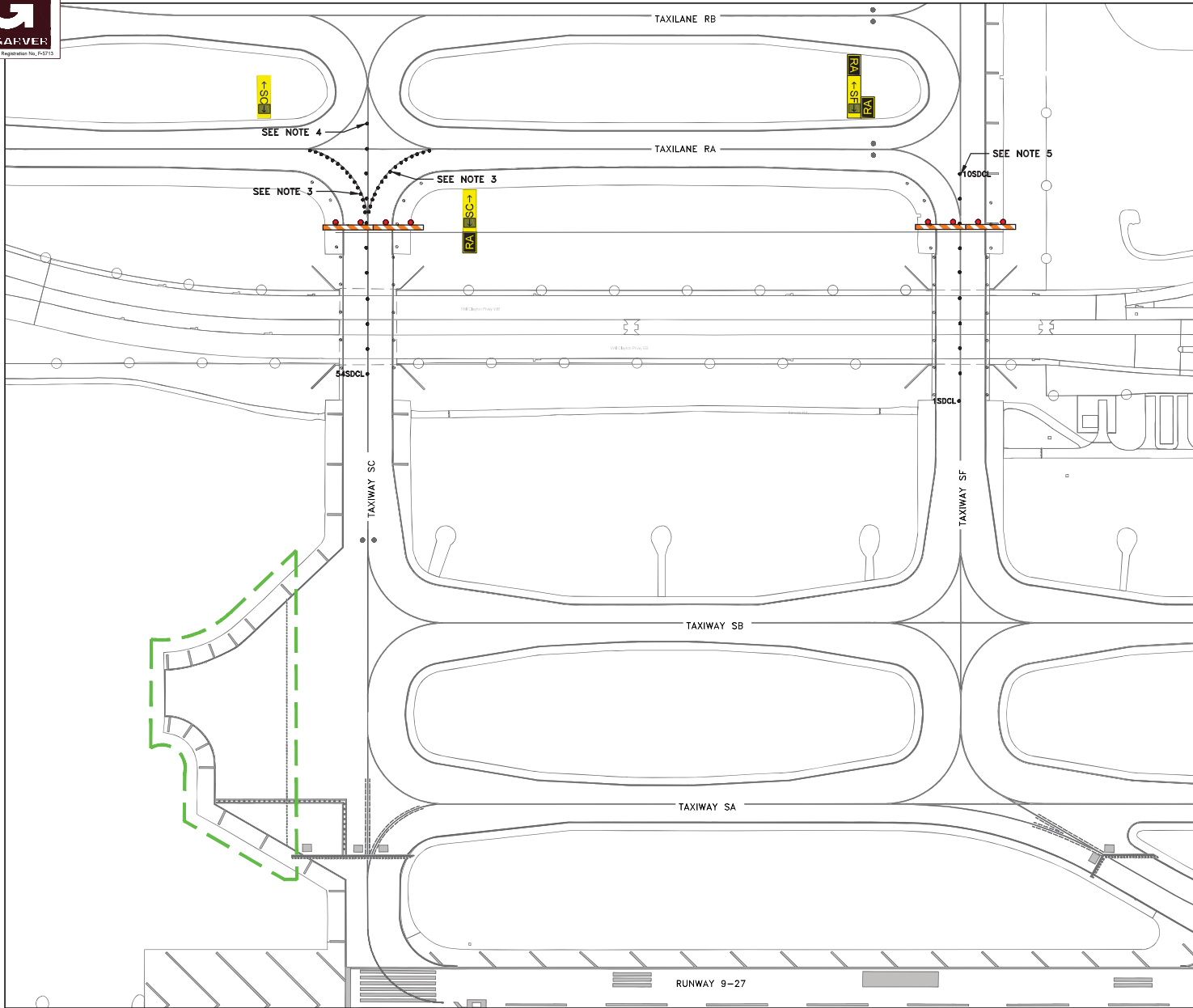
SHEET NO.

G03.01

HAS FILE: c:\Users\jagranato\OneDrive - garver\0646A\02 - CSPP\Sheet Files\0646003.01.dwg
 PLOT DATE: 3/10/2022 11:06:43 AM



1891 Registration No. H-0713



NOTES:

- FOR GENERAL AIRFIELD ELECTRICAL PHASING NOTES, SEE SHEET G02.02.
- CONTRACTOR SHALL LOCK-OUT/TAG-OUT THE FOLLOWING CIRCUITS IN THE SOUTH VAULT EACH NIGHT PRIOR TO STARTING WORK: GUARD LT, SA, SB, SC, SK, SACL, SBCL, SCCL, SFG, SHJ, SFGHJ, 9-27, 9-27 CL, 9-27 TDZ, 9-27 SIGN WEST, AND 9-27 SIGN EAST. EACH MORNING BY 6:00AM THE CIRCUITS SHALL BE OPERATIONAL. SIGN AND TAXIWAY EDGE LIGHT COVERS REMOVED.
- DISCONNECT TAXIWAY SC CENTERLINE LIGHTS AND TRANSFORMERS IN THIS AREA - CIRCUIT SD. RECONNECT CABLES IN BASE CAN TO MAINTAIN CIRCUIT INTEGRITY AND REINSTALL CENTERLINE LIGHTS.
- DISCONNECT INDICATED TAXIWAY SC CENTERLINE LIGHT AND BYPASS REMAINING CIRCUIT TO THE SOUTH IN INDICATED BASE CAN. MAINTAIN CIRCUIT INTEGRITY TO THE NORTH AND ALONG TAXIWAYS RA/RB.
- DISCONNECT TAXIWAY SF CENTERLINE LIGHT 10SDCL AND BYPASS REMAINING CIRCUIT TO THE SOUTH IN BASE CAN 10SDCL. MAINTAIN CIRCUIT INTEGRITY TO THE NORTH.
- SIGN COVERS SHALL BE REMOVED, TAXIWAY CENTERLINE LIGHTS SHALL BE REPOWERED, AND TAXIWAY EDGE LIGHT MASKS SHALL BE REMOVED AFTER EACH WORK PERIOD TO ACCOMMODATE TAXIWAYS REOPENING.

LEGEND

- PHASING WORK AREA
- LOW-PROFILE BARRICADE
- EXISTING TAXIWAY CENTERLINE LIGHT (SEE NOTES)
- COVER TAXIWAY EDGE LIGHTS WITH PVC MASK
- COVER GUIDANCE SIGN INFORMATION AS INDICATED WITH HEAVY BLACK PLASTIC SIGN COVER



Jacobs

JACOBS ENGINEERING GROUP INC.
3909 HORIZONTAL ROAD
HOUSTON, TEXAS 77072
91-432-3511-4000
WWW.JACOBS.COM
TEXAS P.E. FIRM F-2848

REVISIONS

NO.	DESCRIPTION	DATE	BY

GEORGE BUSH INTERCONTINENTAL AIRPORT
 REHABILITATION OF TAXIWAYS SA & SB (PART A)
**TEMPORARY MARKING, SIGNAGE AND
 LIGHTING PLAN - PHASE 2**

PROJECT MGR:	DT
DESIGNER:	TM
DRAWN BY:	DT
CHECK BY:	DT
SCALE:	1" = 100'
DATE:	01/23/2023

DANIEL C. TOMPKINS
TEXAS REGISTRATION
127450 FOR REVIEW
ONLY. DESIGN
DOCUMENTS DEPICTED
HERE IN ARE
INCOMPLETE AND MAY
NOT BE USED FOR
REGULATORY APPROVAL,
PERMIT OR
CONSTRUCTION DATE
(01/23/2023)

APPROVED BY: JEF

DIRECTOR
HOUSTON AIRPORT SYSTEM

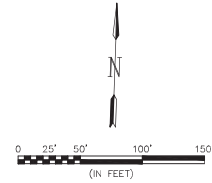
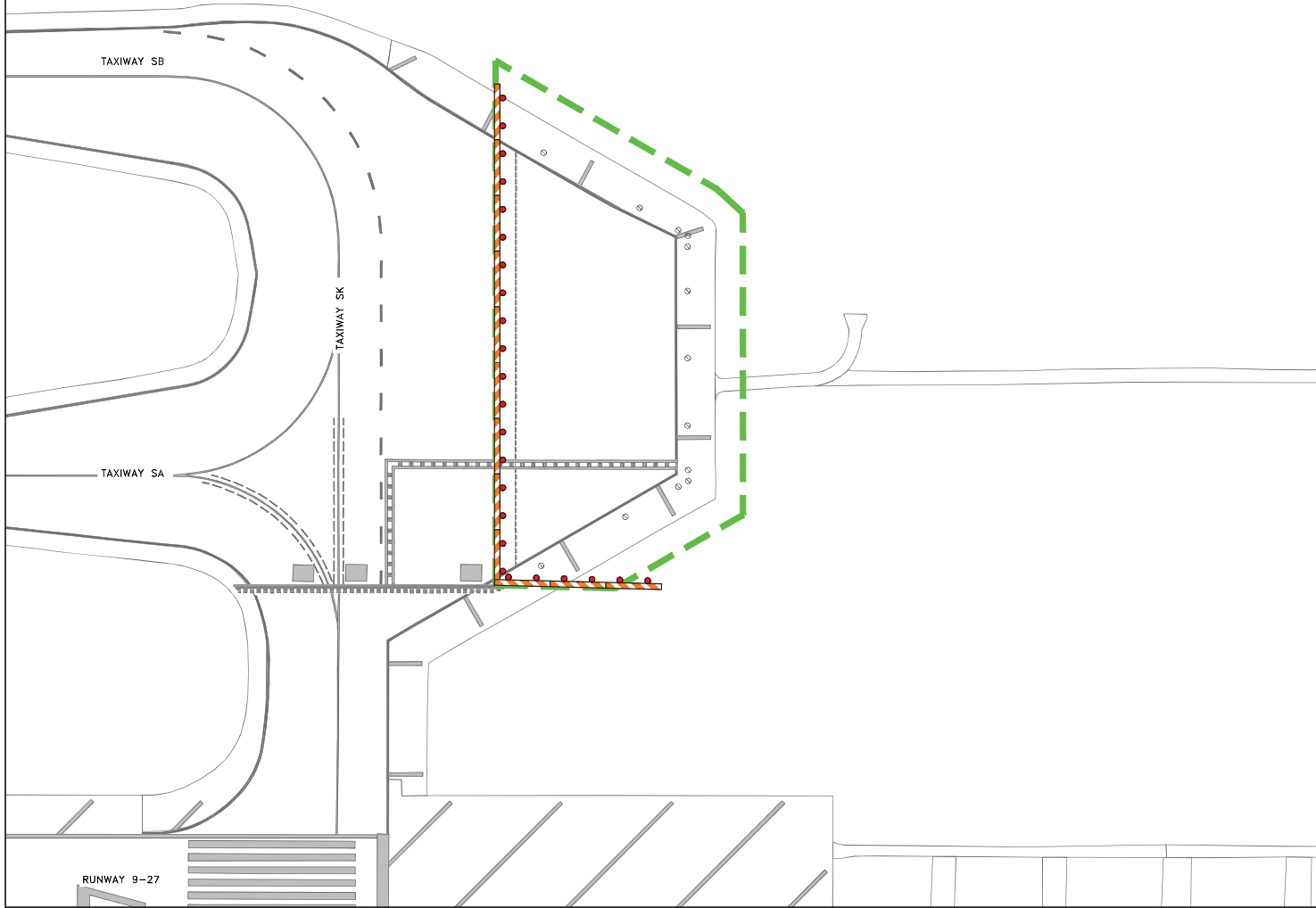
PROJECT NO.	0646A
ALP. NO.	XXXX
C.I.P. NO.	XXXX
H.A.S. NO.	20C0646A
SHEET NO.	G03.02

G03.02

I:\AS FILE: c:\Users\jagranato\OneDrive - garver\0646A\02 - CSPP\Sheet Files\0646003.02.dwg
 PLOT DATE: 3/10/2022 11:06:43 AM



1875 Registration No. F-0715



NOTES:

1. FOR GENERAL AIRFIELD ELECTRICAL PHASING NOTES, SEE SHEET G02.03.
2. EACH MORNING BY 6:00AM THE TAXIWAY EDGE LIGHT COVERS SHALL BE REMOVED, UNLESS NOTED OTHERWISE.

LEGEND	
	PHASING WORK AREA
	LOW-PROFILE BARRICADE
	COVER TAXIWAY EDGE LIGHTS WITH PVC MASK



Jacobs

JACOBS ENGINEERING GROUP INC.
8000 HORIZONTAL ROAD
HOUSTON, TEXAS 77072
91-832-3011-0000
WWW.JACOBS.COM
TEXAS P.E. FIRM F-2848

REVISIONS
NO. DESCRIPTION DATE BY

NO.	DESCRIPTION	DATE	BY

GEORGE BUSH INTERCONTINENTAL AIRPORT
REHABILITATION OF TAXIWAYS SA & SB (PART A)
TEMPORARY MARKING, SIGNAGE AND
LIGHTING PLAN - PHASE 3

PROJECT MGR:	DT
DESIGNER:	TM
DRAWN BY:	DT
CHECK BY:	DT
SCALE:	1" = 50'
DATE:	01/23/2023

DANIEL C. TOMPKINS
TEXAS REGISTRATION
127450 FOR REVIEW
ONLY, DESIGN
DOCUMENTS DEPICTED
HERE IN ARE
INCOMPLETE AND MAY
NOT BE USED FOR
REGULATORY APPROVAL,
PERMIT OR
CONSTRUCTION DATE
(01/23/2023)

APPROVED BY: JEF

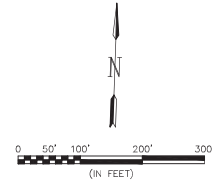
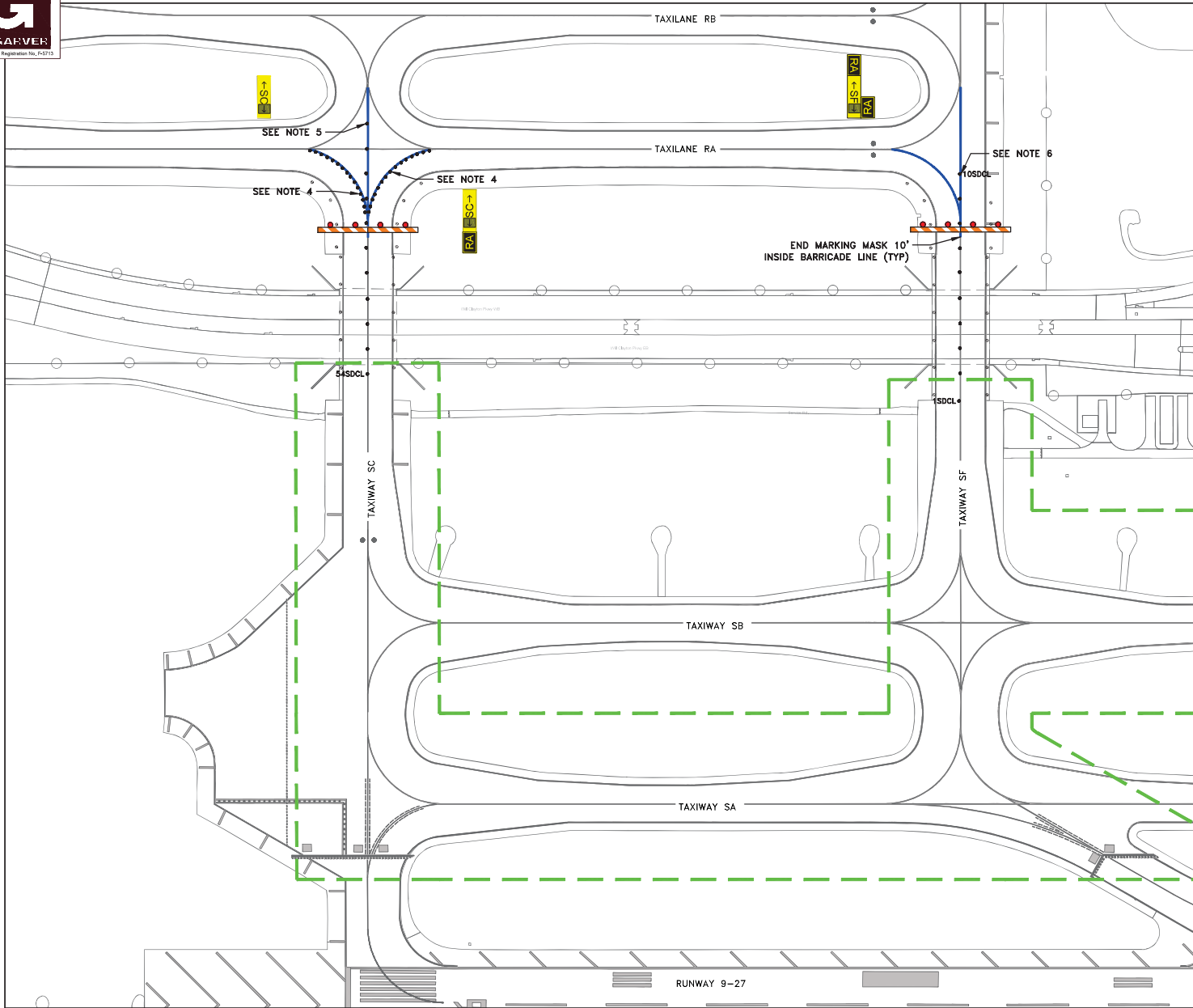
DIRECTOR
HOUSTON AIRPORT SYSTEM

PROJECT NO.	0646A
A.L.P. NO.	XXXX
C.L.P. NO.	XXXX
H.A.S. NO.	20C0646A
SHEET NO.	

G03.03



100% Registration No. H-0715



NOTES:

- FOR GENERAL AIRFIELD ELECTRICAL PHASING NOTES, SEE SHEET 002.02.
- ALL CENTERLINES IDENTIFIED TO BE MASKED SHALL BE COVERED WITH NON-RETROREFLECTIVE BLACK PAINT. ALL MARKINGS TO BE MASKED SHALL BE SURVEYED AND PLACED BACK AT THE ORIGINAL LOCATION AT THE END OF THE PHASE, UNLESS NOTED OTHERWISE.
- CONTRACTOR SHALL LOCK-OUT/TAG-OUT THE FOLLOWING CIRCUITS IN THE SOUTH VAULT: GUARD LT, SA, SB, SC, SK, SACL, SBCL, SCCL, SFG, SHJ, SFGHJ, 9-27, 9-27 CL, 9-27 TDZ, 9-27 SIGN WEST, AND 9-27 SIGN EAST. AT THE COMPLETION OF PHASES 4, 7, OR 11 THE CIRCUITS SHALL BE RE-ENERGIZED.
- DISCONNECT TAXIWAY SC CENTERLINE LIGHTS AND TRANSFORMERS IN THIS AREA - CIRCUIT SD. RECONNECT CABLES IN BASE CAN TO MAINTAIN CIRCUIT INTEGRITY AND REINSTALL CENTERLINE LIGHTS.
- DISCONNECT INDICATED TAXIWAY SC CENTERLINE LIGHT AND BYPASS REMAINING CIRCUIT TO THE SOUTH IN INDICATED BASE CAN. MAINTAIN CIRCUIT INTEGRITY TO THE NORTH AND ALONG TAXIWAYS RA/RB.
- DISCONNECT TAXIWAY SF CENTERLINE LIGHT 10SDCL AND BYPASS REMAINING CIRCUIT TO THE SOUTH IN BASE CAN 10SDCL. MAINTAIN CIRCUIT INTEGRITY TO THE NORTH.

LEGEND

- PHASING WORK AREA
- LOW-PROFILE BARRICADE
- MASK TAXIWAY CENTERLINE MARKING (SEE NOTE 2)
- EXISTING TAXIWAY CENTERLINE LIGHT (SEE NOTES)
- COVER TAXIWAY EDGE LIGHTS WITH PVC MASK
- COVER GUIDANCE SIGN INFORMATION AS INDICATED WITH HEAVY BLACK PLASTIC SIGN COVER



Jacobs

JACOBS ENGINEERING GROUP INC.
3909 HOUSTON ROAD
HOUSTON, TEXAS 77072
917-832-3211
WWW.JACOBS.COM
TEXAS P.E. FIRM F-2848

REVISIONS		
NO.	DESCRIPTION	DATE BY

GEORGE BUSH INTERCONTINENTAL AIRPORT
 REHABILITATION OF TAXIWAYS SA & SB (PART A)
TEMPORARY MARKING, SIGNAGE AND LIGHTING PLAN - PHASE 4

PROJECT MGR:	DT
DESIGNER:	TW
DRAWN BY:	DT
CHECK BY:	DT
SCALE:	1" = 100'
DATE:	01/23/2023

DANIEL C. TOMPKINS
TEXAS REGISTRATION
127450 FOR REVIEW
ONLY. DESIGN
DOCUMENTS DERIVED
HEREIN ARE
INCOMPLETE AND MAY
NOT BE USED FOR
REGULATORY APPROVAL,
PERMIT OR
CONSTRUCTION DATE
(01/23/2023)

APPROVED BY: JEF

HOUSTON AIRPORT SYSTEM

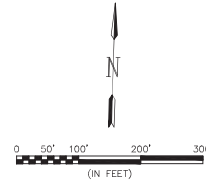
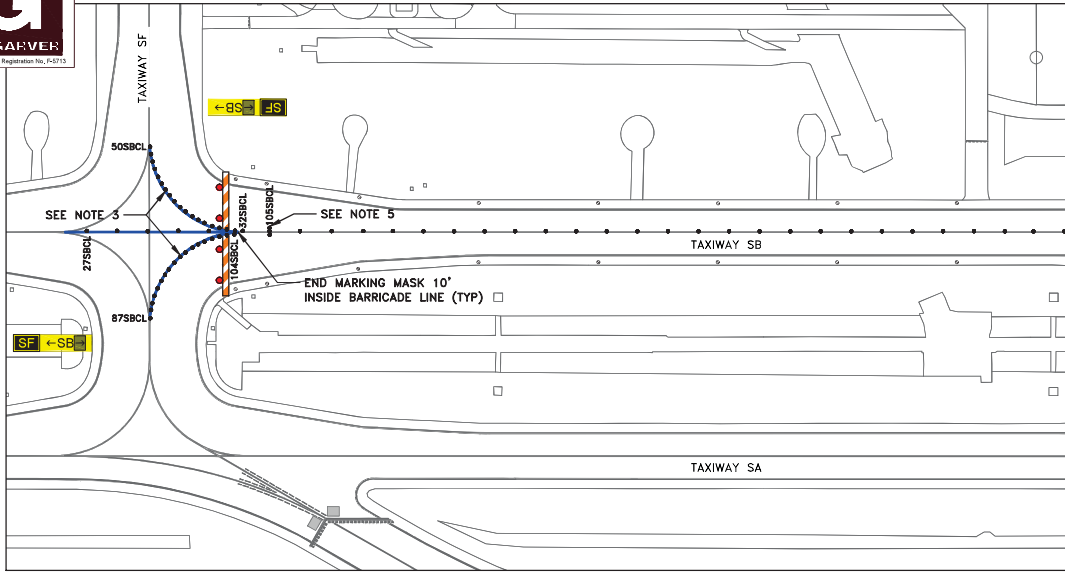
PROJECT NO.	0646A
ALP. NO.	XXXX
C.I.P. NO.	XXXX
H.A.S. NO.	20C0646A
SHEET NO.	

G03.04

HAS FILE: c:\Users\jagranado\OneDrive - garver\0646A\02 - CSPP\Sheet Files\0646003.04.dwg
 PLOT DATE: 3/10/2022 11:06:43 AM



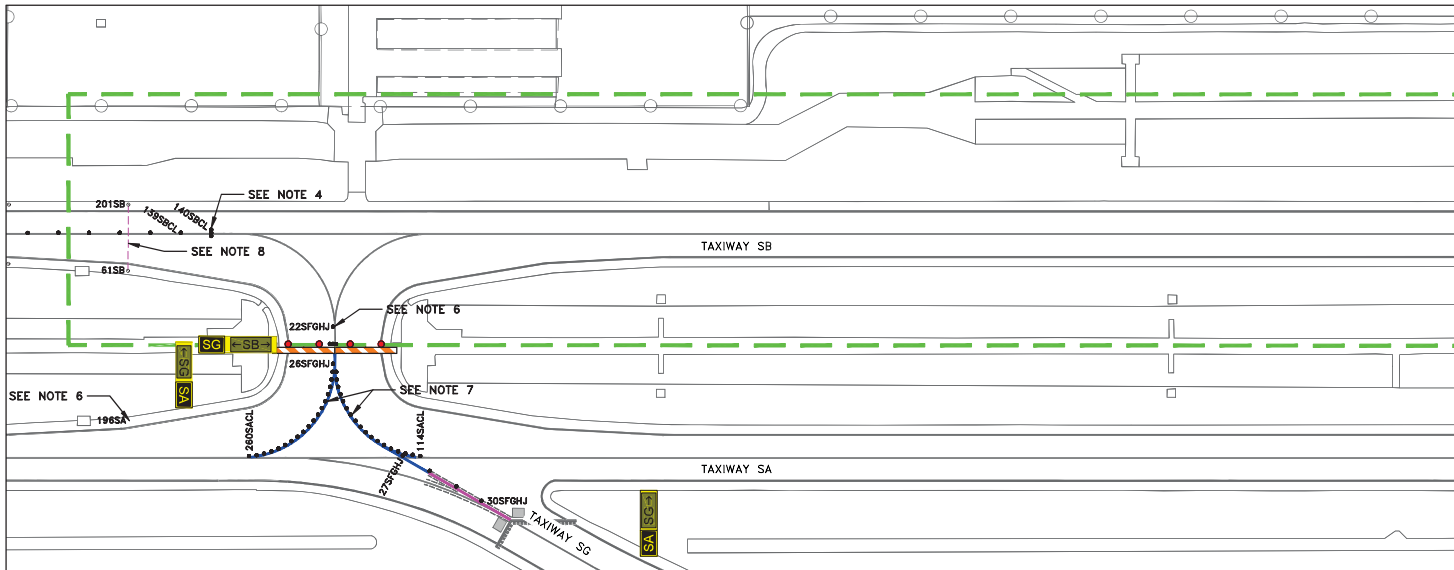
1993 Registration No. H-0713



LEGEND	
	PHASING WORK AREA
	LOW-PROFILE BARRICADE
	MASK TAXIWAY CENTERLINE MARKING (SEE NOTE 2)
	MASK ENHANCED TAXIWAY CENTERLINE MARKING
	PAINTED TAXIWAY CLOSURE MARKING
	EXISTING TAXIWAY CENTERLINE LIGHT (SEE NOTES)
	COVER TAXIWAY EDGE LIGHTS WITH PVC MASK
	COVER GUIDANCE SIGN INFORMATION AS INDICATED WITH HEAVY BLACK PLASTIC SIGN COVER
	TEMPORARY CABLING

NOTES:

- FOR GENERAL AIRFIELD ELECTRICAL PHASING NOTES, SEE SHEET G02.02.
- ALL CENTERLINES IDENTIFIED TO BE MASKED SHALL BE COVERED WITH NON-RETROREFLECTIVE BLACK PAINT. ALL MARKINGS TO BE MASKED OR REMOVED SHALL BE SURVEYED AND PLACED BACK AT THE ORIGINAL LOCATION AT THE END OF THE PHASE, UNLESS NOTED OTHERWISE.
- DISCONNECT TAXIWAY SB CENTERLINE LIGHTS AND TRANSFORMERS 32SBCL THROUGH 50SBCL AND 87SBCL THROUGH 104SBCL. RECONNECT CABLES IN BASE CAN TO MAINTAIN CIRCUIT INTEGRITY AND REINSTALL CENTERLINE LIGHTS.
- DISCONNECT TAXIWAY SB CENTERLINE LIGHT 140SBCL AND BYPASS REMAINING CIRCUIT TO THE EAST IN BASE CAN 140SBCL. MAINTAIN CIRCUIT INTEGRITY TO THE WEST.
- DISCONNECT SB CENTERLINE LIGHTS AND TRANSFORMERS 27SBCL THROUGH 32SBCL AND 105SBCL THROUGH 139SBCL. RECONNECT CABLES IN BASE CAN TO MAINTAIN CIRCUIT INTEGRITY AND REINSTALL CENTERLINE LIGHTS.
- BYPASS TAXIWAY SFG CENTERLINE LIGHTS ALONG TAXIWAYS SG, SH, AND SJ AT TAXIWAY EDGE LIGHT 196SA (22SFG THROUGH 48SFG). MAINTAIN CIRCUIT INTEGRITY ALONG TAXIWAY SF.
- DISCONNECT TAXIWAY SA CENTERLINE LIGHTS AND TRANSFORMERS 114SACL THROUGH 260SACL. RECONNECT CABLES IN BASE CAN TO MAINTAIN CIRCUIT INTEGRITY AND REINSTALL CENTERLINE LIGHTS.
- FURNISH AND INSTALL 1-SB L-824 CABLES BETWEEN 201SB AND 61SB TO BYPASS TAXIWAY SB EDGE CIRCUIT TO THE EAST.



JACOBS ENGINEERING GROUP INC. 2800 HOUSTON ROAD HOUSTON, TEXAS 77028 813-822-3511-4000 WWW.JACOBS.COM TEXAS P.E. FIRM F-2848

REVISIONS

NO.	DESCRIPTION	DATE	BY

GEORGE BUSH INTERCONTINENTAL AIRPORT
REHABILITATION OF TAXIWAYS SA & SB (PART A)
TEMPORARY MARKING, SIGNAGE AND
LIGHTING PLAN - PHASE 5

PROJECT MOR:	DT
DESIGNER:	TM
DRAWN BY:	DT
CHECK BY:	DT
SCALE:	#####
DATE:	01/23/2023

DANIEL C. TOMPKINS
TEXAS REGISTRATION
127450 FOR REVIEW
ONLY. DESIGN
DOCUMENTS DEPICTED
HERE IN ARE
INCOMPLETE AND MAY
NOT BE USED FOR
REGULATORY APPROVAL,
PERMIT OR
CONSTRUCTION DATE
(01/23/2023)

APPROVED BY: JEF

DIRECTOR
HOUSTON AIRPORT SYSTEM

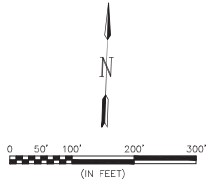
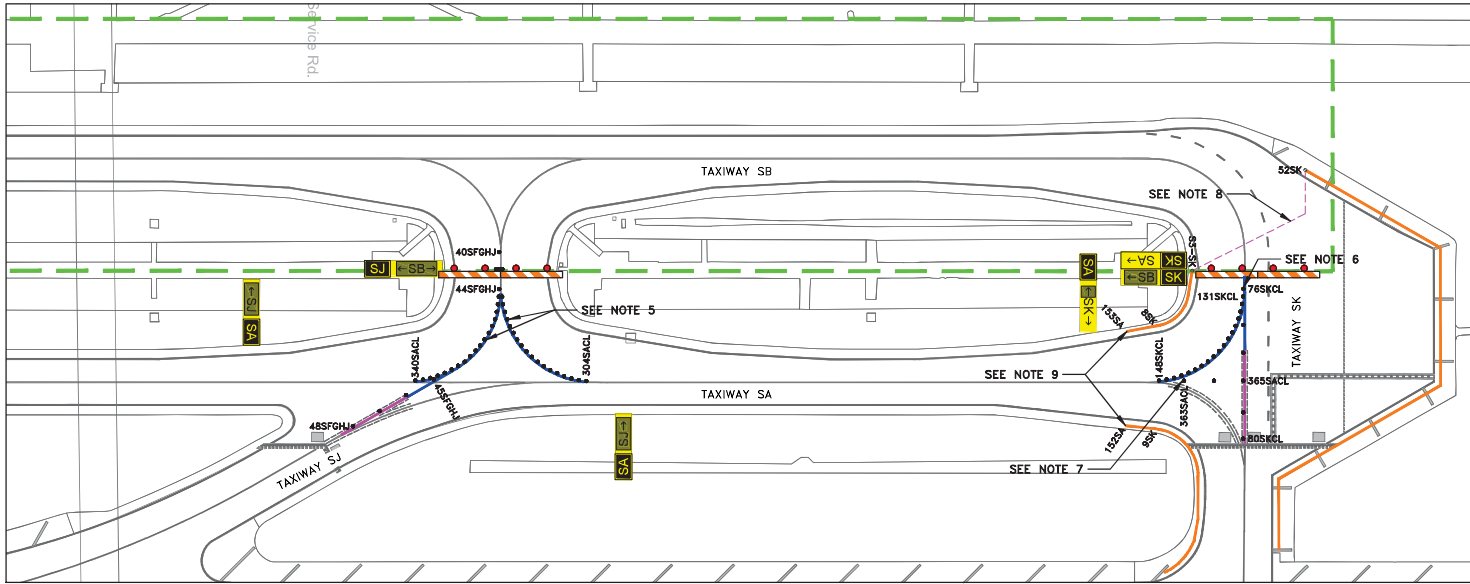
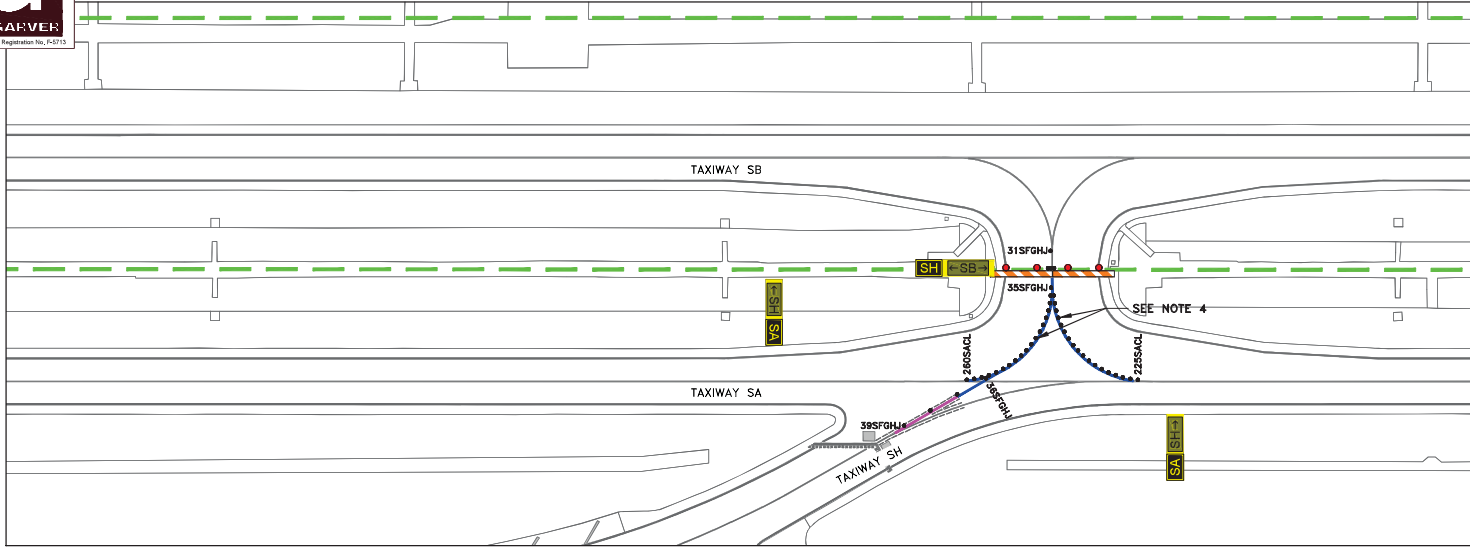
PROJECT NO.	0646A
A.L.P. NO.	XXXX
C.L.P. NO.	XXXX
H.A.S. NO.	20C0646A
SHEET NO.	

G03.05

HAS FILE: c:\Users\jagranado\OneDrive - garver\0646A\02 - CSPP\Sheet Files\064603.05.rvt
PLOT DATE: 3/10/2022 11:06:43 AM



1891 Registration No. H-0715



- NOTES:**
- FOR GENERAL AIRFIELD ELECTRICAL PHASING NOTES, SEE SHEET G02.02.
 - FOR MARKING AND ELECTRICAL PHASING LEGEND, SEE SHEET G03.03A.
 - ALL CENTERLINES IDENTIFIED TO BE MASKED SHALL BE COVERED WITH NON-RETROREFLECTIVE BLACK PAINT. ALL MARKINGS TO BE MASKED OR REMOVED SHALL BE SURVEYED AND PLACED BACK AT THE ORIGINAL LOCATION AT THE END OF THE PHASE, UNLESS NOTED OTHERWISE.
 - DISCONNECT TAXIWAY SA CENTERLINE LIGHTS AND TRANSFORMERS 225SACL THROUGH 260SACL. RECONNECT CABLES IN BASE CAN TO MAINTAIN CIRCUIT INTEGRITY AND REINSTALL CENTERLINE LIGHTS.
 - DISCONNECT TAXIWAY SA CENTERLINE LIGHTS AND TRANSFORMERS 304SACL THROUGH 340SACL. RECONNECT CABLES IN BASE CAN TO MAINTAIN CIRCUIT INTEGRITY AND REINSTALL CENTERLINE LIGHTS.
 - DISCONNECT TAXIWAY SK CENTERLINE LIGHTS AND TRANSFORMERS 765KCL THROUGH 805KCL AND 131SKL THROUGH 148SKL. RECONNECT CABLES IN BASE CAN TO MAINTAIN CIRCUIT INTEGRITY AND REINSTALL CENTERLINE LIGHTS.
 - DISCONNECT TAXIWAY SA CENTERLINE LIGHT 365SACL AND BYPASS REMAINING CIRCUIT TO THE EAST IN BASE CAN 365SACL. MAINTAIN CIRCUIT INTEGRITY TO THE WEST.
 - FURNISH AND INSTALL 1-SA L-824 CABLES BETWEEN 1235A TO 1635A TO BYPASS TAXIWAY SA EDGE CIRCUIT TO THE WEST. THIS WILL COMPLETE THE MODIFIED SA CIRCUIT ILLUMINATING TAXIWAY SK BETWEEN RUNWAY 27 AND TAXIWAY SB. SEE NOTE 10.
 - CONNECT 1535A TO 85K AND 1525A TO 95K TO EXTEND CIRCUIT SB TO THE WEST TO LIGHTS 1635A AND 1235A. THIS WILL ILLUMINATE TAXIWAY SK BETWEEN RUNWAY 27 AND TAXIWAY SB. INDICATED BY: —



JACOBS ENGINEERING GROUP INC.
3905 HORIZONTAL ROAD
HOUSTON, TEXAS 77072
91-832-3011-0000
WWW.JACOBS.COM
TEXAS P.E. FIRM F-2848

NO.	REVISIONS	DESCRIPTION	DATE	BY

TEMPORARY MARKING, SIGNAGE AND LIGHTING PLAN - PHASE 5

GEORGE BUSH INTERCONTINENTAL AIRPORT
REHABILITATION OF TAXIWAYS SA & SB (PART A)

PROJECT MGR:	DT
DESIGNER:	TW
DRAWN BY:	TF
CHECK BY:	TF
SCALE:	#####
DATE:	01/23/2023

DANIEL C. TOMPKINS
TEXAS REGISTRATION
127450 FOR REVIEW
ONLY. DESIGN
DOCUMENTS DEPICTED
HERE IN ARE
INCOMPLETE AND MAY
NOT BE USED FOR
REGULATORY APPROVAL,
PERMIT OR
CONSTRUCTION DATE
(01/23/2023)

APPROVED BY: JEF

DIRECTOR
HOUSTON AIRPORT SYSTEM

PROJECT NO.	0646A
ALP. NO.	XXXX
C.I.P. NO.	XXXX
H.A.S. NO.	20C0646A
SHEET NO.	G03.06

G03.06

H:\AS FILE: c:\Users\jagranato\OneDrive - garver\0646A\02 - CSPP\Sheet Files\0646003.05.dwg
PLOT DATE: 3/10/2022 11:06:43 AM

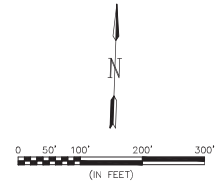


1898 Registration No. H-0715



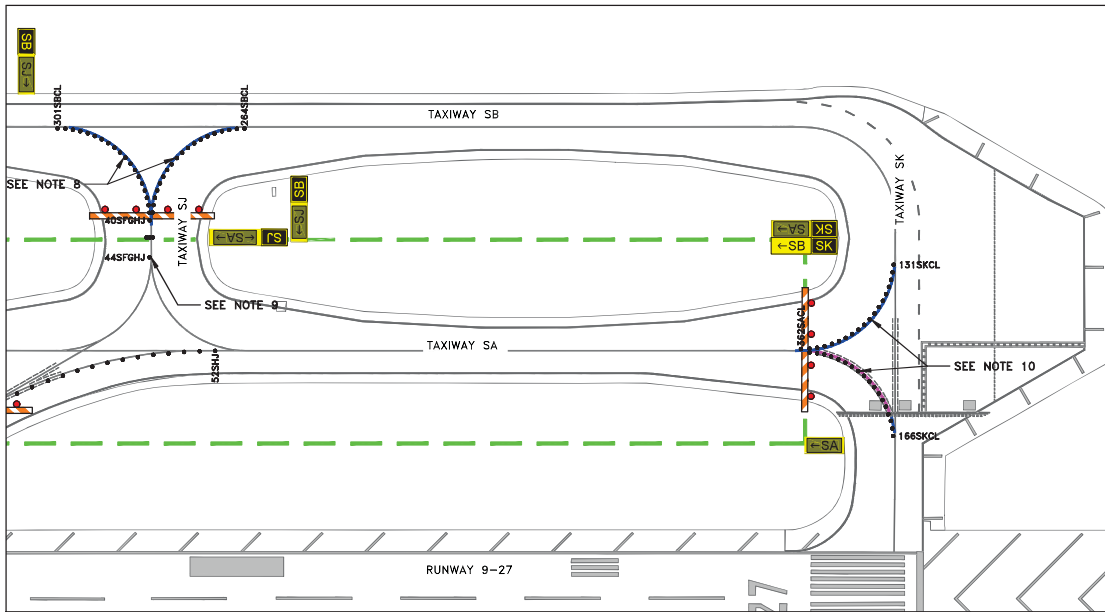
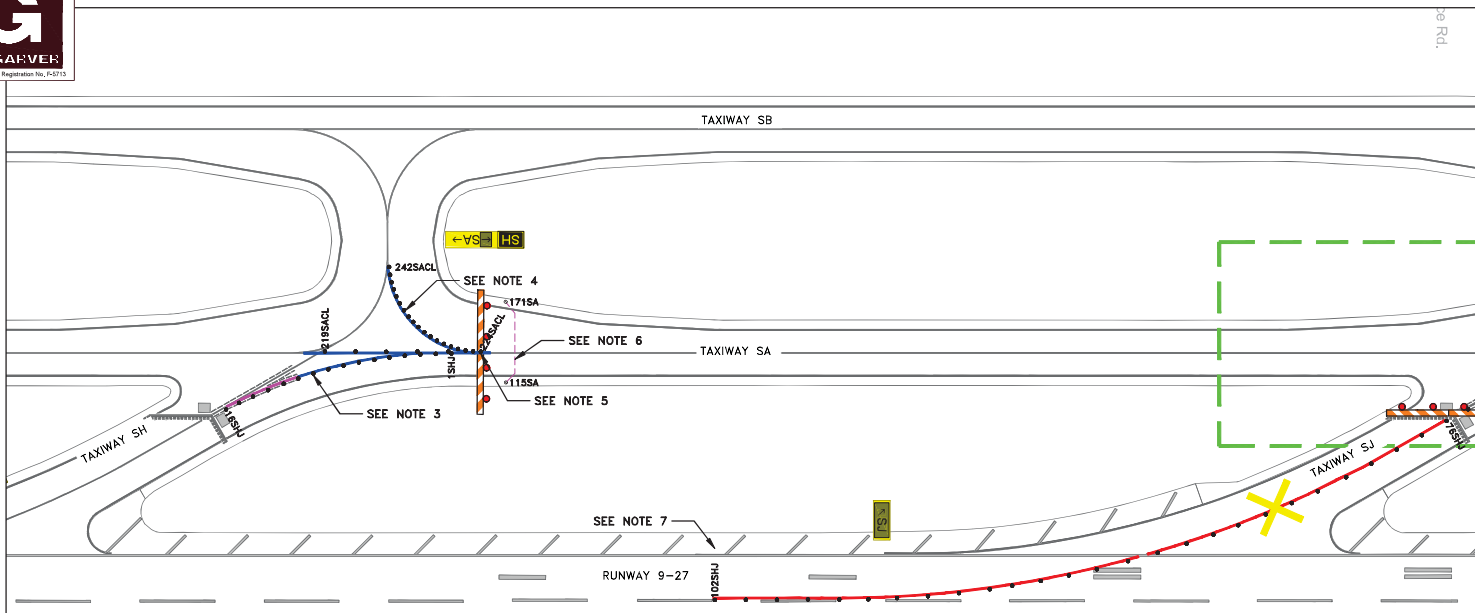
JACOBS

JACOBS ENGINEERING GROUP INC.
8000 HORNBERRY ROAD
HOUSTON, TEXAS 77072
917-832-3111
WWW.JACOBS.COM
TEXAS P.E. FIRM P-2848



NOTES:

- FOR GENERAL AIRFIELD ELECTRICAL PHASING NOTES, SEE SHEET 602.02.
- ALL CENTERLINES IDENTIFIED TO BE MASKED SHALL BE COVERED WITH NON-RETROREFLECTIVE BLACK PAINT. ALL MARKINGS TO BE MASKED OR REMOVED SHALL BE SURVEYED AND PLACED BACK AT THE ORIGINAL LOCATION AT THE END OF THE PHASE, UNLESS NOTED OTHERWISE.
- DISCONNECT TAXIWAY SH CENTERLINE LIGHTS AND TRANSFORMERS 15SHJ THROUGH 165HJ. RECONNECT CABLES IN BASE CAN TO MAINTAIN CIRCUIT INTEGRITY AND REINSTALL CENTERLINE LIGHTS.
- DISCONNECT TAXIWAY SA CENTERLINE LIGHTS AND TRANSFORMERS 219SAKL THROUGH 224SAKL. RECONNECT CABLES IN BASE CAN TO MAINTAIN CIRCUIT INTEGRITY AND REINSTALL CENTERLINE LIGHTS.
- DISCONNECT TAXIWAY SA CENTERLINE LIGHT 224SAKL AND BYPASS REMAINING CIRCUIT TO THE EAST IN BASE CAN 224SAKL. MAINTAIN CIRCUIT INTEGRITY WEST OF TAXIWAY SA CENTERLINE LIGHT 219SAKL.
- FURNISH AND INSTALL 1-SA L-824 CABLE BETWEEN 171SA AND 115SA TO BYPASS TAXIWAY SA EDGE CIRCUIT TO THE EAST.
- DISCONNECT TAXIWAY SHJ CENTERLINE LIGHTS ALONG TAXIWAY SJ AT JUNCTION STRUCTURE IN RUNWAY SHOULDER (52SHJ THROUGH 102SHJ). MAINTAIN CIRCUIT INTEGRITY ALONG TAXIWAY SH.
- DISCONNECT TAXIWAY SB CENTERLINE LIGHTS AND TRANSFORMERS 264SBCL THROUGH 301SBCL. RECONNECT CABLES IN BASE CAN TO MAINTAIN CIRCUIT INTEGRITY AND REINSTALL CENTERLINE LIGHTS.
- DISCONNECT TAXIWAY SFGHJ CENTERLINE LIGHTS AND TRANSFORMERS 40SFGHJ THROUGH 44SFGHJ. RECONNECT CABLES IN BASE CAN TO MAINTAIN CIRCUIT INTEGRITY AND REINSTALL CENTERLINE LIGHTS.
- DISCONNECT TAXIWAY SK CENTERLINE LIGHTS AND TRANSFORMERS 131SKCL THROUGH 166SKCL. RECONNECT CABLES IN BASE CAN TO MAINTAIN CIRCUIT INTEGRITY AND REINSTALL CENTERLINE LIGHTS.



LEGEND

- PHASING WORK AREA
- LOW-PROFILE BARRICADE
- MASK TAXIWAY CENTERLINE MARKING (SEE NOTE 2)
- MASK ENHANCED TAXIWAY CENTERLINE MARKING
- TAXIWAY MARKING REMOVAL FOR HIGH SPEED EXIT
- X PAINTED TAXIWAY CLOSURE MARKING
- EXISTING TAXIWAY CENTERLINE LIGHT (SEE NOTES)
- COVER TAXIWAY EDGE LIGHTS WITH PVC MASK
- COVER GUIDANCE SIGN INFORMATION AS INDICATED WITH HEAVY BLACK PLASTIC SIGN COVER
- TEMPORARY CABLING

REVISIONS

NO.	DESCRIPTION	DATE	BY

**GEORGE BUSH INTERCONTINENTAL AIRPORT
REHABILITATION OF TAXIWAYS SA & SB (PART A)
TEMPORARY MARKING, SIGNAGE AND
LIGHTING PLAN - PHASE 6**

PROJECT MGR:	DT
DESIGNER:	TW
CHECK BY:	DT
SCALE:	#####
DATE:	01/23/2023

DANIEL C. TOMPKINS
TEXAS REGISTRATION
127450 FOR REVIEW
ONLY. DESIGN
DOCUMENTS DEPICTED
HERE IN ARE
INCOMPLETE AND MAY
NOT BE USED FOR
REGULATORY APPROVAL.
PERMIT OR
CONSTRUCTION DATE
(01/23/2023)

APPROVED BY: JEF

PROJECT NO. 0646A

ALP. NO. XXXX

C.I.P. NO. XXXX

H.A.S. NO. 20C0646A

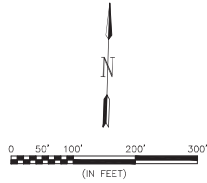
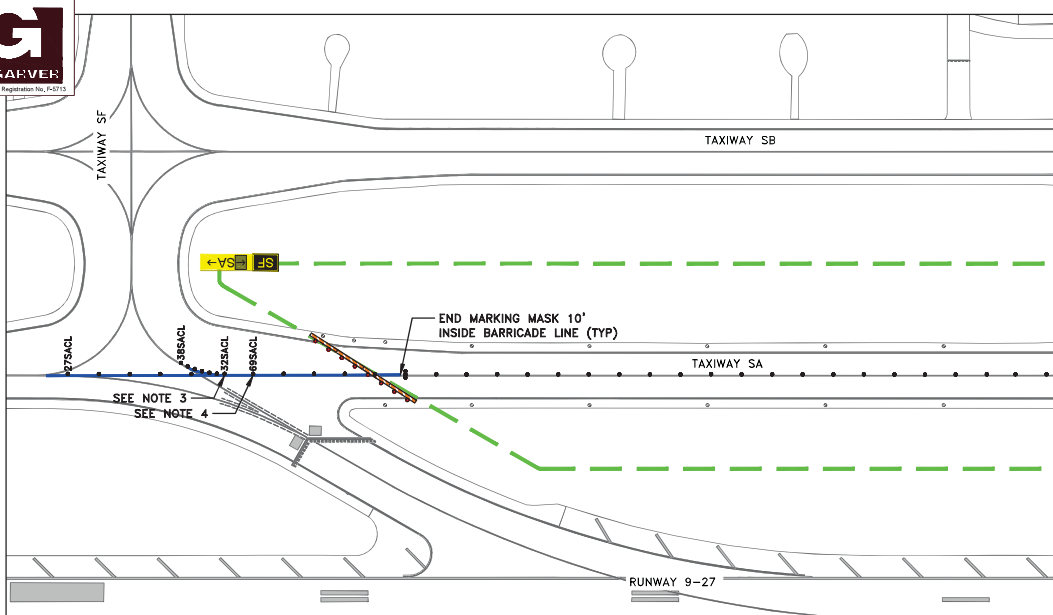
SHEET NO.

G03.07

HAS FILE: c:\Users\jagregorio\OneDrive - garver\0646A\2\02 - CSPP\Sheet Files\0646003.07.dwg
PLOT DATE: 3/10/2022 11:06:43 AM

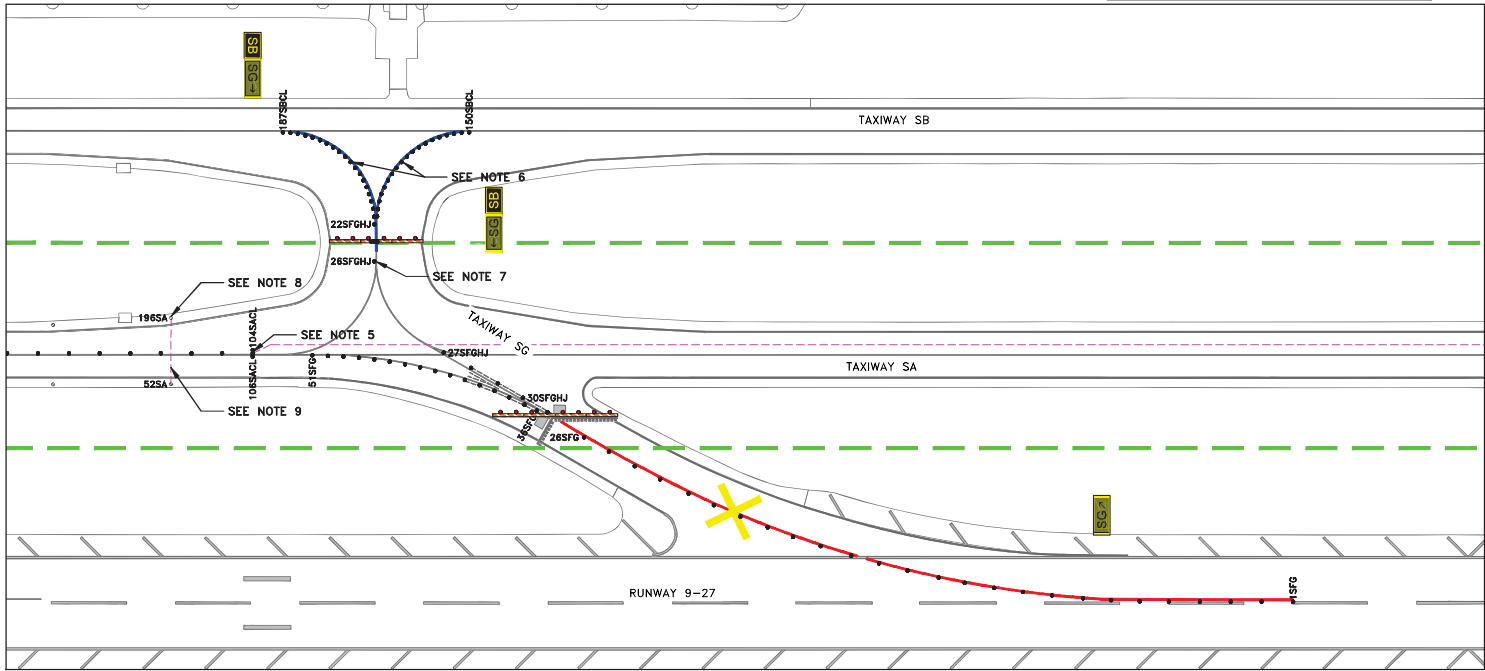


100% Registration No. P-2015



LEGEND	
	PHASING WORK AREA
	LOW-PROFILE BARRICADE
	MASK TAXIWAY CENTERLINE MARKING (SEE NOTE 2)
	TAXIWAY MARKING REMOVAL FOR HIGH SPEED EXIT
	PAINTED TAXIWAY CLOSURE MARKING
	EXISTING TAXIWAY CENTERLINE LIGHT (SEE NOTES)
	COVER TAXIWAY EDGE LIGHTS WITH PVC MASK
	COVER GUIDANCE SIGN INFORMATION AS INDICATED WITH HEAVY BLACK PLASTIC SIGN COVER
	TEMPORARY CABLING

- NOTES:**
- FOR GENERAL AIRFIELD ELECTRICAL PHASING NOTES, SEE SHEET G02.02.
 - ALL CENTERLINES IDENTIFIED TO BE MASKED SHALL BE COVERED WITH NON-RETROREFLECTIVE BLACK PAINT. ALL MARKINGS TO BE MASKED OR REMOVED SHALL BE SURVEYED AND PLACED BACK AT THE ORIGINAL LOCATION AT THE END OF THE PHASE, UNLESS NOTED OTHERWISE.
 - DISCONNECT TAXIWAY SA CENTERLINE LIGHTS AND TRANSFORMERS 275SACL THROUGH 325SACL AND 325SACL THROUGH 385SACL. RECONNECT CABLES IN BASE CAN TO MAINTAIN CIRCUIT INTEGRITY AND REINSTALL CENTERLINE LIGHTS.
 - DISCONNECT SA CENTERLINE LIGHTS AND TRANSFORMERS 695SACL THROUGH 1065SACL. RECONNECT CABLES IN BASE CAN TO MAINTAIN CIRCUIT INTEGRITY AND REINSTALL CENTERLINE LIGHTS.
 - FURNISH AND INSTALL 2-SACL L-B24 CABLES BETWEEN 105SACL AND 292SACL.
 - DISCONNECT TAXIWAY SB CENTERLINE LIGHTS AND TRANSFORMERS 150SBCL THROUGH 187SBCL. RECONNECT CABLES IN BASE CAN TO MAINTAIN CIRCUIT INTEGRITY AND REINSTALL CENTERLINE LIGHTS.
 - DISCONNECT TAXIWAY SFGHJ CENTERLINE LIGHTS AND TRANSFORMERS 22SFGHJ THROUGH 30SFGHJ. RECONNECT CABLES IN BASE CAN TO MAINTAIN CIRCUIT INTEGRITY AND REINSTALL CENTERLINE LIGHTS.
 - BYPASS TAXIWAY SFG CENTERLINE LIGHTS ALONG TAXIWAY SG AT TAXIWAY EDGE LIGHT 196SA (1SFG THROUGH 26SFG AND 36SFG THROUGH 51SFG). MAINTAIN CIRCUIT INTEGRITY ALONG TAXIWAY SF.
 - FURNISH AND INSTALL 2-SA L-B24 CABLES BETWEEN 196SA AND 52SA TO BYPASS TAXIWAY SA EDGE CIRCUIT TO THE EAST.



REVISIONS		
NO.	DESCRIPTION	DATE BY

GEORGE BUSH INTERCONTINENTAL AIRPORT
 REHABILITATION OF TAXIWAYS SA & SB (PART A)
TEMPORARY MARKING, SIGNAGE AND LIGHTING PLAN - PHASE 7

PROJECT MGR:	DT
DESIGNER:	TW
DRAWN BY:	TW
CHECK BY:	DT
SCALE:	1" = 100'
DATE:	01/23/2023

DANIEL C. TOMPKINS
 TEXAS REGISTRATION
 127450 FOR REVIEW
 ONLY. DESIGN
 DOCUMENTS DEPICTED
 HERE IN ARE
 INCOMPLETE AND MAY
 NOT BE USED FOR
 REGULATORY APPROVAL,
 PERMIT OR
 CONSTRUCTION DATE
 (01/23/2023)

APPROVED BY: JEF

DIRECTOR
 HOUSTON AIRPORT SYSTEM

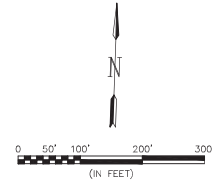
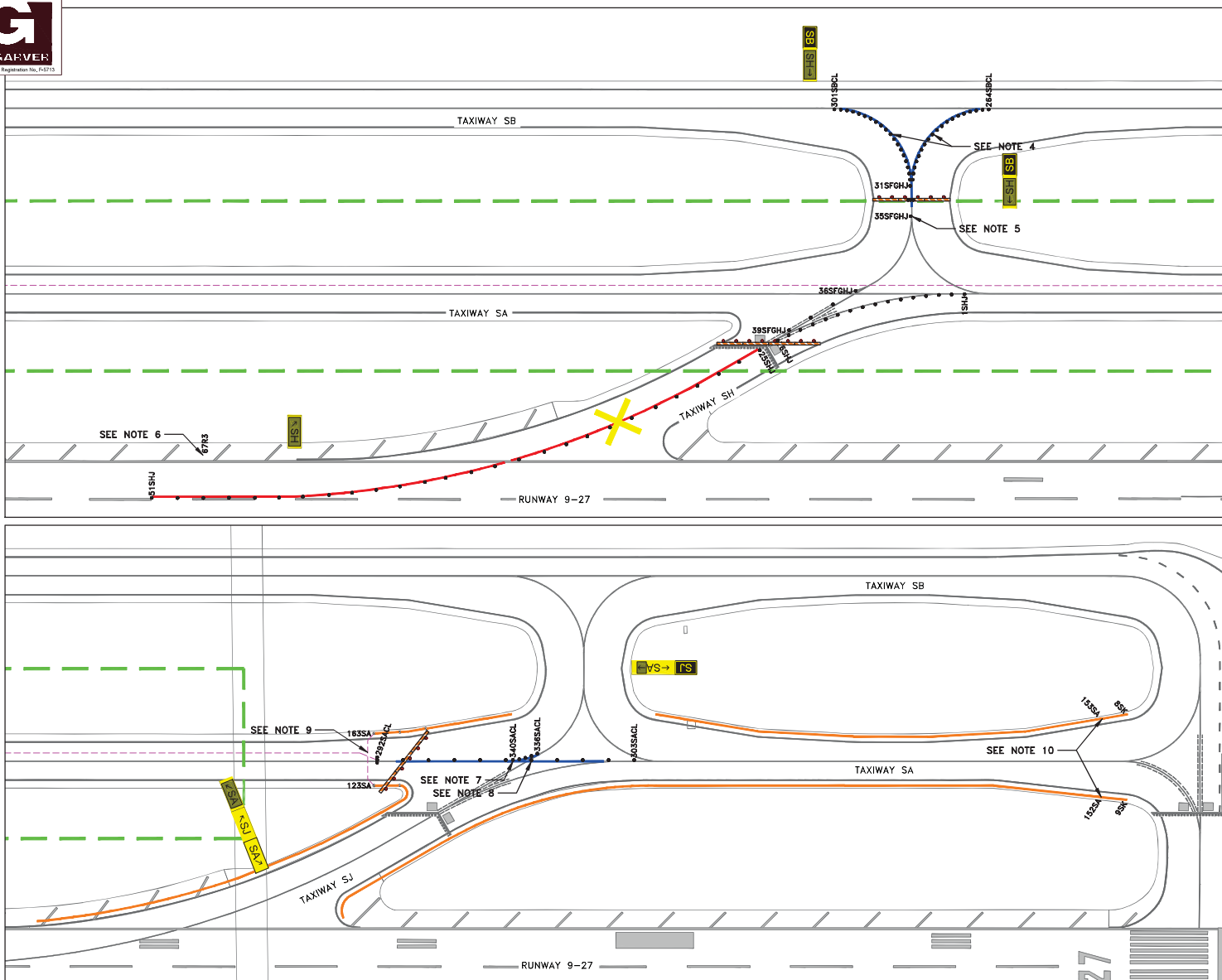
PROJECT NO.	0646A
ALP. NO.	XXXX
C.I.P. NO.	XXXX
H.A.S. NO.	20C0646A
SHEET NO.	

G03.08

HAS FILE: c:\Users\jagranado\OneDrive - garver\0646A\02 - CSPP\Sheet Files\0646003.0



ISPS Registration No. F-0715



NOTES:

- FOR GENERAL AIRFIELD ELECTRICAL PHASING NOTES, SEE SHEET G02.02.
- FOR MARKING AND ELECTRICAL PHASING LEGEND, SEE SHEET G03.01A.
- ALL CENTERLINES IDENTIFIED TO BE MASKED SHALL BE COVERED WITH NON-RETROREFLECTIVE BLACK PAINT. ALL MARKINGS TO BE MASKED OR REMOVED SHALL BE SURVEYED AND PLACED BACK AT THE ORIGINAL LOCATION AT THE END OF THE PHASE, UNLESS NOTED OTHERWISE.
- DISCONNECT TAXIWAY SB CENTERLINE LIGHTS AND TRANSFORMERS 264SBCL THROUGH 301SBCL. RECONNECT CABLES IN BASE CAN TO MAINTAIN CIRCUIT INTEGRITY AND REINSTALL CENTERLINE LIGHTS.
- DISCONNECT TAXIWAY SH CENTERLINE LIGHTS AND TRANSFORMERS 315FGHJ THROUGH 365FGHJ. RECONNECT CABLES IN BASE CAN TO MAINTAIN CIRCUIT INTEGRITY AND REINSTALL CENTERLINE LIGHTS.
- DISCONNECT TAXIWAY SHJ CENTERLINE LIGHTS ALONG TAXIWAY SH AT RUNWAY EDGE LIGHT 67R3 (1SHJ THROUGH 18SHJ AND 25SHJ THROUGH 51SHJ). MAINTAIN CIRCUIT INTEGRITY ALONG TAXIWAY SJ.
- DISCONNECT TAXIWAY SA CENTERLINE LIGHTS AND TRANSFORMERS 336SACL THROUGH 340SACL. RECONNECT CABLES IN BASE CAN TO MAINTAIN CIRCUIT INTEGRITY AND REINSTALL CENTERLINE LIGHTS.
- DISCONNECT SA CENTERLINE LIGHT AND TRANSFORMERS 292SACL THROUGH 303SACL. RECONNECT CABLES IN BASE CAN TO MAINTAIN CIRCUIT INTEGRITY AND REINSTALL CENTERLINE LIGHTS.
- FURNISH AND INSTALL 1-SA L-824 CABLES BETWEEN 123SA TO 163SA TO BYPASS TAXIWAY SA EDGE CIRCUIT TO THE WEST. THIS WILL COMPLETE THE MODIFIED SB CIRCUIT ILLUMINATING TAXIWAY SA BETWEEN TAXIWAYS SJ AND SK, AS WELL AS, TAXIWAY SJ. SEE NOTE 10.
- CONNECT 153SA TO 8SK AND 152SA TO 9SK TO EXTEND CIRCUIT SB TO THE WEST TO LIGHTS 163SA AND 123SA. THIS WILL ILLUMINATE TAXIWAY SA ALONG TAXIWAY SA BETWEEN TAXIWAYS SJ AND SK, AS WELL AS, TAXIWAY SJ. INDICATED BY: —



Jacobs

JACOBS ENGINEERING GROUP INC.
3909 HORIZONTAL ROAD
HOUSTON, TEXAS 77072
91-832-3011-0000
WWW.JACOBS.COM
TEXAS P.E. FIRM F-2848

NO.	REVISIONS	DESCRIPTION	DATE

GEORGE BUSH INTERCONTINENTAL AIRPORT
 REHABILITATION OF TAXIWAYS SA & SB (PART A)
TEMPORARY MARKING, SIGNAGE AND LIGHTING PLAN - PHASE 7

PROJECT MGR:	DT
DESIGNER:	TW
DRAWN BY:	DT
CHECK BY:	DT
SCALE:	1" = 100'
DATE:	01/23/2023

DANIEL C. TOMPKINS
TEXAS REGISTRATION
127450 FOR REVIEW
ONLY. DESIGN
DOCUMENTS DEPICTED
HERE IN ARE
INCOMPLETE AND MAY
NOT BE USED FOR
REGULATORY APPROVAL,
PERMIT OR
CONSTRUCTION DATE
(01/23/2023)

APPROVED BY: JEF

PROJECT NO. G03.09

ALP. NO. 0646A

C.I.P. NO. XXXX

H.A.S. NO. 20C0646A

SHEET NO.

G03.09

HAS FILE: c:\Users\jagranado\OneDrive - garver\0646A\2\02 - CSPP\Sheet Files\0646003.08.dwg
 PLOT DATE: 3/10/2022 11:06:43 AM