



Texas Commission on Environmental Quality
Correspondence Cover Sheet
Waste Permits Division

Date: 1/26/2026

Facility Name: Legacy Green Keough Recycling

Permit, Registration, or

Authorization No.: _____

Nature of Submittal:

Initial

Deficiency Response to TCEQ Tracking No.: _____
 (from subject line of TCEQ Notice of Deficiency)

Affix a completed Correspondence Cover Sheet to the front of each submission to the Waste Permits Division. Check **one box** to indicate type of correspondence. Call (512) 239-2335 if you have questions.

Table 1 - Municipal Solid Waste Correspondence

Applications	Reports and Communications
Permit (New): <input type="checkbox"/> Landfill <input type="checkbox"/> Processor <input type="checkbox"/> Compost	<input type="checkbox"/> Alternative Daily Cover Status Report
<input checked="" type="checkbox"/> Registration Application (New)	<input type="checkbox"/> Closure Report
<input type="checkbox"/> Major Amendment	<input type="checkbox"/> Compost Report
<input type="checkbox"/> Limited Scope Major Amendment	<input type="checkbox"/> Groundwater Alternate Source Demonstration
<input type="checkbox"/> Modification with Public Notice	<input type="checkbox"/> Groundwater Corrective Action Report
<input type="checkbox"/> Modification without Public Notice	<input type="checkbox"/> Groundwater Monitoring Report
<input type="checkbox"/> Ownership Transfer/Name Change Modification	<input type="checkbox"/> Groundwater Background Evaluation Report
<input type="checkbox"/> Temporary Authorization	<input type="checkbox"/> Landfill Gas Corrective Action Report
<input type="checkbox"/> Voluntary Revocation	<input type="checkbox"/> Landfill Gas Monitoring Report
Subchapter T: <input type="checkbox"/> Permit <input type="checkbox"/> Registration	<input type="checkbox"/> Liner Evaluation Report
<input type="checkbox"/> Subchapter T Disturbance Non-Enclosed Structure	<input type="checkbox"/> Soil Boring Plan
Notice of Intent: <input type="checkbox"/> New <input type="checkbox"/> Revision <input type="checkbox"/> Closure	<input type="checkbox"/> Special Waste Request
<input type="checkbox"/> Other Application:	<input type="checkbox"/> Other Report or Communication:

Table 2 - Industrial & Hazardous Waste Correspondence

Applications	Reports and Notifications	
<input type="checkbox"/> CCR Registration (New)	<input type="checkbox"/> Extension Request	<input type="checkbox"/> Interim Status Change
<input type="checkbox"/> Permit Application (New)	<input type="checkbox"/> CfPT Plan/Result	<input type="checkbox"/> Interim Status Closure Plan
<input type="checkbox"/> Permit Renewal	<input type="checkbox"/> CPT Plan/Result	<input type="checkbox"/> Closure Certification/Report
<input type="checkbox"/> Post-Closure Order (New)	<input type="checkbox"/> Construction Certification/Report	CCR Notifications:
<input type="checkbox"/> Major Amendment	<input type="checkbox"/> Corrective Action Effectiveness Report	<input type="checkbox"/> CCR Closure Care Plan
<input type="checkbox"/> Minor Amendment	<input type="checkbox"/> Groundwater Alternative Source Demonstration Report	<input type="checkbox"/> CCR Design Criteria
Class of Permit Modification: <input type="checkbox"/> 1 <input type="checkbox"/> 1ED <input type="checkbox"/> 2 <input type="checkbox"/> 3	<input type="checkbox"/> Groundwater Background Evaluation Report	<input type="checkbox"/> CCR Groundwater Monitoring and Corrective Action Report
<input type="checkbox"/> Endorsement	<input type="checkbox"/> Groundwater Monitoring Report	<input type="checkbox"/> CCR Location Restriction
<input type="checkbox"/> Temporary Authorization	<input type="checkbox"/> Soil Core Monitoring Report	<input type="checkbox"/> CCR Operating Criteria
<input type="checkbox"/> Voluntary Revocation	<input type="checkbox"/> Treatability Study	<input type="checkbox"/> CCR Post-closure Care Plan
<input type="checkbox"/> 335.6 Notification	<input type="checkbox"/> Trial Burn Plan/Result	<input type="checkbox"/> Other Report or Notification (specify):
<input type="checkbox"/> Other:	<input type="checkbox"/> Unsaturated Zone Monitoring Report	



Type V Transfer Station Registration Application

Legacy Green Keough Recycling Center
Houston, Harris County, Texas

Prepared for:

Legacy Green LLC
9420 Keough Rd
Houston, Texas 77040

Prepared by:

Roux Associates, Inc.
Texas Registered Engineering Firm F-13676
19450 State Highway 249, Suite 260
Houston, Texas 77070

INTENDED FOR PERMITTING PURPOSES ONLY

JANUARY 2026



OVERALL TABLE OF CONTENTS

- Cover Letter
- TCEQ Core Data Forms (Form-10400)
- Plain Language Summary – English
- Plain Language Summary – Spanish
- TCEQ Public Involvement Plan Form (Form-20960)
- Regulatory Checklist

Part I

- Part I Application Form (Form-0650)
- Part I Report
- Attachment IA Land Ownership
 - IA-1 Land Ownership List
 - IA-2 Figure IA-1 Land Ownership Map
 - IA-3 Mailing Labels – Pre-Printed
- Attachment IB Legal Description & Registration Boundary
 - Exhibit Plat of Registration Boundary Survey
- Attachment IC Legal Authority
- Attachment ID Appointments
- Attachment IE Application Fee Payment

Part II

- Part II Report
- Attachment IIA Water Well Database
- Attachment IIB Agency Coordination Correspondence
 - IIB-1 Texas Department of Transportation (TxDOT)
 - IIB-2 Federal Aviation Administration
 - IIB-3 United States Army Corps of Engineers
 - IIB-4 Texas Parks and Wildlife Department (TPWD)
 - IIB-5 Texas Historical Commission (THC)
 - IIB-6 Houston-Galveston Area Council (H-GAC)
 - IIB-7 Harris County Precinct 1



Part III

Part III Report

Attachment IIIA Closure Plan

Attachment IIIB Closure Cost Estimate

Attachment IIIC Stormwater Drainage Calculations

Part IV

Part IV Report



Type V Transfer Station Registration Application
Legacy Green Keough Recycling Center

Cover Letter

January 26, 2026

**Electronically submitted via TCEQ Secure FTP Site
Hardcopy transmitted via FedEx delivery to:**

Ms. Megan Henson, Section Manager
Texas Commission on Environmental Quality (TCEQ)
Municipal Solid Waste Permits Section, Waste Permits Division, MC-124
12100 Park 35 Circle, Bldg. F
Austin, Texas 78753

Re: Legacy Green Keough Recycling Center
Type V Transfer Station
Registration Application
9420 Keough Rd
Houston, TX 77040

Dear Ms. Henson:

On behalf of Legacy Green LLC, Roux Associates, Inc. is submitting a Registration Application (RA) for the Texas Commission on Environmental Quality (TCEQ) Municipal Solid Waste (MSW) Permits Section, Waste Permits Division. This RA pertains to the operation of a Type V Transfer Station located in Houston, Texas. The Legacy Green Keough Recycling Center, encompassing 2.14 acres, is located at 9420 Keough Rd, Houston, TX 77040.

This cover letter accompanies the following items, as required by 30 TAC §330.57 and applicable Chapter 330 rules for a RA:

- Two TCEQ Core Data Forms, one for the owner, LMA EXCHANGE #2, LLC and one for the operator, Legacy Green LLC.
- Four sets of mailing labels of the adjacent landowners.
- A Plain Language Summary (PLS) in English and Spanish.
- A completed Public Involvement Plan Form (TCEQ-20960).
- A completed Regulatory Checklist (TCEQ Administrative and Technical Review Checklist for a Type V Transfer Station RA).
- One original and three copies of the RA, containing the required Part I Application Form, and Parts I through IV.

If further information or documentation is required, please do not hesitate to contact us at (281) 397-3805 or via email at [REDACTED]

Sincerely,

ROUX ASSOCIATES, INC.
Texas Registered Engineering Firm F-13676



Annie Nguyen, P.E. (TX 140335)
Senior Engineer I



Gary Horwitch, P.E. (TX 48456)
Technical Director

Type V Transfer Station Registration Application
Legacy Green Keough Recycling Center

TCEQ Core Data Forms (Form-10400)



TCEQ Use Only

TCEQ Core Data Form

For detailed instructions on completing this form, please read the Core Data Form Instructions or call 512-239-5175.

SECTION I: General Information

1. Reason for Submission (If other is checked please describe in space provided.)		
<input checked="" type="checkbox"/> New Permit, Registration or Authorization (Core Data Form should be submitted with the program application.)		
<input type="checkbox"/> Renewal (Core Data Form should be submitted with the renewal form)		<input type="checkbox"/> Other
2. Customer Reference Number (if issued)	Follow this link to search for CN or RN numbers in Central Registry**	3. Regulated Entity Reference Number (if issued)
CN 606424448		RN 112276753

SECTION II: Customer Information

4. General Customer Information		5. Effective Date for Customer Information Updates (mm/dd/yyyy)		1/15/2026	
<input type="checkbox"/> New Customer		<input checked="" type="checkbox"/> Update to Customer Information		<input type="checkbox"/> Change in Regulated Entity Ownership	
<input type="checkbox"/> Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)					
<i>The Customer Name submitted here may be updated automatically based on what is current and active with the Texas Secretary of State (SOS) or Texas Comptroller of Public Accounts (CPA).</i>					
6. Customer Legal Name (If an individual, print last name first: eg: Doe, John)			<i>If new Customer, enter previous Customer below:</i>		
Legacy Green LLC					
7. TX SOS/CPA Filing Number		8. TX State Tax ID (11 digits)		9. Federal Tax ID (9 digits)	
0805770946		32097434727		10. DUNS Number (if applicable)	
11. Type of Customer:		<input checked="" type="checkbox"/> Corporation		<input type="checkbox"/> Individual	
Government: <input type="checkbox"/> City <input type="checkbox"/> County <input type="checkbox"/> Federal <input type="checkbox"/> Local <input type="checkbox"/> State <input type="checkbox"/> Other		<input type="checkbox"/> Sole Proprietorship		Partnership: <input type="checkbox"/> General <input checked="" type="checkbox"/> Limited	
12. Number of Employees				13. Independently Owned and Operated?	
<input type="checkbox"/> 0-20 <input checked="" type="checkbox"/> 21-100 <input type="checkbox"/> 101-250 <input type="checkbox"/> 251-500 <input type="checkbox"/> 501 and higher				<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
14. Customer Role (Proposed or Actual) – as it relates to the Regulated Entity listed on this form. Please check one of the following					
<input type="checkbox"/> Owner		<input checked="" type="checkbox"/> Operator		<input type="checkbox"/> Owner & Operator	
<input type="checkbox"/> Occupational Licensee		<input type="checkbox"/> Responsible Party		<input type="checkbox"/> VCP/BSA Applicant	
<input type="checkbox"/> Other:					
15. Mailing Address:					
9420 Keough Rd					
City: HOUSTON State: TX ZIP: 77040 ZIP + 4:					
16. Country Mailing Information (if outside USA)				17. E-Mail Address (if applicable)	
				[REDACTED]	

18. Telephone Number (713) 882-8850	19. Extension or Code	20. Fax Number (if applicable) () -
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SECTION III: Regulated Entity Information

21. General Regulated Entity Information (If "New Regulated Entity" is selected, a new permit application is also required.)							
<input type="checkbox"/> New Regulated Entity <input checked="" type="checkbox"/> Update to Regulated Entity Name <input checked="" type="checkbox"/> Update to Regulated Entity Information							
<i>The Regulated Entity Name submitted may be updated, in order to meet TCEQ Core Data Standards (removal of organizational endings such as Inc, LP, or LLC).</i>							
22. Regulated Entity Name (Enter name of the site where the regulated action is taking place.)							
LEGACY GREEN KEOUGH RECYCLING CENTER							
23. Street Address of the Regulated Entity: (No PO Boxes)	9420 KEOUGH RD						
	City	HOUSTON	State	TX	ZIP	77040	ZIP + 4
24. County	HARRIS						

If no Street Address is provided, fields 25-28 are required.

25. Description to Physical Location:							
26. Nearest City					State	Nearest ZIP Code	
<i>Latitude/Longitude are required and may be added/updated to meet TCEQ Core Data Standards. (Geocoding of the Physical Address may be used to supply coordinates where none have been provided or to gain accuracy).</i>							
27. Latitude (N) In Decimal:			28. Longitude (W) In Decimal:				
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds		
29. Primary SIC Code (4 digits)		30. Secondary SIC Code (4 digits)		31. Primary NAICS Code (5 or 6 digits)		32. Secondary NAICS Code (5 or 6 digits)	
4953				56211			
33. What is the Primary Business of this entity? (Do not repeat the SIC or NAICS description.)							
SOLID WASTE TRANSFER STATION							
34. Mailing Address:	9420 Keough Rd						
	City	HOUSTON	State	TX	ZIP	77040	ZIP + 4
35. E-Mail Address:	[REDACTED]						
36. Telephone Number	37. Extension or Code			38. Fax Number (if applicable)			
(713) 882-8850				() -			

39. TCEQ Programs and ID Numbers Check all Programs and write in the permits/registration numbers that will be affected by the updates submitted on this form. See the Core Data Form instructions for additional guidance.

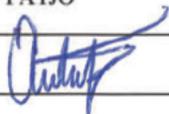
<input type="checkbox"/> Dam Safety	<input type="checkbox"/> Districts	<input type="checkbox"/> Edwards Aquifer	<input type="checkbox"/> Emissions Inventory Air	<input type="checkbox"/> Industrial Hazardous Waste
<input checked="" type="checkbox"/> Municipal Solid Waste	<input type="checkbox"/> New Source Review Air	<input type="checkbox"/> OSSF	<input checked="" type="checkbox"/> Petroleum Storage Tank	<input type="checkbox"/> PWS
PENDING			94921	
<input type="checkbox"/> Sludge	<input type="checkbox"/> Storm Water	<input type="checkbox"/> Title V Air	<input type="checkbox"/> Tires	<input type="checkbox"/> Used Oil
<input type="checkbox"/> Voluntary Cleanup	<input type="checkbox"/> Wastewater	<input type="checkbox"/> Wastewater Agriculture	<input type="checkbox"/> Water Rights	<input type="checkbox"/> Other:

SECTION IV: Preparer Information

40. Name:	GARY HORWITCH	41. Title:	TECHNICAL DIRECTOR
42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail Address
(713) 252-1581		() -	

SECTION V: Authorized Signature

46. By my signature below, I certify, to the best of my knowledge, that the information provided in this form is true and complete, and that I have signature authority to submit this form on behalf of the entity specified in Section II, Field 6 and/or as required for the updates to the ID numbers identified in field 39.

Company:	Legacy Green LLC	Job Title:	PRESIDENT
Name (In Print):	AUSTIN FATJO	Phone:	(713) 882- 8850
Signature:		Date:	1/16/2025



TCEQ Use Only

TCEQ Core Data Form

For detailed instructions on completing this form, please read the Core Data Form Instructions or call 512-239-5175.

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2. Customer Reference Number (if issued)	Follow this link to search for CN or RN numbers in Central Registry**	3. Regulated Entity Reference Number (if issued)
CN		RN 112276753

SECTION II: Customer Information

4. General Customer Information		5. Effective Date for Customer Information Updates (mm/dd/yyyy)		1/15/2026
<input checked="" type="checkbox"/> New Customer <input type="checkbox"/> Update to Customer Information <input type="checkbox"/> Change in Regulated Entity Ownership <input type="checkbox"/> Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)				
<i>The Customer Name submitted here may be updated automatically based on what is current and active with the Texas Secretary of State (SOS) or Texas Comptroller of Public Accounts (CPA).</i>				
6. Customer Legal Name (If an individual, print last name first: eg: Doe, John)			<i>If new Customer, enter previous Customer below:</i>	
LMA EXCHANGE #2, LLC				
7. TX SOS/CPA Filing Number	8. TX State Tax ID (11 digits)	9. Federal Tax ID (9 digits)	10. DUNS Number (if applicable)	
0805615529	32095841709			
11. Type of Customer:		<input checked="" type="checkbox"/> Corporation	<input type="checkbox"/> Individual	Partnership: <input type="checkbox"/> General <input checked="" type="checkbox"/> Limited
Government: <input type="checkbox"/> City <input type="checkbox"/> County <input type="checkbox"/> Federal <input type="checkbox"/> Local <input type="checkbox"/> State <input type="checkbox"/> Other		<input type="checkbox"/> Sole Proprietorship	<input type="checkbox"/> Other:	
12. Number of Employees			13. Independently Owned and Operated?	
<input checked="" type="checkbox"/> 0-20 <input type="checkbox"/> 21-100 <input type="checkbox"/> 101-250 <input type="checkbox"/> 251-500 <input type="checkbox"/> 501 and higher			<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
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<input checked="" type="checkbox"/> Owner <input type="checkbox"/> Operator <input type="checkbox"/> Owner & Operator <input type="checkbox"/> Other: <input type="checkbox"/> Occupational Licensee <input type="checkbox"/> Responsible Party <input type="checkbox"/> VCP/BSA Applicant				
15. Mailing Address:	303 W WALL ST			
	STE 2400			
City	MIDLAND	State	TX	ZIP 79701 ZIP + 4
16. Country Mailing Information (if outside USA)			17. E-Mail Address (if applicable)	
			[REDACTED]	

18. Telephone Number (713) 898-0863	19. Extension or Code	20. Fax Number (if applicable) () -
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<i>The Regulated Entity Name submitted may be updated, in order to meet TCEQ Core Data Standards (removal of organizational endings such as Inc, LP, or LLC).</i>							
22. Regulated Entity Name (Enter name of the site where the regulated action is taking place.)							
LEGACY GREEN KEOUGH RECYCLING CENTER							
23. Street Address of the Regulated Entity: (No PO Boxes)	9420 KEOUGH RD						
	City	HOUSTON	State	TX	ZIP	77040	ZIP + 4
24. County	HARRIS						

If no Street Address is provided, fields 25-28 are required.

25. Description to Physical Location:							
26. Nearest City					State	Nearest ZIP Code	
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27. Latitude (N) In Decimal:			28. Longitude (W) In Decimal:				
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds		
29. Primary SIC Code (4 digits)		30. Secondary SIC Code (4 digits)		31. Primary NAICS Code (5 or 6 digits)		32. Secondary NAICS Code (5 or 6 digits)	
4953				56211			
33. What is the Primary Business of this entity? (Do not repeat the SIC or NAICS description.)							
SOLID WASTE TRANSFER STATION							
34. Mailing Address:	303 W WALL ST						
	STE 2400						
	City	MIDLAND	State	TX	ZIP	79701	ZIP + 4
35. E-Mail Address:	[REDACTED]						
36. Telephone Number	37. Extension or Code			38. Fax Number (if applicable)			
(713) 898-0863				() -			

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<input type="checkbox"/> Dam Safety	<input type="checkbox"/> Districts	<input type="checkbox"/> Edwards Aquifer	<input type="checkbox"/> Emissions Inventory Air	<input type="checkbox"/> Industrial Hazardous Waste
<input checked="" type="checkbox"/> Municipal Solid Waste	<input type="checkbox"/> New Source Review Air	<input type="checkbox"/> OSSF	<input checked="" type="checkbox"/> Petroleum Storage Tank	<input type="checkbox"/> PWS
PENDING			94921	
<input type="checkbox"/> Sludge	<input type="checkbox"/> Storm Water	<input type="checkbox"/> Title V Air	<input type="checkbox"/> Tires	<input type="checkbox"/> Used Oil
<input type="checkbox"/> Voluntary Cleanup	<input type="checkbox"/> Wastewater	<input type="checkbox"/> Wastewater Agriculture	<input type="checkbox"/> Water Rights	<input type="checkbox"/> Other:

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40. Name:	GARY HORWITCH	41. Title:	TECHNICAL DIRECTOR
42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail Address
(713) 252-1581		() -	

SECTION V: Authorized Signature

46. By my signature below, I certify, to the best of my knowledge, that the information provided in this form is true and complete, and that I have signature authority to submit this form on behalf of the entity specified in Section II, Field 6 and/or as required for the updates to the ID numbers identified in field 39.

Company:	LMA EXCHANGE #2, LLC	Job Title:	Vice President
Name (In Print):	Jim Cummins	Phone:	(713) 898-0863
Signature:		Date:	1/12/26

Type V Transfer Station Registration Application
Legacy Green Keough Recycling Center

Plain Language Summary – English



Texas Commission on Environmental Quality Plain Language Summary of Municipal Solid Waste Permit or Permit Amendment Application

Applicants are required by public notice rules in Title 30 Texas Administrative Code, Chapter 39, Section [39.405\(k\)](#)¹ to provide this summary of an application.

A. Purpose of the Proposed Facility

Legacy Green Keough Recycling Center will be operated as a Type V-Transfer Station, receiving non-putrescible solid waste, including construction and demolition debris and rubbish from municipal and commercial activities and recovers at least 10% recyclable.

B. Information About the Applicant

Name: LEGACY GREEN LLC

Applicant Type: Registration Application

Facility Name: Legacy Green Keough Recycling Center

Permit Application Number:

Customer Number (CN): 606424448

Regulated Entity Reference Number (RN): 112276753

C. Location of the Proposed Facility

Facility Address (or description of site location if no address):

9420 Keough Rd, Houston, TX 77040

Link to Map of Facility Location ([TCEQ Location Mapper](#)²): <https://arcg.is/1Wb0Ge1>

D. Information about Facility Operation

What types of waste would be received?

The Facility will receive non-putrescible solid waste, including construction and demolition debris and rubbish from municipal and commercial activities and recovers at least 10% recyclable. The non-recyclable material will be loaded for disposal at an approved off-site TCEQ permitted landfill within 50 miles of the Facility. The recyclables will be temporarily stockpiled pending shipping to recyclers.

What geographical area would the wastes come from?

The source of these waste streams shall be from residential and commercial construction and demolition sites within the counties included within the Houston-Galveston Area Council.

¹ www.tceq.texas.gov/goto/view-30tac

² www.tceq.texas.gov/gis/hb-610-viewer

What days and hours would the facility operate?

The Facility will receive and process waste at a maximum of 24 hours per day, 7 days per week. Hours of operation may vary slightly.

At what rate would wastes be accepted?

The maximum daily volume of incoming waste material is estimated to be approximately 1,150 tons per day.

How would wastes be managed?

In general, wastes will enter through the entrance on Gessner Road which will be unloaded onto the WSPS. Wastes will be sorted, with recyclable materials removed and placed in roll-off boxes located in designated areas within the WSPS. Non-recyclable materials will be repacked into roll-offs, dumpsters, or trailers in designated areas and transported by trucks to a permitted landfill for disposal.

E. Pollution Control Methods

What methods would the facility use for containing wastes and odors, and monitoring for releases?

The design capacity of the solid waste processing Facility will not be exceeded during operation. The Facility will not accumulate solid waste in quantities that cannot be processed within such a time as to avoid the creation of adverse conditions such as odors, insect breeding, or harborage of other vectors. If such accumulations occur, additional solid waste will not be received until the adverse conditions are abated. In the event that the Facility becomes inoperable for periods longer than 24 hours the Facility will restrict the receipt of solid waste to the Facility and the incoming waste stream will be diverted to another Type V Transfer Station registered with the state or sent to a permitted landfill for disposal.

What methods would the facility use or require for preventing litter or spills, and for cleanup of litter and spills?

Windblown waste and litter resulting from operation will be collected at least once per day to minimize unsightly conditions and fire hazards. Collection will cover one mile in radius in each direction along Gessner Road, except to the south. South of Gessner Road, waste and litter will be collected up to State Highway 290. Any noted waste materials that may have spilled from waste hauling vehicles traveling to the Facility will be cleaned up. The Maintenance and Administrative Supervisors will consult with the TxDOT concerning the clean-up of state highways and right-of-ways.

Type V Transfer Station Registration Application
Legacy Green Keough Recycling Center

Plain Language Summary – Spanish



Comisión de Calidad Ambiental de Texas

Resumen en lenguaje sencillo de la solicitud de permiso municipal de residuos sólidos o de modificación del permiso

Los solicitantes están obligados por las normas de notificación pública del Título 30 del Código Administrativo de Texas, Capítulo 39, Sección [39.405\(k\)](#)¹ a proporcionar este resumen de una solicitud.

A. Objetivo de la instalación propuesta

Legacy Green Keough Recycling Center ("Instalación") se operará como una estación de transferencia tipo V, recibiendo residuos sólidos no putrescibles, incluyendo escombros de construcción y demolición y basura de actividades municipales y comerciales, y recupera al menos un 10% de materiales reciclables.

B. Información sobre el solicitante

Nombre: Legacy Green LLC

Tipo de solicitante: Aplicación para Registro

Nombre de la instalación: Legacy Green Keough Recycling Center

Número de solicitud de permiso:

Número de cliente (CN): 606424448

Número de referencia de la entidad regulada (RN): 112276753

C. Ubicación de la instalación propuesta

Dirección del establecimiento (o descripción de la ubicación del sitio si no hay dirección):

9420 Keough Rd, Houston, TX 77040

Enlace al mapa de ubicación de las instalaciones en [TCEQ Location Mapper](#)²:

<https://arcg.is/1Wb0Ge1>

D. Información sobre el funcionamiento de las instalaciones

¿Qué tipos de residuos se recibirían?

La instalación recibirá residuos sólidos no putrescibles, incluidos escombros de construcción y demolición y basura de actividades municipales y comerciales. El material no reciclable será cargado para su disposición en un vertedero autorizado fuera del sitio a menos de 50 millas de la Instalación. Los reciclables serán acumulados temporalmente para enviarlos a los recicladores.

¿De qué zona geográfica procederían los residuos?

La fuente de estos flujos de residuos será de sitios residenciales y comerciales de construcción y demolición dentro de los condados incluidos en el Consejo del Área de Houston-Galveston.

¹ www.tceq.texas.gov/goto/view-30tac

² www.tceq.texas.gov/gis/hb-610-viewer

¿Qué días y horas funcionará la instalación?

La instalación recibirá y procesará residuos con un máximo de 24 horas al día, 7 días a la semana. El horario de operación puede variar ligeramente.

¿A qué ritmo se aceptarían los residuos?

El volumen máximo diario de material de desecho entrante es aproximadamente de 1,150 toneladas por día.

¿Cómo se gestionarían los residuos?

En general, los desechos ingresarán por la entrada en Gessner Road y serán descargados en el WSPS. Los desechos se clasificarán, retirando los materiales reciclables y colocándolos en contenedores tipo roll-off ubicados en áreas designadas dentro del WSPS. Los materiales no reciclables se volverán a empacar en contenedores tipo roll-off, en contenedores de basura, o en remolques en áreas designadas y serán transportados en camiones a un relleno sanitario autorizado para su disposición.

E. Métodos de control de la contaminación

¿Qué métodos utilizará la instalación para contener los residuos y los olores, y para controlar las emisiones?

La instalación no acumulará residuos sólidos en cantidades que no puedan ser procesadas en un tiempo tal que evite la creación de condiciones adversas como olores, cría de insectos o refugio de otros vectores. Si ocurren tales acumulaciones, no se recibirán residuos sólidos adicionales hasta que las condiciones adversas sean mitigadas. En el evento de que la instalación se vuelva inoperable por períodos mayores a 24 horas, la instalación restringirá la recepción de residuos sólidos a la instalación y el flujo de residuos entrantes será desviado a otra Estación de Transferencia Tipo V registrada con el estado o enviada a un vertedero autorizado para su disposición.

¿Qué métodos utilizaría o exigiría la instalación para evitar la basura o los derrames, y para la limpieza de la basura y los derrames?

Los residuos y la basura arrastrados por el viento resultantes de la operación serán recolectados al menos una vez al día para minimizar las condiciones antiestéticas y los peligros de incendio en Gessner Road, excepto hacia el sur. Al sur de Gessner Road, los desechos y la basura se recogerán hasta la carretera estatal 290. Cualquier material de desecho observado que pueda haberse derramado de los vehículos de transporte de residuos que viajan a la Instalación será limpiado. Los Supervisores de Mantenimiento y Administrativos consultarán con el TxDOT sobre la limpieza de las autopistas estatales y los derechos de paso.

Type V Transfer Station Registration Application
Legacy Green Keough Recycling Center

TCEQ Public Involvement Plan Form (Form-20960)



Texas Commission on Environmental Quality

Public Involvement Plan Form for Permit and Registration Applications

The Public Involvement Plan is intended to provide applicants and the agency with information about how public outreach will be accomplished for certain types of applications in certain geographical areas of the state. It is intended to apply to new activities; major changes at existing plants, facilities, and processes; and to activities which are likely to have significant interest from the public. This preliminary screening is designed to identify applications that will benefit from an initial assessment of the need for enhanced public outreach.

All applicable sections of this form should be completed and submitted with the permit or registration application. For instructions on how to complete this form, see TCEQ-20960-inst.

Section 1. Preliminary Screening

- New Permit or Registration Application
 New Activity - modification, registration, amendment, facility, etc. (see instructions)

If neither of the above boxes are checked, completion of the form is not required and does not need to be submitted.

Section 2. Secondary Screening

- Requires public notice,
 Considered to have significant public interest, and
 Located within any of the following geographical locations:

- Austin
- Dallas
- Fort Worth
- Houston
- San Antonio
- West Texas
- Texas Panhandle
- Along the Texas/Mexico Border
- Other geographical locations should be decided on a case-by-case basis

**If all the above boxes are not checked, a Public Involvement Plan is not necessary.
Stop after Section 2 and submit the form.**

- Public Involvement Plan not applicable to this application. Provide **brief** explanation.

Section 3. Application Information

Type of Application (check all that apply):

- Air Initial Federal Amendment Standard Permit Title V
- Waste Municipal Solid Waste Industrial and Hazardous Waste Scrap Tire
 Radioactive Material Licensing Underground Injection Control

Water Quality

- Texas Pollutant Discharge Elimination System (TPDES)
- Texas Land Application Permit (TLAP)
 - State Only Concentrated Animal Feeding Operation (CAFO)
 - Water Treatment Plant Residuals Disposal Permit
- Class B Biosolids Land Application Permit
- Domestic Septage Land Application Registration

Water Rights New Permit

- New Appropriation of Water
- New or existing reservoir

Amendment to an Existing Water Right

- Add a New Appropriation of Water
- Add a New or Existing Reservoir
- Major Amendment that could affect other water rights or the environment

Section 4. Plain Language Summary

Provide a brief description of planned activities.

The Legacy Green Keough Recycling Center ("Facility") will operated as a TCEQ Type V Transfer Station, receiving non-putrescible solid waste, including construction and demolition debris and rubbish from municipal and commercial activities and recovers at least 10% recyclable. The proposed Facility will occupy the entire 2.14-acre tract. The processing will occur on a covered constructed Waste Storage Processing Structure (WSPS) with open sides. The incoming solid waste will be manually sorted for recyclable and reusable materials. The Facility Operator may elect to install an elevated picking line and other waste processing equipment within the WSPS. The unusable/non-recyclable material will be loaded for disposal at an approved off-site TCEQ permitted solid waste landfill within 50 miles of the Facility. The recyclables will be temporarily stockpiled pending shipping to recyclers. No waste sorting or disposal operation will occur outside of the WSPS.

Section 5. Community and Demographic Information

Community information can be found using EPA's EJ Screen, U.S. Census Bureau information, or generally available demographic tools.

Information gathered in this section can assist with the determination of whether alternative language notice is necessary. Please provide the following information.

Houston

(City)

Harris

(County)

(Census Tract)

Please indicate which of these three is the level used for gathering the following information.

City

County

Census Tract

(a) Percent of people over 25 years of age who at least graduated from high school

83%

(b) Per capita income for population near the specified location

\$73,336

(c) Percent of minority population and percent of population by race within the specified location

White: 21%

Black or African: 11%

Asian: 4%

+

(d) Percent of Linguistically Isolated Households by language within the specified location

Spanish: 33.3%

Other Indo-European Language: 4.1%

Asian and Pacific Island Languages: 5.1 %

+

(e) Languages commonly spoken in area by percentage

English: 64.4%

Spanish: 29.2%

Other Indo-European Language: 2.4%

+

(f) Community and/or Stakeholder Groups

N/A

(g) Historic public interest or involvement

N/A

Section 6. Planned Public Outreach Activities

(a) Is this application subject to the public participation requirements of Title 30 Texas Administrative Code (30 TAC) Chapter 39?

Yes No

(b) If yes, do you intend at this time to provide public outreach other than what is required by rule?

Yes No

If Yes, please describe.

If you answered "yes" that this application is subject to 30 TAC Chapter 39, answering the remaining questions in Section 6 is not required.

(c) Will you provide notice of this application in alternative languages?

Yes No

Please refer to Section 5. If more than 5% of the population potentially affected by your application is Limited English Proficient, then you are required to provide notice in the alternative language.

If yes, how will you provide notice in alternative languages?

- Publish in alternative language newspaper
- Posted on Commissioner's Integrated Database Website
- Mailed by TCEQ's Office of the Chief Clerk
- Other (specify)

(d) Is there an opportunity for some type of public meeting, including after notice?

Yes No

(e) If a public meeting is held, will a translator be provided if requested?

Yes No

(f) Hard copies of the application will be available at the following (check all that apply):

- TCEQ Regional Office TCEQ Central Office
- Public Place (specify) Fairbanks Library, Houston, Texas

Section 7. Voluntary Submittal

For applicants voluntarily providing this Public Involvement Plan, who are not subject to formal public participation requirements.

Will you provide notice of this application, including notice in alternative languages?

Yes No

What types of notice will be provided?

- Publish in alternative language newspaper
- Posted on Commissioner's Integrated Database Website
- Mailed by TCEQ's Office of the Chief Clerk
- Other (specify)

Type V Transfer Station Registration Application
Legacy Green Keough Recycling Center

Regulatory Checklist

Administrative and Technical Review Checklist for Municipal Solid Waste (MSW) Permits, Registrations and Amendments

This checklist is designed to provide guidance for the Municipal Solid Waste (MSW) rules found in Title 30 Texas Administrative Code (30 TAC) Chapter 330, for Type I, IV and V registration, permit, and permit amendment applications. Areas of the checklist that are shaded in gray are for information purposes only.

Please fill out application information before selecting and filling out a checklist.

Applicant Information			
Company:	Legacy Green		
First name:	Austin	Last name:	Fatjo
Applicant Title:	President	Prefix:	
Street Address:	9420 Keough Rd		
City:	Houston	State:	TX
		Zip code:	77057
Applicant E-Mail:	[REDACTED]		
Consultant Information			
First name:	Gary	Last name:	Horwitch
Consultant Title:	Technical Director	Prefix:	
Consultant Firm:	Roux Associates, Inc.		
Consultant Address:	19450 State Highway 249, Suite 260		
City:	Houston	State:	TX
		Zip code:	77070
Consultant E-Mail:	[REDACTED]		
Application Information			
Facility Name:	Legacy Green Keough Recycling Facility		
Application Date			
CN:	606424448	MSW ID:	
RN:	112276753	Authorization Type:	Registration
County:	Harris	Application Type:	New Registration

ID	App. Part	Checklist Item	Item Type	Citation	Complete?	Location	Applicant Comments	Application Area
1	General	Submit all four parts of the permit, permit amendment or registration application	Required	330.57(a) & (b)	Yes	Included in Registration Application	Registration Application submittal of one original and three copies in 3-ring binders	Format-Application
2	General	Submit TCEQ Part I Form (Form No. 0650)	Required	330.57(c)(1)	Yes	Part I, Part I Application Form		Forms
8	General	Part II of the application contains location and coordination information.	Informational	330.57(c)(2)				Format-Application
9	General	Part III of the application contains design information	Informational	330.57(c)(3)				Format-Application
10	General	Part IV of the application contains the site operating plan	Informational	330.57(c)(4)				Format-Application
11	General	The application should address all aspects of application and design requirements, even to show why not applicable (N/A)	Informational	330.57(d)				Format-Application
12	General	Submit data of sufficient completeness, accuracy and clarity	Required	330.57(d)	Yes	Included in Registration Application		Format-Application
13	General	Failure to provide complete information may be cause for ED to return application.	Informational	330.57(d)				Format-Application
14	General	Provide 4 Copies for Initial Submittal (1 original and 3 copies)	Required	330.57(e)	Yes	Registration Application submittal of one original and three copies in 3-ring binders		Format-Application
15	General	Provide 4 copies for NOD Responses including 1 copy with marked revisions (redline/strikeout)	Required	330.57(g)(6)	Yes	Registration Application submittal of one original and three copies in 3-ring binders	This is initial submittal, with no NODs at this time.	Format-Application
16	General	Application must be prepared in accordance with Texas Occupations Code, Texas Engineering Practice Act, Chapter 1001 and Texas Geoscience Practice Act, Chapter 1002	Informational	330.57(f)		Included in Registration Application		Format-Application
17	General	Provide a PE signature, seal and date on the title page of each bound engineering report or individual engineering plan, and on each engineering drawing	Required	330.57(f)(1)	Yes	Included in Registration Application		Format-Application
18	General	Provide PG sign, seal, & date for applicable items	Required	330.57(f)(2)	Yes	NA no PG applicable items		Format-Application
19	General	Applications that are not sealed are incomplete and shall be returned	Informational	330.57(f)(3)		Included in Registration Application		Format-Application
20	General	Submit the application in three ring-binders	Required	330.57(g)(1)	Yes	Registration Application submittal of one original and three copies in 3-ring binders		Format-Application
21	General	Submit Title Page with Name, Application No., Site Operator Name, Operator Name (if applicable), Location, Date Prepared and Revision Date(s)	Required	330.57(g)(2)	Yes	Included in Registration Application		Format-Application
22	General	Provide Table of Contents with PE seal	Required	330.57(g)(3)	Yes	Included in Registration Application		Format-Application
23	General	Use 8.5x11 inch or 11x17 paper (folded to 8.5x11 inch)	Required	330.57(g)(4)	Yes	Included in Registration Application		Format-Application
24	General	Provide pages with date (original and revised) and sequential page numbers	Required	330.57(g)(5)	Yes	Included in Registration Application		Format-Application
25	General	Provide legible drawings/maps	Required	330.57(h)(1)	Yes	Included in Registration Application		Format-Maps/Drawings
26	General	Provide color coding on all figures and drawings that is legible and distinct after copying in black & white	Required	330.57(h)(2)	Yes	Included in Registration Application		Format-Maps/Drawings
27	General	Provide a standard engineering scale on each figure or drawing	Required	330.57(h)(3)	Yes	Included in Registration Application		Format-Maps/Drawings
28	General	Provide a dated title block on each figure or drawing	Required	330.57(h)(4)(A)	Yes	Included in Registration Application		Format-Maps/Drawings
29	General	Provide a bar scale at least 1 inch on all figures and drawings	Required	330.57(h)(4)(B)	Yes	Included in Registration Application		Format-Maps/Drawings
30	General	Provide a revision block on all figures and drawings	Required	330.57(h)(4)(C)	Yes	NA this is an initial submission, any revisions will include revision blocks.		Format-Maps/Drawings
31	General	Provide a PE or PG seal ,if required, on all figures and drawings	Required	330.57(h)(4)(D)	Yes	Included in Registration Application		Format-Maps/Drawings
32	General	Include drawing number and a page number on each drawing and figure	Required	330.57(h)(4)(E)	Yes	Included in Registration Application		Format-Maps/Drawings
33	General	Include a north arrow on each map or plan drawing	Required	330.57(h)(5)(A)	Yes	Included in Registration Application		Format-Maps/Drawings
34	General	Include a reference to base map & date of most current base map used, if the map is based upon another map	Required	330.57(h)(5)(B)	Yes	Included in Registration Application		Format-Maps/Drawings

ID	App. Part	Checklist Item	Item Type	Citation	Complete?	Location	Applicant Comments	Application Area
35	General	Include a legend on each map or plan drawing	Required	330.57(h)(5)(C)	Yes	Included in Registration Application		Format-Maps/Drawings
36	General	Provide match lines and section lines that reference the drawing where the match or section is shown.	Required	330.57(h)(6)	Yes	Included in Registration Application		Format-Maps/Drawings
37	General	Indicate that the registration is for an MSW transfer station facility that is used in the transfer of MSW to a solid waste processing or disposal facility from any of the following: a municipality with a population of less than 50,000; a county with a population of less than 85,000; a facility used in the transfer of MSW that transfers or will transfer 125 tons per day or less or a transfer station located within the permitted boundaries of an MSW Type I or Type IV facility	Required	330.9(b)(1) - (4)	Yes	NA		Application Eligibility
38	General	Provide a demonstration that the facility will recover 10% or more by weight or weight equivalent of the total incoming waste stream for reuse or recycling, ensure that the incoming waste has already been reduced by at least 10% through a source-separation recycling program; or, also operate one or more source-separation recycling programs in the county where the transfer station is located and those source-separation recycling programs manage a total weight or weight equivalent of recyclable materials equal to 10% or more by weight or weight equivalent of the incoming waste stream to all transfer stations to which credit is being applied	Required if Requested	330.9(f)(1)	Yes	Part I Report, Section 2.1		Application Eligibility
39	General	Provide a demonstration that the facility will transfer the remaining nonrecyclable waste to a landfill not more than 50 miles from the facility.	Required if Requested	330.9(f)(2)	Yes	Part I report, Section 2.1		Application Eligibility
45	General	Acknowledge that the construction and operation of the waste management facility shall comply with Subchapter U of 30 TAC Chapter 330 (relating to Standard Air Permits for Municipal Solid Waste Landfill Facilities and Transfer Stations) or other approved air authorizations. Owners or operators of these types of facilities should consult with the Air Permits Division on or before the date that the municipal solid waste application is filed with the executive director	Acknowledgement	330.55(a)	Yes	Part I Report, Section 2.3		Other Authorizations
46	General	Acknowledge that air inlets resulting from the operation of solid waste facilities shall be disposed of in a manner that will not cause surface water or groundwater pollution. Facilities shall provide for the treatment of wastewaters resulting from waste management activities and from cleaning and washing. Owners or operators shall ensure that storm water and wastewater management is in compliance with the regulations of the commission	Acknowledgement	330.55(a)	Yes	Part I Report, Section 2.3		Other Authorizations
49	General	It is the responsibility of an owner or operator to possess or acquire a sufficient interest in or right to the use of the surface estate of the property for which a permit is issued, including the access route. The granting of a permit does neither convey any property rights or interest in either real or personal property; nor does it authorize any injury to private property, invasion of personal rights, or impairment of previous contract rights; nor any infringement of federal, state, or local laws or regulations outside the scope of the authority under which a permit is issued	Informational	330.67(a)				General Information

ID	App. Part	Checklist Item	Item Type	Citation	Complete?	Location	Applicant Comments	Application Area
51	General	Executive director approval or a permit will be required if any on-site operations subsequent to closure of a landfill facility involve disturbing the cover or liner of the landfill.	Informational	330.67(c)				General Information
52	General	It is the responsibility of an owner or operator to obtain any permits or approvals that may be required by local agencies such as for building construction, discharge of uncontaminated waters into ditches under control of a drainage district, discharge of effluent into a local sanitary sewer system, etc.	Informational	330.67(d)				General Information
54	General	The owner or operator shall provide notice of the opportunity to request a public meeting and post notice signs for all registration applications not later than 45 days of the executive director's receipt of the application in accordance with the procedures contained in 30 TAC §39.501(c)	Informational	330.69(b)				General Information
55	General	The owner or operator and the commission shall hold a public meeting in the local area, prior to facility authorization, if a public meeting is required based on the criteria contained in 30 TAC §55.154(c) or by Texas Health and Safety Code, §361.111(c)	Informational	330.69(b)				General Information
56	General	Notice of a public meeting shall be provided as specified in §39.501(e)(3) and (4) of this title	Informational	330.69(b)				General Information
57	General	At the owner's or operator's expense, a sign or signs must be posted at the site of the proposed facility declaring that the application has been filed and stating the manner in which the commission and owner or operator may be contacted for further information. Such signs must be provided by the owner or operator and must substantially meet the requirements of 30 TAC §330.69(b)(1) - (3)	Informational	330.69(b)				General Information
58	General	At any time during the life of the facility the owner or operator becomes aware of any condition in the permit or registration that necessitates a change to accommodate new technology or improved methods or that makes it impractical to keep the facility in compliance, the owner or operator shall submit to the executive director requested changes to the permit or registration in accordance with 30 TAC §305.62 or §305.70 and must be approved prior to their implementation	Informational	330.73(a)				General Information
60	General	The owner or operator shall obtain and submit certification by a Texas-licensed professional engineer that the facility has been constructed as designed in accordance with the issued registration or permit and in general compliance with the regulations prior to initial operation. The owner or operator shall maintain that certification on site for inspection	Informational	330.73(d)				General Information
61	General	After all initial construction activity has been completed and prior to accepting any solid waste, the owner or operator shall contact the executive director and region office in writing and request a pre-opening inspection. A pre-opening inspection shall be conducted by the executive director within 14 days of notification by the owner or operator that all construction activities have been completed, accompanied by representatives of the owner or operator and the engineer	Informational	330.73(e)				General Information

ID	App. Part	Checklist Item	Item Type	Citation	Complete?	Location	Applicant Comments	Application Area
62	General	The MSW facility shall not accept solid waste until the executive director has confirmed in writing that all applicable submissions required by the permit or registration and this chapter have been received and found to be acceptable, and that construction is in compliance with the permit or registration and the approved site development plan. If the executive director has not provided a written or verbal response within 14 days of completion of the pre-opening inspection, the facility shall be considered approved for acceptance of waste.	Informational	330.73(f)				General Information
63	General	Identify if the Regulated Entity or Customer has any delinquent fees	Required	330.59(h), 330.671, 330.675	Yes	Part I Report, Section 2.4		Delinquent Fees
64	Part I	Provide a copy of the application, including all revisions and supplements on a publicly accessible Web site	Required in Part I Form	330.57(i)(1)				Part I Form
65	Part I	Provide the commission with the Web address link for the application materials	Required in Part I Form	330.57(i)(1)				Part I Form
66	Part I	Signature Page must have signature and notarization	Required in Part I Form	330.59(a)(1)				Part I Form
67	Part I	Applicant's name, mailing address & phone no.	Required in Part I Form	330.59(a)(1)				Part I Form
68	Part I	Description of the nature of the business	Required in Part I Form	330.59(a)(1)				Part I Form
69	Part I	Activities that require a permit (conducted at the facility)	Required in Part I Form	330.59(a)(1)				Part I Form
70	Part I	Location description, facility name & mailing address	Required in Part I Form	330.59(b)(1); 305.45(a)(1)				Part I Form
71	Part I	Access routes	Required in Part I Form	330.59(b)(2)				Part I Form
72	Part I	Lat. & Long. of the facility	Required in Part I Form	330.59(b)(3)				Part I Form
73	Part I	Lat. & Long. depicted	Required in Part I Form	330.59(c)(1)(A)				Part I Form
74	Part I	All maps should show the facility location	Required in Part I Form	305.45(a)(6)				Part I Form
76	Part I	All maps should show other structures or locations regarding the regulated facility and associated activities	Required in Part I Form	305.45(a)(6)				Part I Form
77	Part I	At least one map with a scale not less than 1 inch = 1 mile	Required in Part I Form	305.45(a)(6)				Part I Form
78	Part I	Permit/Registration boundary and 1 mile beyond to show the following:	Required in Part I Form	330.59(c)(1)(B)				Part I Form
79	Part I	Wells, springs, surface water bodies	Required in Part I Form	305.45(a)(6)(A)				Part I Form
80	Part I	Character of adjacent land including public roads, towns, development as residential, commercial, agricultural, etc.	Required in Part I Form	305.45(a)(6)(B)				Part I Form
81	Part I	Location of any waste disposal activities conducted on the tract but not included in the application	Required in Part I Form	305.45(a)(6)(C)				Part I Form
82	Part I	General location map, TXDOT, scale of ½ inch = 1 mile and most current map used	Required in Part I Form	330.59(c)(2)				Part I Form
83	Part I	Land Ownership Map, within ¼ mile & mineral interest ownership	Required in Part I Form	330.59(c)(3)(A)				Part I Form
84	Part I	Land Ownership List both in hardcopy and electronic form (alternatively pre-printed mailing labels)	Required in Part I Form	330.59(c)(3)(B)				Part I Form
85	Part I	Legal description of property or other documentation of ownership	Required in Part I Form	330.59(d)(1)(A)				Part I Form
86	Part I	If Platted; plat record with county, book, page number and acreage information	Required in Part I Form	330.59(d)(1)(B)				Part I Form
87	Part I	Signed, sealed and dated surveyed metes and bounds description of the facility	Required in Part I Form	330.59(d)(1)(C)				Part I Form
88	Part I	Signed & sealed metes & bounds drawing	Required in Part I Form	330.59(d)(1)(D)				Part I Form
89	Part I	Signed property owner affidavit	Required in Part I Form	330.59(d)(2)				Part I Form
90	Part I	Acknowledge that State may hold owner responsible	Required in Part I Form	330.59(d)(2)(A)				Part I Form
92	Part I	Acknowledge that the owner & State shall have access during life of the facility and during closure	Required in Part I Form	330.59(d)(2)(C)				Part I Form

ID	App. Part	Checklist Item	Item Type	Citation	Complete?	Location	Applicant Comments	Application Area
94	Part I	Verified legal status of applicant and list of persons with 20% or more ownership in the facility	Required in Part I Form	330.59(e)				Part I Form
95	Part I	Ownership status as federal, state, private, public, or other	Required in Part I Form	305.45(a)(2)				Part I Form
96	Part I	List of all Texas solid waste sites that the owner or operator has owned or operated within the last ten years. The site name, site type, permit or registration number, county, and dates of operation shall also be submitted	Required in Part I Form	330.59(f)(1)				Part I Form
97	Part I	List of all solid waste sites in all states, territories, or countries in which the owner or operator has a direct financial interest. The type of site shall be identified by location, operating dates, name, and address of the regulatory agency, and the name under which the site was operated	Required in Part I Form	330.59(f)(2)				Part I Form
98	Part I	Shall employ a licensed solid waste facility supervisor before operating	Required in Part I Form	330.59(f)(3)				Part I Form
99	Part I	Names of principals & supervisors owner or operators organization together with previous affiliations with other organizations involved with solid waste activities	Required in Part I Form	330.59(f)(4)				Part I Form
101	Part I	Signatory meets 305.44, documentation of delegated signatory authority	Required in Part I Form	330.59(g)				Part I Form
102	Part I	Corporations - signed by a corporate officer	Required in Part I Form					Part I Form
103	Part I	Partnership or proprietorship -signed by a general partner or proprietor	Required in Part I Form					Part I Form
104	Part I	Municipality, public agency -signed by an executive officer or elected official	Required in Part I Form					Part I Form
105	Part I	Signatory certification statement	Required in Part I Form					Part I Form
106	Part I	Hazardous Waste Management	Required in Part I Form	305.45(a)(7)(A)				Part I Form
107	Part I	Underground Injection Control	Required in Part I Form	305.45(a)(7)(B)				Part I Form
108	Part I	NPDES	Required in Part I Form	305.45(a)(7)(C)				Part I Form
109	Part I	Prevention of Significant Deterioration	Required in Part I Form	305.45(a)(7)(D)				Part I Form
110	Part I	Nonattainment Program	Required in Part I Form	305.45(a)(7)(E)				Part I Form
111	Part I	NESHAPS	Required in Part I Form	305.45(a)(7)(F)				Part I Form
112	Part I	Ocean dumping permit	Required in Part I Form	305.45(a)(7)(G)				Part I Form
113	Part I	Dredge & fill permit	Required in Part I Form	305.45(a)(7)(H)				Part I Form
114	Part I	Licenses under the TRCA	Required in Part I Form	305.45(a)(7)(I)				Part I Form
115	Part I	Other environmental permits	Required in Part I Form	305.45(a)(7)(K)				Part I Form
116	Part I	Registration Application Fee is \$150.00	Required in Part I Form	330.59(h)(1)				
117	Part I	A copy of the payment receipt to the MSW Permits Section, if paid by check.	Required in Part I Form	330.59(h)(1)				Part I Form
118	Part I	Prepared by PE, PG, or qualified person	Required in Part I Form	330.57(f)				Part I Form
119	Part I	Description of facility & systems	Required in Part I Form	305.45(a)(8)(A)				Part I Form
120	Part I	Volume, average & max rate of disposal for each place of disposal	Required in Part I Form	305.45(a)(8)(B)(i)				Part I Form
121	Part I	Physical, chemical, thermal, organic, bacteriological, radiological properties of waste	Required in Part I Form	305.45(a)(8)(B)(ii)				Part I Form
122	Part I	Other reasonable information	Required in Part I Form	305.45(a)(8)(C)				Part I Form
123	Part II	Provide the sources and characteristics of all waste to be accepted.	Required	330.61(b)(1)	Yes		Part II Report, Section 1.1	Waste Acceptance Plan
124	Part II	Specify parametric limitations of each type of waste to be managed by the facility	Required	330.61(b)(1)	Yes		Part II Report, Section 1.1	Waste Acceptance Plan

ID	App. Part	Checklist Item	Item Type	Citation	Complete?	Location	Applicant Comments	Application Area
125	Part II	Provide a brief description of the general sources and generation areas contributing wastes to the facility. This description shall include an estimate of the population or population equivalent served by the facility.	Required	330.61(b)(1)(A)	Yes	Part II Report, Section 1.2		Waste Acceptance Plan
126	Part II	Provide a descriptive narrative that describes the percentage of incoming waste that must be recovered and its intended use.	Required if Requested	330.61(b)(1)(A)	Yes	Part II Report, Section 1.2		Waste Acceptance Plan
127	Part II	Provide the maximum amount of solid waste to be received daily and annually projected for five years. Provide the maximum amount of solid waste to be stored and the maximum and average lengths of time that solid waste is to remain at the facility. Provide the intended destination of the solid waste received at this facility.	Required	330.61(b)(1)(B)	Yes	Part II Report, Section 1.2		Waste Acceptance Plan
129		Provide information to establish why a facility qualifies for a registration in accordance with 30 TAC §330.9	Required	330.61(b)(2)	Yes	Part II Report, Section 1.3		
130	Part II	Provide any site specific conditions that require special design considerations & possible mitigation of conditions identified under sections (h) - (o)	Required	330.61(a)	Yes	Part II Report, Section 2.0		Facility Impact
131	Part II	Provide information regarding the likely impacts of the facility on cities, communities, groups of property owners, or individuals.	Required	330.61(h)	Yes	Part II Report, Section 2.2		Facility Impact
132	Part II	Provide information on the compatibility of the facility with surrounding land use, zoning in the vicinity, community growth patterns, and other factors associated with the public interest.	Required	330.61(h)	Yes	Part II Report, Section 2.2.1		Facility Impact
133	Part II	Provide information on the character of surrounding land use within one mile	Required	330.61(h)(2)	Yes	Part II Report, Section 2.2.2		Existing Conditions
134	Part II	Provide information about the growth trends within five miles & directions of development	Required	330.61(h)(3)	Yes	Part II Report, Section 2.2.3		Existing Conditions
135	Part II	Indicate the proximity to residences & items listed in 330.61(c)(4) & (12), ~ no. of residences & commercial establishments including direct & distance to nearest, population density, all within one mile.	Required	330.61(h)(4)	Yes	Part II Report, Section 2.2.4		Existing Conditions
136	Part II	Indicate all wells and the well density within 500 ft.	Required	330.61(h)(5)	Yes	Part II Report, Section 2.2.5		Existing Conditions
137	Part II	Provide any other information requested by the ED	Required	330.61(h)(6)	Yes	Part II Report, Section 2.2.5.3		Existing Conditions
138	Part II	Provide data on availability & adequacy of access roads	Required	330.61(i)(1)	Yes	Part II Report, Section 2.3		Transportation
139	Part II	Provide the existing & expected traffic volumes on access roads within one mile of the facility during the expected life of the facility.	Required	330.61(i)(2)	Yes	Part II Report, Section 2.3, Figures II-6, II-6A, and II-6B		Transportation
140	Part II	Provide an estimate of traffic volume generated by the facility on access roads within one mile of the facility.	Required	330.61(i)(3)	Yes	Part II Report, Section 2.3		Transportation
141	Part II	Provide documentation of coordination for roadway improvements and documentation of coordination with TXDOT for traffic and location restrictions.	Required	330.61(i)(4)	Yes	Part II Report, Section 2.3 and Attachment IIB-1 Transportation Analysis		Transportation
146	Part II	Provide notice to the airport & the FAA for MSW units within 6 miles of a small airport or within 5 miles of a large commercial airport.	Required	330.545(b)	Yes	Part II Report, Section 2.4	There are no known airports within 6 miles of the facility	Transportation
148	Part II	Discuss in general terms the geology and soils of the proposed site.	Required	330.61(j)(1)	Yes	Part II Report, Section 2.5		Geology
152	Part II	Provide data on site specific groundwater conditions	Required	330.61(k)(1)	Yes	Part II Report, Section 2.6.1		Groundwater and Surface Water
153	Part II	Provide data on surface water at or near the site	Required	330.61(k)(2)	Yes	Part II Report, Section 2.6.2		Groundwater and Surface Water

ID	App. Part	Checklist Item	Item Type	Citation	Complete?	Location	Applicant Comments	Application Area
154	Part II	Provide information on how facility will comply with applicable Texas Pollutant Discharge Elimination System (TPDES) storm water permitting requirements and the Clean Water Act, §402, as amended. This may include the information requires by 30 TAC 330.61(k)(3)(A) & (B)	Required	330.61(k)(3)	Yes	Part II Report, Section 2.6.3		Groundwater and Surface Water
155	Part II	As applicable, provide a certification statement indicating the owner/operator will obtain the appropriate TPDES permit coverage when required	Required	330.61(k)(3)(A)	Yes	Part II Report, Section 2.6.4		Groundwater and Surface Water
156	Part II	As applicable, provide a copy of permit number under an individual wastewater permit	Required	330.61(k)(3)(B)	Yes	Part II, Section 2.6.5		Groundwater and Surface Water
157	Part II	Provide the location of any water wells.	Required	330.61(l)(1)	Yes	Part II Report, Section 2.7		Abandoned Oil and Water Wells
158	Part II	All water supply wells must be outside monitoring system or approved in the permit	Informational	330.61(l)(1)				Abandoned Oil and Water Wells
160	Part II	Provide the location of oil & gas wells production wells may remain if identified & don't disrupt operations	Required	330.61(l)(2)	Yes	Part II Report, Section 2.7 and Figure II-12		Abandoned Oil and Water Wells
161	Part II	Production wells may remain if identified & they do not disrupt facility operations	Informational	330.61(l)(2)				Abandoned Oil and Water Wells
162	Part II	Indicate if the facility is within the 100yr floodplain. If facility within a floodplain see location restrictions in 30 TAC Chapter 330 Subchapter M	Required	330.61(m)(1)	Yes	Part II Report, Section 2.8.1		Floodplains and Wetlands
165	Part II	Acknowledge that the construction and operation of the facility shall not result in the destruction or adverse modification of the critical habitat or cause or contribute to the taking of endangered or threatened species.	Acknowledgement	330.61(n)(1)	Yes	Part II Report, Section 2.9		Endangered Species
165	Part II	Acknowledge that the construction and operation of the facility shall not result in the destruction or adverse modification of the critical habitat or cause or contribute to the taking of endangered or threatened species. If the WWTP permit contains a coordination and a review letter from the United States Fish and Wildlife Service and the Texas Parks and Wildlife Department, the owner or operator shall submit these documents as an attachment/appendix to the registration application and by referencing where this information is addressed in the WWTP Permit and/or permit application.	Acknowledgement	330.61(n)(1)	Yes	Part II, Section 2.9 and Attachment IIB-4		Endangered Species
166	Part II	Provide a demonstration of whether facility is located within species range and provide a biological assessment.	Required	330.61(n)(2)	Yes	NA	This is not a landfill.	Endangered Species
166	Part II	Provide a demonstration of whether facility is located within species range and provide a biological assessment. If the WWTP permit contains a coordination and a review letter from the United States Fish and Wildlife Service and the Texas Parks and Wildlife Department, the owner or operator shall submit these documents as an attachment/appendix to the registration application and by referencing where this information is addressed in the WWTP Permit and/or permit application.	Required	330.61(n)(2)	Yes	NA	This is not a landfill.	Endangered Species
167	Part II	Provide documentation of compliance with Natural Resource Code, Chapter 191 (Texas Antiquities Code)	Required	330.61(o)	Yes	Part II Report, Section 2.10 and Attachment IIB-5		Historical Commission

ID	App. Part	Checklist Item	Item Type	Citation	Complete?	Location	Applicant Comments	Application Area
167	Part II	Provide documentation of compliance with Natural Resource Code, Chapter 191 (Texas Antiquities Code). If the WWTP permit contains coordination and a review letter from the Texas Historical Commission, the owner or operator shall submit these documents as an attachment/appendix to the registration application and by referencing where this information is addressed in the WWTP Permit and/or permit application.	Required	330.61(o)	Yes	Part II Report, Section 2.10 and Attachment IIB-5		Historical Commission
168	Part II	Provide documentation that Parts I and II of the application were submitted for review to the applicable council of governments for compliance with regional solid waste plans.	Required	330.61(p)	Yes	Part II Report, Section 2.11 and Attachment IIB-6		COG Review
169	Part II	Acknowledgement that the owner or operator requested a review letter from any local government, as appropriate for compliance with local solid waste plans. A review letter is not a prerequisite to a final determination on a permit or registration application.	Acknowledgement	330.61(p)	Yes	Part II Report, Section 2.11 and Attachment IIB-7		COG Review
170	Part II	Provide a constructed map showing boundary, zoning, & land use within one mile including info from 330.61(c)(4), (5), & (10) (schools, hospitals, etc.)	Required	330.61(g)	Yes	Figure II-7		Maps/Drawings
171	Part II	Provide the prevailing wind direction with a wind rose.	Required	330.61(c)(1)	Yes	Figure II-2		Maps/Drawings
172	Part II	Provide the location of all known water wells within 500 feet of the proposed permit boundary with the state well numbering system designation for Water Development Board "located wells".	Required	330.61(c)(2)	Yes	Figure II-3		Maps/Drawings
173	Part II	Provide the location of all structures and inhabitable buildings within 500 feet of the facility.	Required	330.61(c)(3)	Yes	Figure II-1		Maps/Drawings
174	Part II	Provide the location of all schools, licensed day-cares, churches, hospitals, cemeteries, ponds, lakes, residential, commercial, & recreational areas within one mile of the facility.	Required	330.61(c)(4)	Yes	Figures II-8 and II-8A		Maps/Drawings
175	Part II	Provide the location and surface type of roads used for access within one mile of the facility	Required	330.61(c)(5)	Yes	Figure II-5		Maps/Drawings
176	Part II	Provide the latitude & longitude of the facility	Required	330.61(c)(6)	Yes	Figure II-1		Maps/Drawings
177	Part II	Provide the location of all area streams	Required	330.61(c)(7)	Yes	Figure II-3		Maps/Drawings
178	Part II	Provide the location of all airports within six miles	Required	330.61(c)(8)	Yes	Figure II-10		Maps/Drawings
179	Part II	Indicate the property boundary of facility	Required	330.61(c)(9)	Yes	Figure II-1		Maps/Drawings
180	Part II	Indicate all drainage, pipeline, and utility easements within & adjacent to the facility	Required	330.61(c)(10)	Yes	Figure II-14		Maps/Drawings
181	Part II	Provide the location of all access control features	Required	330.61(c)(11)	Yes	Figure I-5		Maps/Drawings
182	Part II	Provide the location of all archaeological sites, historical sites, and sites with an aesthetic quality adjacent to the facility	Required	330.61(c)(12)	Yes	Part II Report, Section 2.10 and Figures II-8 and II-8A		Maps/Drawings
183	Part II	Provide a facility layout map	Required	330.61(d)	Yes	Figure II-15		Maps/Drawings
184	Part II	A set of maps may be provided	Informational	330.61(d)				Maps/Drawings
186	Part II	Provide the location of interior roads	Required	330.61(d)(2)	Yes	Figure II-5		Maps/Drawings
187	Part II	Indicate the location of monitor wells	Required	330.61(d)(3)	Yes	Figure II-3		Maps/Drawings
188	Part II	Provide the location of all facility buildings	Required	330.61(d)(4)	Yes	Figure II-15		Maps/Drawings
189	Part II	Provide notes on sequence of development	Required	330.61(d)(5)	Yes	Figure II-14 and Figure II-15		Maps/Drawings
190	Part II	Indicate the location of all facility fencing	Required	330.61(d)(6)	Yes	Figure II-14 and Figure II-15		Maps/Drawings
192	Part II	Indicate the location of site entrance roads	Required	330.61(d)(8)	Yes	Figure II-14 and Figure II-15		Maps/Drawings

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198	Part II	Provide a general topographic maps: USGS 7.5 minute or equivalent one map at scale 1 in. = 2,000 ft.	Required	330.61(e)	Yes	Figure I-4		Maps/Drawings
199	Part II	Provide Aerial Photograph(s) that are at least 9 in. by 9 in. at scale range of one inch = 1,667-3,334 ft. that covers an area at least one mile in radius of the site. Facility boundary and fill areas (as applicable) must be shown.	Required	330.61(f)	Yes	Figures II-9A through 9E		Maps/Drawings
200	Part II	A series of photos showing growth trends may be used	Informational	330.61(f)(2)				Maps/Drawings
201	Part II	All submitted prints & photocopies must be legible	Informational	330.61(f)(3)				Maps/Drawings
202	Part II	Provide zoning map within two miles and a copy of any nonconforming use or special permit required for the facility	Required	330.61(h)(1)	Yes	Part II Report, Section 2.2.1	The Facility is located in an unincorporated area of Harris County, therefore, there are no zoning restrictions.	Maps/Drawings
210	Part II	No solid waste disposal operations are permitted in the 100yr. floodway	Informational	330.547(a)				Floodplains and Wetlands
211	Part II	Demonstrate that, a facility located in 100 year flood plains, does not restrict the flow of the 100 yr. flood, reduce temporary storage capacity, or result in washout of solid waste so as to pose a hazard to human health and the environment	Required	330.547(b)	Yes	Part II Report, Section 2.8.2		Floodplains and Wetlands
212	Part II	Demonstrate that storage and processing facilities are located outside of the 100 year floodplain.	Required	330.547(c)	Yes	Part II Report, Section 2.8.3		Floodplains and Wetlands
213	Part II	For storage and processing facilities located within the 100 year floodplain, please provide a demonstration that the facility is designed to prevent washout during a 100 year storm event, or a conditional letter of map amendment from the Federal Emergency Management Administration administrator	Required	330.547(c)	Yes	NA		Floodplains and Wetlands
214	Part II	Acknowledge if the facility will be located in wetlands.	Acknowledgement	330.553(a) & (b)	Yes	Part II, Section 2.8.4	The Facility is not located in wetlands.	Floodplains and Wetlands
215	Part II	Demonstrate, if located within wetlands, that there is no practicable alternative location	Required	330.553(b)(1)	Yes	Part II, Section 2.8.4	The Facility is not located in wetlands.	Floodplains and Wetlands
216	Part II	Acknowledge that the facility's construction & operations shall not cause or contribute to violations of state water quality standards, violation of any applicable toxic effluent standard or prohibition under the Clean Water Act §307; jeopardize the continued existence of endangered or threatened species or result in the destruction or adverse modification of a critical habitat, protected under the Endangered Species Act of 1973, or violate any requirement under the Marine protection, Research, & Sanctuaries Act	Acknowledgement	330.553(b)(2)(A) - (D)	Yes	NA	This is not a landfill.	Floodplains and Wetlands
217	Part II	If wetlands are located within the facility, submit a demonstration for the integrity of landfill unit by addressing erosion, stability, & migration potential of native wetland soils, muds, and deposits used to support the landfill unit	Required	330.553(b)(3)(A)	Yes	NA	This is not a landfill.	Floodplains and Wetlands
218	Part II	If wetlands are located within the facility, submit a demonstration for the integrity of landfill unit by addressing erosion, stability, & migration potential of dredged and fill materials used to support the landfill	Required	330.553(b)(3)(B)	Yes	NA	This is not a landfill.	Floodplains and Wetlands
219	Part II	If wetlands are located within the facility, submit a demonstration for the integrity of landfill unit by addressing the volume and chemical nature of the waste managed in the landfill unit	Required	330.553(b)(3)(C)	Yes	NA	This is not a landfill.	Floodplains and Wetlands
220	Part II	If wetlands are located within the facility, submit a demonstration for the integrity of landfill unit by addressing the impacts on fish, wildlife, and other aquatic resources and their habitat for the release of solid waste	Required	330.553(b)(3)(D)	Yes	NA	This is not a landfill.	Floodplains and Wetlands

ID	App. Part	Checklist Item	Item Type	Citation	Complete?	Location	Applicant Comments	Application Area
221	Part II	If wetlands are located within the facility, submit a demonstration for the integrity of landfill unit by addressing the potential effects of catastrophic release of waste to the wetlands and the resulting impacts on the environment.	Required	330.553(b)(3)(E)	Yes	NA	This is not a landfill.	Floodplains and Wetlands
222	Part II	If wetlands are located within the facility, submit a demonstration for the integrity of landfill unit by addressing any additional factors, as necessary, to demonstrate that ecological resources in the wetland are sufficiently protected.	Required	330.553(b)(3)(F)	Yes	NA	This is not a landfill.	Floodplains and Wetlands
223	Part II	Sufficient information shall be provided to the ED to allow a reasonable determination to be made with respect to the demonstrations cited in 30 TAC §330.553(b).	Informational	330.553(b)(5)				Floodplains and Wetlands
224	Part II	Provide the steps taken to achieve no net loss of wetlands.	Required	330.553(b)(4)	Yes	NA	This is not a landfill.	Floodplains and Wetlands
225	Part II	Acknowledge that the operation of this facility shall not result in the destruction or adverse modification of the critical habitat of endangered or threatened species.	Acknowledgement	330.551(a)	Yes	Part II, Section 2.9		Endangered Species
226	Part II	The term "Harassing" means; An intentional or negligent act or omission that creates the likelihood of injury to wildlife.	Informational	330.551(b)(1)				Endangered Species
227	Part II	The term "Harming" means; An act of omission that actually injures or kills wildlife, including acts that annoy it to such an extent as to significantly disrupt essential behavioral patterns.	Informational	330.551(b)(2)				Endangered Species
228	Part II	The term "Taking" means; collecting an endangered or threatened species or attempting to engage in such conduct.	Informational	330.551(b)(3)				Endangered Species
229	Part II	Acknowledge that no solid waste unloading, storage, disposal, or processing operations shall occur within any easement, buffer zone, or right-of-way that crosses the facility.	Acknowledgement	330.543(a)	Yes	Part II Report, Section 2.12		Easements and Buffer Zone
268	Part II	Submit information for on-site local geologic or geomorphologic features.	Required	330.559(2)	Yes	NA	This is not a landfill.	Geology
269	Part II	Identify local human-made features or events.	Required	330.559(3)	Yes	NA	This is not a landfill.	Geology
270	Part III	Describe facility access control features.	Required	330.63(b)(1)	Yes	Part III Report, Section 2.1		General Facility Design
271	Part III	Submit a process design for the facility [that includes items 330.63(b)(2)(A) through 330.63(b)(2)(I)].	Required	330.63(b)(2)	Yes	Part III Report, Section 2.2		General Facility Design
272	Part III	Submit a flow diagram(s) to describe the storage, processing, and disposal sequences for each type of waste and/or	Required	330.63(b)(2)(A)	Yes	Figure III-1		General Facility Design
273	Part III	Submit a schematic view drawing(s) showing phases for collection, separation and processing/disposal of each type of waste and/or feedstock/recyclable material.	Required	330.63(b)(2)(B)	Yes	Figure III-2		General Facility Design
274	Part III	Provide ventilation & odor control measures for each unit.	Required	330.63(b)(2)(C)	Yes	Part III Report, Section 2.2.3		General Facility Design
275	Part III	Provide construction details of storage, processing units & components, dimensions, capacity, materials used, etc.	Required	330.63(b)(2)(D)	Yes	Part III Report, Section 2.2.4		General Facility Design
276	Part III	Provide performance data for all storage and processing units and ancillary equipment.	Required	330.63(b)(2)(D)	Yes	Part III Report, Section 2.2.4		General Facility Design
278	Part III	Submit location and engineering designs for containment of storage, processing and loading & unloading areas including freeboard.	Required	330.63(b)(2)(F)	Yes	Part III Report, Section 2.2.4		General Facility Design
279	Part III	Describe the storage and handling of grease, oil and sludge, including the maximum time waste will be on-site and details of ultimate disposition.	Required	330.63(b)(2)(G)	Yes	Part III, Section 2.2.5 indicates this section is not applicable.	There are no grease traps, grits, trap waste or septage.	General Facility Design
280	Part III	Provide details of effluent disposal.	Required	330.63(b)(2)(H)	Yes	Part III, Section 2.2.6		General Facility Design
281	Part III	Provide designs for noise pollution control.	Required	330.63(b)(2)(I)	Yes	Part III, Section 2.2.7		General Facility Design

ID	App. Part	Checklist Item	Item Type	Citation	Complete?	Location	Applicant Comments	Application Area
282	Part III	Describe how the processing areas will be designed for proper cleaning and to prevent surface water runoff onto, into, and off the treatment areas	Required	330.63(b)(3)(A)	Yes	Part III Report, Section 2.3.1		General Facility Design
283	Part III	Describe construction material used for walls and floors that can be hosed down and scrubbed	Required	330.63(b)(3)(B)	Yes	Part III Report, Section 2.3.2		General Facility Design
284	Part III	Describe water or steam connections and equipment for cleaning	Required	330.63(b)(3)(C)	Yes	Part III Report, Section 2.3.3		General Facility Design
285	Part III	Provide adequate floor drains and/or sumps	Required	330.63(b)(3)(D)	Yes	Part III Report, Section 2.3.4		General Facility Design
286	Part III	Describe proper disposal of liquids resulting from waste processing, cleaning, and washing and provide for the treatment of waste water	Required	330.63(b)(4)	Yes	Part III Report, Section 2.3.5		General Facility Design
287	Part III	Describe how facility will be designed to protect endangered species	Required	330.63(b)(5)	Yes	Part III Report, Section 2.4		General Facility Design
336	Part III	Submit if applicable, a floodplain development permit from any agency with jurisdiction over the proposed improvements	Required if Requested	330.63(c)(2)(D)(ii)	Yes	NA	This section is not applicable.	Surface Water Drainage Report
337	Part III	Submit if applicable a Conditional Letter of Map Amendment from FEMA	Required if Requested	330.63(c)(2)(D)(iii)	Yes	NA	This section is not applicable.	Surface Water Drainage Report
338	Part III	Submit if applicable, Corps of Engineers Section 404 Specification of Disposal Sites for Dredged or Fill Material permit for construction of all necessary improvements	Required if Requested	330.63(c)(2)(D)(iv)	Yes	NA	This section is not applicable.	Surface Water Drainage Report
339	Part III	Provide for storage & transfer units a description of design features for the rapid processing and minimum detention of solid waste at the facility	Required	330.63(d)(1)(A)	Yes	Part III Report, Section 4.1.1		Waste Management Unit Design
340	Part III	Provide design features for a facility to prevent the creation of nuisances or public health hazards	Required	330.63(d)(1)(A)	Yes	Part III Report, Section 4.1.1		Waste Management Unit Design
545	Part III	Indicate that a characterization of the contaminated groundwater, including concentrations of assessment constituents as defined in §330.409	Required	330.63(f)(7)(A)	Yes	NA	This is not a landfill.	Groundwater Sampling & Analysis Plan
701	Part III	Specify in the closure plan that the operator will begin closure no later than 30 days after final receipt of waste or no later than one year if the unit has remaining capacity and additional waste may be received	Required	330.457(f)(3)	Yes	NA	This is not a landfill.	Closure Plan
702	Part III	Provide for closure activities to be completed within 180 days of initiation	Required	330.457(f)(4)	Yes	NA	This is not a landfill.	Closure Plan
704	Part III	Acknowledge that following receipt of closure documents and the inspection report by the TCEQ region, the ED may acknowledge termination of operation & closure & deem the facility properly closed	Acknowledgement	330.457(f)(6)	Yes	NA	This is not a landfill.	Closure Plan
706	Part III	Indicate that notice of closure will be published in the newspaper of largest circulation 90 days prior to the initiation of a final facility closure. The notice shall provide the name, address, and physical location of the facility; the TCEQ authorization number; and the last date of intended receipt of waste.	Required	330.461(a)	Yes	Attachment IIIA, Section 2.1		Closure Plan
707	Part III	Acknowledge that notice of closure will be provided to the ED 90 days prior to the initiation of a final facility closure and that the owner or operator will also make available an adequate number of copies of the approved final closure and post-closure plans (if applicable) for public access and review	Acknowledgement	330.461(a)	Yes	Attachment IIIA, Section 2.1		Closure Plan
708	Part III	Acknowledge that least one closure sign will be posted at every point of access and notify all persons who utilize the facility of the date of closure and the prohibition against further receipt of waste materials.	Acknowledgement	330.461(b)	Yes	Attachment IIIA, Section 2.2		Closure Plan

ID	App. Part	Checklist Item	Item Type	Citation	Complete?	Location	Applicant Comments	Application Area
709	Part III	Indicate that suitable barriers will be installed at all access points to adequately prevent the unauthorized dumping of solid waste at the closed facility.	Required	330.461(b)	Yes	Attachment IIIA, Section 2.2		Closure Plan
710	Part III	Indicate that an Affidavit to the Public will be submitted to the ED by registered mail, if waste will remain onsite and indicate that The Owner or Operator will also record a certified notation on the deed to the facility property that the land has been used as a landfill and submit a certified copy of the modified deed to the ED.	Required if Requested	330.461(c)(1)	Yes	NA	No waste will remain onsite as the Facility is not a landfill.	Closure Plan
711	Part III	Acknowledge that a certification, signed by a P.E., will be provided within 10 days of final closure activities, verifying that final facility closure has been completed in accordance with the approved closure plan and will include all applicable documentation necessary for certification.	Acknowledgement	330.461(c)(2)	Yes	Attachment IIIA, Section 3.0		Closure Plan
713	Part III	The owner or operator may request permission from the ED to remove the notation from the deed if all wastes are removed from the facility.	Informational	330.461(d)				Closure Plan
714	Part III	Submit a closure plan for Storage and Processing units to remove all waste, waste residues, and any recovered materials. Units shall be dismantled and removed off-site or decontaminated.	Required	330.459(a)	Yes	Attachment IIIA, Section 2.3		Closure Plan For Processing Facilities
715	Part III	Provide plans for the evacuation of all material on-site to an authorized facility and the disinfecting of all contaminated water handling units, tipping areas, processing and post-processing areas (as applicable).	Required	330.459(b)	Yes	Attachment IIIA, Section 2.4		Closure Plan For Processing Facilities
716	Part III	Acknowledge that if there is evidence of a release, the ED may require an investigation, assessment, and or corrective action.	Acknowledgement	330.459(c)	Yes	Attachment IIIA, Section 2.5		Closure Plan For Processing Facilities
717	Part III	Submit a plan (if combustible material is stored outdoors) for closure of a recycling facility that includes collecting processed and unprocessed materials, and transporting the materials to an authorized facility for disposition.	Required	330.459(d)(1)	Yes	Attachment IIIA, Section 2.6		Closure Plan For Processing Facilities
718	Part III	Provide for the closure plan to be implemented (if combustible material is stored outdoors) and completed within 180 days following the most recent acceptance of processed or unprocessed materials.	Required	330.459(d)(2)	Yes	Attachment IIIA, Section 2.6		Closure Plan For Processing Facilities
737	Part III	Submit cost estimates for closure & post-closure. Existing facilities must submit a copy of the financial assurance documentation. New facilities must submit financial assurance within 60 days prior to receipt of waste.	Required	330.63(j)	Yes	Attachment IIIB, Section 1.2		Closure Cost Estimates
742	Part III	Provide cost estimates to close a Recycling facility that stores combustible materials outdoors.	Required	330.505(a)(1)	Yes	Attachment IIIB, Section 1.2.1		Closure Cost Estimates
743	Part III	Provide a closure cost estimate that equals the costs of closure of the facility, including disposition of the maximum inventories of all waste; processed and unprocessed combustible materials stored outdoors on site during the life of the facility.	Required	330.505(a)(2)(A)	Yes	Attachment IIIB, Section 1.2.2		Closure Cost Estimates
744	Part III	Provide a closure cost estimate that is based on the costs of hiring a third party that is not affiliated with the owner or operator; and is based on a per cubic yard and/or short ton measure for collection and disposition costs.	Required	330.505(a)(2)(B-C)	Yes	Attachment IIIB, Section 1.2.3		Closure Cost Estimates
745	Part III	Provide for the closure cost estimate & financial assurance to be increased if conditions change which increase the maximum cost of closure at any time during the active life of the facility.	Required	330.505(a)(3)	Yes	Attachment IIIB, Section 1.3.1		Closure Cost Estimates

ID	App. Part	Checklist Item	Item Type	Citation	Complete?	Location	Applicant Comments	Application Area
746	Part III	A reduction in the closure cost estimate and the amount of financial assurance may be approved if the cost estimate exceeds the maximum cost of closure at any time during the remaining life of the facility.	Required if Requested	330.505(a)(4)	Yes	Attachment IIIB, Section 1.3.2		Closure Cost Estimates
747	Part III	Provide for the maintenance of financial assurance for Recycling facilities that store combustible materials outdoors or that pose a risk	Required	330.505(b)(1)	Yes	Attachment IIIB, Section 1.3.4		Closure Cost Estimates
748	Part III	Provide for the maintenance of financial assurance until closure is approved by ED.	Required	330.505(b)(2)	Yes	Attachment IIIB, Section 1.3.3		Closure Cost Estimates
758	Part IV	A site operating plan shall cover all on-site units in accordance with Subchapters D & E of Chapter 330.	Informational	330.65(a)				Site Operating Plan
785	Part IV	Indicate that the facility will provide the reports required by 30 TAC §330.675 to the Executive Director	Required	330.675	Yes	Part IV Report, Section 1.1		Site Operating Plan
988	Part IV	Provide information identifying any permit required under the TPDES and any permit requirements imposed by other agencies for a grease, grit, & septage processing facility	Required	330.65(d)	Yes	Part IV, Section 1.2	There are no grease traps, grits, trap waste or septage.	Site Operating Plan
989	Part IV	Identify source & characteristics of wastes that will be received and Specify any limiting parameters that may influence the design and operation of the facility	Required	330.203(a)	Yes	Part IV Report, Section 2.1		Site Operating Plan
990	Part IV	Provide estimate of the amount of each waste to be received daily, max amount stored at any one time, max & average time waste will remain on-site, max & average processing time, intended destination of generated wastes, & description of how 10% will be recovered if applicable	Required	330.203(b)	Yes	Part IV Report, Section 2.2.1		Site Operating Plan
991	Part IV	Acknowledge that 10% recovery of material for beneficial use is considered to be the recovery of fats, oil, and greases, but does not include the recovery of water.	Acknowledgement	330.203(b)	Yes	Part IV, Section 2.2.3		Site Operating Plan
992	Part IV	Provide a description of the method of sampling and analysis for the effluent discharged to a trap, interceptor, or treatment facility permitted under Texas Water Code, Chapter 26. At a minimum, the method of sampling, the frequency of sampling, and the tests to be made shall be part of the sampling and analysis plan. All sampling and analysis shall be done according to approved United States Environmental Protection Agency (EPA) methods.	Required	330.203(c)(1)	Yes	NA	This is a type V transfer station.	Site Operating Plan
993	Part IV	Indicate that records of sampling analysis of wastes and effluent shall be maintained for a three-year period.	Required	330.203(c)(1)	Yes	NA	This is a type V transfer station.	Site Operating Plan
994	Part IV	Provide a sampling and analysis plan that includes at minimum analyses for benzene, lead, & TPH for waste received	Required	330.203(c)(2)	Yes	NA	This is a type V transfer station.	Site Operating Plan
995	Part IV	Provide for the annual analysis of grit trap wastes for BOD, TSS, benzene, TPH, & lead	Required	330.203(c)(2)	Yes	NA	There are no grease traps, grits, trap waste or septage.	Site Operating Plan
996	Part IV	Indicate that sludges to be landfilled must be analyzed annually for benzene, lead, & TPH.	Required	330.203(c)(2)	Yes	NA	There are no sludges.	Site Operating Plan
997	Part IV	Indicate that effluent must be analyzed annually for TPH, fats, oil & grease, & pH	Required	330.203(c)(2)	Yes	NA	There are no grease traps, grits, trap waste or septage.	Site Operating Plan
998	Part IV	Indicate if applicable that grit trap waste proposed to be accepted is solely from commercial car washes and not from other generators.	Required If Requested	330.9(g)	Yes	NA	There are no grease traps, grits, trap waste or septage.	Site Operating Plan
999	Part IV	Acknowledge that a report with supporting documentation shall be submitted on a quarterly basis to demonstrate at least 10% of the volume of the waste received was processed to recover solid material that was recycled or reused	Acknowledgement	330.9(g)(1)	Yes	Part IV Report, Section 2.2.3.1		Site Operating Plan

ID	App. Part	Checklist Item	Item Type	Citation	Complete?	Location	Applicant Comments	Application Area
1000	Part IV	Acknowledge that failure to achieve the relevant 10 percent recycling rate in any two quarters within any one-year period will cause a registration to terminate and will require the owner or operator of the facility to obtain a permit to continue facility operations.	Acknowledgement	330.9(g)(1)	Yes	Part IV Report, Section 2.2.3.1		Site Operating Plan
1001	Part IV	Provide for a quarterly report to be submitted that will include volume of waste received, percent solids, and the method of determining the percent solids, processed, disposed, and recycled or reused.	Required	330.9(g)(1)	Yes	Part IV Report, Section 2.2.3.1		Site Operating Plan
1002	Part IV	Provide in the quarterly report, the method(s) utilized to achieve at least 10% recycling or reuse of incoming material.	Required	330.9(g)(1)	Yes	Part IV Report, Section 2.2.3.1		Site Operating Plan
1003	Part IV	Submit a quarterly report that reconciles the volume of waste with the amounts on manifests, shipping documents, or trip tickets and indicate where the recyclable material was taken for recycling.	Required	330.9(g)(1)	Yes	Part IV Report, Section 2.2.3.1		Site Operating Plan
1004	Part IV	Acknowledge that the addition of any material such as lime, polymer, or flocculent added as part of the recycling process is not allowed to be considered as part of the 10% recovery of material from the waste stream and must be subtracted from the material considered as recycled.	Acknowledgement	330.9(g)(1)	Yes	Part IV Report, Section 2.2.3.1		Site Operating Plan
1005	Part IV	Acknowledge that diverting material from the waste stream without processing is not considered to be recycling as part of this activity.	Acknowledgement	330.9(g)(1)	Yes	Part IV Report, Section 2.2.3.1		Site Operating Plan
1006	Part IV	Provide the characteristics and constituent concentrations of wastes generated by the facility and indicate that documentation that all wastes leaving the facility can be adequately managed by other authorized facilities will be provided.	Required	330.205(a)	Yes	Part IV Report, Section 3.3.1		Site Operating Plan
1007	Part IV	Indicate that all wastes generated by a facility must be processed or disposed at an authorized solid waste management facility.	Required	330.205(b)	Yes	Part IV Report, Section 3.1.2		Site Operating Plan
1008	Part IV	Indicate that all wastewaters generated by a facility shall be managed as contaminated water in accordance with 330.207.	Required	330.205(c)	Yes	Part IV Report, Section 3.1.3		Site Operating Plan
1010	Part IV	Indicate that the facility shall be designed and operated to produce a sludge that is acceptable at municipal solid waste landfills and does not exceed standards specified in 30 TAC §330.205(d)	Required If Requested	330.205(d)	Yes	Part IV Report, Section 3.1.4 indicates this section is not applicable	There are no grease traps, grits, trap waste or septage.	Site Operating Plan
1011	Part IV	Indicate that sludges exceeding the limits shall not be disposed in municipal solid waste landfills and must be sent to an authorized facility for further processing or disposal as a hazardous waste, as appropriate or disposed in a municipal solid waste landfill with dedicated Class 1 industrial solid waste cells if the sludge is nonhazardous.	Required If Requested	330.205(d)	Yes	Part IV Report, Section 3.1.4 indicates this section is not applicable	There are no grease traps, grits, trap waste or septage.	Site Operating Plan
1012	Part IV	The owner or operator shall not discharge contaminated water without specific written authorization.	Informational	330.207(a)				Site Operating Plan
1013	Part IV	Provide a plan that describes how all liquids resulting from the operation of the facility shall be disposed of in a manner that will not cause surface water or groundwater pollution.	Required	330.207(a)	Yes	Part IV Report, Section 3.1.5		Site Operating Plan
1014	Part IV	Indicate that contaminated water shall be collected and contained until properly managed.	Required	330.207(b)	Yes	Part IV Report, Section 3.1.6		Site Operating Plan
1015	Part IV	Indicate that leachate shall be collected and contained until properly managed.	Required	330.207(b)	Yes	Part IV Report, Section 3.1.7 indicates this section is not applicable	No leachate generation.	Site Operating Plan
1016	Part IV	Indicate that collection units other than storage tanks shall have a clay or synthetic liner and the liner shall be constructed in accordance with 30 TAC §330.331(b)	Required If Requested	330.207(b)	Yes	Part IV Report, Section 3.1.7 indicates this section is not applicable	No leachate generation.	Site Operating Plan
1018	Part IV	Indicate that the use of leachate & gas condensate in mining process is prohibited.	Required	330.207(c)	Yes	NA	No leachate & gas condensate, no mining process.	Site Operating Plan

ID	App. Part	Checklist Item	Item Type	Citation	Complete?	Location	Applicant Comments	Application Area
1019	Part IV	Indicate that the facility will not discharge to a septic system	Required	330.207(d)	Yes	Part IV Report, Section 3.1.9		Site Operating Plan
1020	Part IV	Indicate that off-site discharge of contaminated waters shall be made only after approval under the Texas Pollutant Discharge Elimination System authority	Required	330.207(e)	Yes	Part IV Report, Section 3.1.10		Site Operating Plan
1021	Part IV	Acknowledge that wastewaters discharged to a facility permitted under Texas Water Code, Chapter 26 must not interfere with or pass-through the treatment facility processes or operations, interfere with or pass-through its sludge processes, use, or disposal or otherwise be inconsistent with the prohibited discharge standards, including 40 Code of Federal Regulations Part 403, General Pretreatment Regulations for Existing and New Source Pollution	Acknowledgement	330.207(f)(1)	Yes	Part IV Report, Section 3.1.11		Site Operating Plan
1022	Part IV	Indicate that the daily effluent design standard for oil and grease concentration leaving the facility and entering a public sewer system shall not exceed 200 milligrams per liter, the concentration established in the wastewater discharge permit pretreatment limit or the concentration established by the treatment facility permitted under Texas Water Code, Chapter 26, the National Pollutant Discharge Elimination System, or the limits established in 30 TAC §330.207, if the discharge points do not require compliance with locally set limits.	Required	330.207(g)	Yes	Part IV Report, Section 3.1.12 indicates this section is not applicable	There are no grease traps, grits, trap waste or septage.	Site Operating Plan
1023	Part IV	Indicate that lagoons, open-top storage tanks, open vessels, and underground storage units are prohibited at liquid waste transfer facilities	Required	330.207(h)	Yes	NA	No liquid waste will be accepted.	Site Operating Plan
1024	Part IV	Provide plans demonstrating that all waste shall be stored in such a manner that it does not constitute a fire, safety, or health hazard or provide food or harborage for animals and vectors, and shall be contained or bundled so as not to result in litter	Required	330.209(a)	Yes	Part IV Report, Section 3.2.1		Site Operating Plan
1025	Part IV	Provide a description of on-site storage area for source-separated or recyclable materials that is separate from a transfer station or process area and provides for the control of odors, vectors, and windblown waste	Required If Requested	330.209(b)	Yes	Part IV Report, Section 3.2.2		Site Operating Plan
1026	Part IV	Provide plans for process area of transfer stations that recover material from putrescible or liquid waste. Such plans shall provide for the storage of processed and unprocessed waste & recycled materials in enclosed buildings, vessels, or containers	Required If Requested	330.209(c)	Yes	Part IV Report, Section 3.2.3 indicates this section is not applicable		Site Operating Plan
1027	Part IV	Provide a plan that describes how all waste containing food wastes shall be stored in covered or closed containers that are leak-proof, durable, and designed for safe handling and easy cleaning	Required	330.211	Yes	Part IV Report, Section 3.3.1		Site Operating Plan
1028	Part IV	Indicate that nonreusable containers shall be of suitable strength to minimize vector scavenging or rupturing.	Required	330.211(1)	Yes	Part IV Report, Section 3.3.2		Site Operating Plan
1029	Part IV	Indicate that reusable containers must be maintained in a clean condition as not to constitute a nuisance, harbor, feed, and propagate vectors.	Required	330.211(2)	Yes	Part IV Report, Section 3.3.3		Site Operating Plan
1030	Part IV	Indicate that any containers emptied manually must be capable of being serviced without physical contact with waste.	Required	330.211(2)(A)	Yes	Part IV Report, Section 3.3.4		Site Operating Plan
1031	Part IV	Indicate that containers that are mechanically handled must be designed to prevent spillage/leakage during storage, handling, and transport.	Required	330.211(2)(B)	Yes	Part IV Report, Section 3.3.5		Site Operating Plan
1032	Part IV	Provide a plan that describes how a citizen's collection stations shall be operated in accordance with 30 TAC §330.213	Required If Requested	330.213(a)	Yes	Part IV Report, Section 3.4 indicates this section is not applicable	The Facility does not serve as a citizen's collection center.	Site Operating Plan

ID	App. Part	Checklist Item	Item Type	Citation	Complete?	Location	Applicant Comments	Application Area
1033	Part IV	Indicate that it is the responsibility of the person that owns or operates the collection center to provide for the collection of deposited waste on a scheduled basis and supervise the facility in order to maintain it in a sanitary condition.	Required If Requested	330.213(a)	Yes	Part IV Report, Section 3.4 indicates this section is not applicable	The Facility does not serve as a citizen's collection center.	Site Operating Plan
1034	Part IV	A citizen's collection station may accept sharps from single-family or multi-family dwellings, hotels, motels, or other establishments that provide lodging and related services for the public. The sharps will not be considered medical waste, as defined in 30 TAC §330.3	Required If Requested	330.213(b)	Yes	Part IV Report, Section 3.4	The Facility does not serve as a citizen's collection center.	Site Operating Plan
1035	Part IV	Provide operational standards for stationary compactors that describe how they will operated and maintained in such a way as not to create a public nuisance through material loss or spillage, odor, vector breeding or harborage, or other condition.	Required If Requested	330.215(1) and (2)	Yes	Part IV Report, Section 3.5	The Facility does not serve as a citizen's collection center.	Site Operating Plan
1036	Part IV	Indicate that a copy of the permit or registration, application, and any other plans or related documents, and as-built plans will be maintained in the site operating record and shall be made available for inspections by agency representatives or other interested parties.	Required	330.219(a)	Yes	Part IV Report, Section 4.1.1		Site Operating Plan
1037	Part IV	Indicate that operator shall record & retain location restriction demonstrations, inspection records, training procedures, closure plans, monitoring, testing, analytical data relating to closure, cost estimates, financial assurance documents, all correspondence, modification, approvals, manifests, shipping documents, tickets relating to special waste, & documents as specified by the executive director in the operating record.	Required	330.219(b)(1) - (7)	Yes	Part IV Report, Section 4.1.2		Site Operating Plan
1038	Part IV	Indicate that trip tickets will be maintained according to the record retention provisions in 30 TAC §312.145.	Required	330.219(b)(8)	Yes	Part IV Report, Section 4.1.2		Site Operating Plan
1039	Part IV	Indicate that recordkeeping provisions to justify, on a quarterly basis, that the relevant percentage of the incoming waste is processed to recover recycled products for applicable facilities, that failure to achieve the relevant percent recycling rate in any two quarters within any one-year period will cause a change in a facility's status and require the owner or operator of the facility to obtain a registration or permit, as appropriate, to continue facility operations and that the owner or operator shall submit an annual report to the executive director by March 1st summarizing the recycling activities and percent of incoming solid waste that was recycled during the past calendar year.	Required	330.219(b)(9)	Yes	Part IV Report, Table IV-2		Site Operating Plan
1040	Part IV	Indicate that all reports will be signed by a person who is a duly authorized as a signatory for reports. A person is duly authorized if authorized in writing by the owner or operator in accordance with 30 TAC §305.44(a) and the authorization specifies individual or position with responsibility and this written authorization is submitted to the executive director.	Required	330.219(c)(1)(A) - (C)	Yes	Part IV Report, Section 4.1.3		Site Operating Plan
1041	Part IV	Acknowledge that if the authorization to sign is not longer accurate a new authorization will be submitted.	Acknowledgement	330.219(c)(2)	Yes	Part IV Report, Section 4.1.4		Site Operating Plan
1042	Part IV	Indicate that any person signing a report shall make the certification in 305.44(b).	Required	330.219(c)(3)	Yes	Part IV Report, Section 4.1.5		Site Operating Plan
1043	Part IV	Indicate that the operator shall maintain records on-site, available for inspection by the executive director for a period consisting of the two most recent calendar years	Required	330.219(d)	Yes	NA	There will be no composting or landfill mining.	Site Operating Plan

ID	App. Part	Checklist Item	Item Type	Citation	Complete?	Location	Applicant Comments	Application Area
1045	Part IV	Indicate that the results of final product testing under 30 TAC §330.613 or §332.71 will be maintained in the site operating record	Required	330.219(d)(2)	Yes	NA	There will be no composting or landfill mining.	Site Operating Plan
1046	Part IV	Indicate that copies of annual reports will be maintained in the site operating record for 5yrs	Required	330.219(d)(3)	Yes	NA	There will be no composting or landfill mining.	Site Operating Plan
1047	Part IV	Indicate that the site operating record shall be furnished and available for inspection by executive director.	Required	330.219(e)	Yes	Part IV Report, Section 4.1.6		Site Operating Plan
1048	Part IV	Indicate that the operator shall retain site operating record for the life of the facility.	Required	330.219(f)	Yes	Part IV Report, Section 4.1.7		Site Operating Plan
1049	Part IV	Indicate that the executive director may set alternative recordkeeping & notification schedules	Required	330.219(g)	Yes	Part IV Report, Section 4.1.8		Site Operating Plan
1051	Part IV	Provide a fire protection plan that describes the source of fire protection (a local fire department, fire hydrants, fire extinguishers, water tanks, water well, etc.), procedures for using the fire protection source, and employee training and safety procedures. The fire protection plan shall comply with local fire codes	Required	330.221(c)	Yes	Part IV Report, Section 5.1		Site Operating Plan
1052	Part IV	Provide a description of the availability of water under pressure for firefighting purposes	Required	330.221(a)	Yes	Part IV Report, Section 5.1.2		Site Operating Plan
1053	Part IV	Provide a description of on-site firefighting equipment	Required	330.221(b)	Yes	Part IV Report, Section 5.1.3		Site Operating Plan
1054	Part IV	Indicate that all employees shall be trained in the contents and use of the fire protection plan	Required	330.221(c)	Yes	Part IV Report, Section 5.1.4		Site Operating Plan
1055	Part IV	Provide a description of the artificial barriers, natural barriers, or a combination of both, appropriate to protect human health and safety and the environment that are used to control access to the facility and indicate that uncontrolled access to the facility shall be prevented	Required	330.223(a)	Yes	Part IV Report, Section 5.2.1		Site Operating Plan
1056	Part IV	Provide a description of the, minimum two lane, access road from the public road and how it is designed for expected traffic volumes and adequate turning radii.	Required	330.223(b)	Yes	Part IV Report, Section 5.2.2		Site Operating Plan
1057	Part IV	Provide a description of vehicle parking for equipment, employees, and visitors. Indicate that safety bumpers at hoppers must be provided for vehicles. And provide a description of the positive means to control dust and mud	Required	330.223(b)	Yes	Part IV Report, Section 5.2.3		Site Operating Plan
1058	Part IV	Provide a description of perimeter control fencing that includes having lockable gates and attendant on site during operating hours. Operating and transport areas shall be enclosed by walls or fencing	Required	330.223(c)	Yes	Part IV Report, Section 5.2.4		Site Operating Plan
1059	Part IV	Provide a description of the unloading areas and indicate that unloading areas will be confined to as small an area as practical and be monitored by attendant.	Required	330.225(a)	Yes	Part IV Report, Section 5.3		Site Operating Plan
1060	Part IV	Provide a description of the signs & forced access lanes used to prevent indiscriminate dumping	Required	330.225(a)	Yes	Part IV Report, Section 5.3.1		Site Operating Plan
1061	Part IV	Indicate that the facility is not required to accept any solid waste that he/she determines will cause or may cause problems in maintaining full and continuous compliance	Required	330.225(a)	Yes	Part IV Report, Section 5.3.2		Site Operating Plan
1062	Part IV	Provide procedures to ensure that waste in unauthorized areas is removed immediately and disposed of properly.	Required	330.225(b)	Yes	Part IV Report, Section 5.3.3		Site Operating Plan
1063	Part IV	Provide procedures for the detection and prevention of the unloading of processing of prohibited wastes.	Required	330.225©	Yes	Part IV Report, Section 5.3.4		Site Operating Plan
1064	Part IV	Indicate that prohibited waste must be returned immediately to the transporter or generator.	Required	330.225(c)	Yes	Part IV Report, Section 5.3.5		Site Operating Plan

ID	App. Part	Checklist Item	Item Type	Citation	Complete?	Location	Applicant Comments	Application Area
1065	Part IV	Provide a description of how storage & processing areas are designed to control and contain worst case spill or release and will account for precipitation from a 25-year, 24-hour storm.	Required	330.227	Yes	Part IV Report, Section 5.4		Site Operating Plan
1066	Part IV	Specify the waste acceptance and facility operating hours	Required	330.229(a)	Yes	Part IV Report, Section 5.5.1		Site Operating Plan
1067	Part IV	The waste acceptance hours may be any time between the hours of 7:00 a.m. and 7:00 p.m., Monday through Friday, unless otherwise approved by the executive director or commission for a permit. The operating hours for operating heavy equipment and transporting materials on- or off-site may be any time between the hours of 5:00 a.m. and 9:00 p.m., Monday through Friday, unless otherwise approved in the authorization.	Required	330.229(a)	Yes	Part IV Report, Section 5.5.2		Site Operating Plan
1068	Part IV	Specify alternative operating hours of up to five days in a calendar year to accommodate special occasions, special purpose events, holidays, or other special occurrences	Required	330.229(b)	Yes	Part IV Report, Section 5.5.3		Site Operating Plan
1069	Part IV	Indicate that the facility will record in the site operating record the dates, times, and duration when any alternative operating hours are utilized.	Required	330.229(d)	Yes	Part IV Report, Section 5.5.4 indicates this section is not applicable		Site Operating Plan
1070	Part IV	Indicate that the commission's regional offices may allow additional temporary operating hours to address disaster or other emergency situations, or other unforeseen circumstances that could result in the disruption of waste management services in the area	Required	330.229(c)	Yes	Part IV Report, Section 5.5.5		Site Operating Plan
1071	Part IV	Indicate that a sign measuring at least 4' X 4' must be displayed at all entrances. Indicate that information on the sign must include the facility name and type, hours and days of operation, authorization number, and facility rules.	Required	330.231	Yes	Part IV Report, Section 5.6		Site Operating Plan
1072	Part IV	Indicate that windblown material and litter shall be collected as necessary, throughout the facility, along fences and access roads, and at the gate, at least once per day on days that the facility is in operation, to minimize unhealthy, unsafe, or unsightly conditions.	Required	330.233(a)	Yes	Part IV Report, Section 5.7.1		Site Operating Plan
1073	Part IV	Indicate the measures used to control windblown waste.	Required	330.233(a)(1)	Yes	Part IV Report, Section 5.7.2		Site Operating Plan
1074	Part IV	Provide a description of fence or screen used to minimize windblown waste if the facility is not completely enclosed.	Required	330.233(b)	Yes	Part IV Report, Section 5.7.3		Site Operating Plan
1075	Part IV	Provide procedures to encourage waste hauling vehicles to cover loads that may include posting signs, reporting offenders, and assessing surcharges.	Required	330.235	Yes	Part IV Report, Section 5.8		Site Operating Plan
1077	Part IV	Provide a description of all weather access roads at the facility and how the tracking of mud and debris onto public roadways will be minimized.	Required	330.237(a)	Yes	Part IV Report, Section 5.9		Site Operating Plan
1078	Part IV	Provide procedures use to ensure that dust from on-site and other access roadways shall not become a nuisance to surrounding areas and indicate that a water source and necessary equipment or other means of dust control shall be provided.	Required	330.237(b)	Yes	Part IV Report, Section 5.9.1		Site Operating Plan
1079	Part IV	Provide procedures to be used to maintain on site roads and minimize depressions, ruts, and potholes.	Required	330.237(c)	Yes	Part IV Report, Section 5.9.2		Site Operating Plan
1080	Part IV	Describe screening or other means used to prevent noise pollution & adverse visual impacts.	Required	330.239	Yes	Part IV Report, Section 5.10		Site Operating Plan
1081	Part IV	Provide procedures used to ensure that the design capacity of the facility shall not be exceeded and that waste will not be allowed to accumulate in quantities that create a nuisance, create odors, or harbor vectors.	Required	330.241(a)	Yes	Part IV Report, Section 5.11.1		Site Operating Plan

ID	App. Part	Checklist Item	Item Type	Citation	Complete?	Location	Applicant Comments	Application Area
1082	Part IV	Provide procedures that describe how unprocessed grease, grit, & septage will only be stored up to 72hrs.	Required	330.241(a)(1)	Yes	NA	There are no grease traps, grits, trap waste or septage.	Site Operating Plan
1083	Part IV	Provide procedures that provide for the restriction, diversion or removal of waste if the facility experiences a significant work stoppage.	Required	330.241(b)	Yes	Part IV Report, Section 5.11.2		Site Operating Plan
1084	Part IV	Provide an alternative processing/disposal procedures for when facility is inoperable for more than 24hrs.	Required	330.241(c)	Yes	Part IV Report, Section 5.11.3		Site Operating Plan
1085	Part IV	Provide procedures for washing down all working surfaces in contact with waste at least weekly or twice per week for facilities that operate continuously.	Required	330.243(a)	Yes	Part IV Report, Section 5.12.1		Site Operating Plan
1086	Part IV	Provide procedures to ensure that wash water shall not be allowed to accumulate without proper treatment.	Required	330.243(b)	Yes	Part IV Report, Section 5.12.2		Site Operating Plan
1087	Part IV	Provide procedures that demonstrate that wash water shall be collected & disposed of in an authorized manner.	Required	330.243(c)	Yes	Part IV Report, Section 5.12.3		Site Operating Plan
1088	Part IV	Acknowledge that air emissions from municipal solid waste facilities must not cause or contribute to a condition of air pollution as defined in the Texas Clean Air Act.	Acknowledgement	330.245(a)	Yes	Part IV Report, Section 5.13.1		Site Operating Plan
1090	Part IV	Provide a description of odor-retaining containers & vessels used to store liquid and solid waste	Required	330.245(c)	Yes	Part IV Report, Section 5.13.3		Site Operating Plan
1091	Part IV	Provide a description of how the facility has been designed and will be operated to provide adequate ventilation and prevent nuisance odors from leaving boundary of facility	Required	330.245(d)	Yes	Part IV Report, Section 5.13.4		Site Operating Plan
1092	Part IV	Indicate that air pollution emission capture & abatement equipment shall be cleaned and maintained per manufacturer's recommendations and as necessary so that the equipment efficiency can be adequately maintained	Required	330.245(e)	Yes	Part IV Report, Section 5.13.5		Site Operating Plan
1093	Part IV	Provide a description of the measures/equipment, in accordance with 30 TAC §330.245(f)(1) - (4), that will be used to control odor at the facility.	Required	330.245(f)(1) - (4)	Yes	Part IV Report, Section 5.13.6		Site Operating Plan
1094	Part IV	Indicate that the process areas that recover material from solid waste that contains putrescibles shall be maintained totally within an enclosed building and describe how openings to the process area shall be controlled to prevent releases of nuisance odors from leaving the property boundary of the facility.	Required	330.245(g)	Yes	Part IV Report, Section 5.13.7 indicates this section is not applicable		Site Operating Plan
1095	Part IV	Provide a description of how facility shall be designed to allow a minimal time of exposure of liquid waste to the air and minimize waste contact with air during unloading of liquid waste into the facility.	Required	330.245(h)	Yes	NA	No liquid waste will be accepted.	Site Operating Plan
1096	Part IV	Acknowledge that the reporting or emissions events shall be made in accordance with §101.201 of this title (relating to Emissions Event Reporting and Recordkeeping Requirements) and reporting of scheduled maintenance shall be made in accordance with §101.211 of this title (relating to Scheduled Maintenance, Startup, and Shutdown Reporting and Recordkeeping Requirements).	Acknowledgement	330.245(j)	Yes	Part IV Report, Section 5.13.8		Site Operating Plan
1097	Part IV	Provide procedures for the control of ponded water to avoid its becoming a nuisance and alleviate any objectionable odors	Required	330.245(k)	Yes	Part IV Report, Section 5.13.9		Site Operating Plan
1098	Part IV	Indicate that facility personnel will be trained in the appropriate sections of the facility's health and safety plan.	Required	330.247	Yes	Part IV Report, Section 6.0		Site Operating Plan
1099	Part IV	Indicate that the facility shall provide potable water and sanitary facilities for all employees and visitors.	Required	330.249	Yes	Part IV Report, Section 5.14		Site Operating Plan

Type V Transfer Station Registration Application, Part I
Legacy Green Keough Recycling Center

PART I - APPLICATION FORM

Part I Application Form (Form-0650)



Texas Commission on Environmental Quality

Part I Application Form for New Permit, Permit Amendment, or Registration for a Municipal Solid Waste Facility

Instructions for completing this Part I Application Form are provided in [TCEQ 00650-instr¹](#). Include a [Core Data Form \(TCEQ 10400\)²](#) with the application for the facility owner, and Core Data Forms for the operator and property owner if different from the facility owner. If you have questions, contact the Municipal Solid Waste (MSW) Permits Section by email to mswper@tceq.texas.gov, or by phone at 512-239-2335. Rules cited on this form are in Title 30 Texas Administrative Code (30 TAC) and may be viewed online at www.tceq.texas.gov/goto/view-30tac.

Application Tracking Information

Facility Regulated Entity Name³:
 Legacy Green Keough Recycling Center _____

Site Operator (Permittee or Registrant Name)⁴:
 Legacy Green LLC _____

MSW Authorization Number: _____

Initial Submission Date: 01/26/2026

Revision Date: _____

Application Data

1. Submission Type
<input checked="" type="checkbox"/> Initial Submission <input type="checkbox"/> Notice of Deficiency (NOD) Response

2. Authorization Type
<input type="checkbox"/> Permit <input checked="" type="checkbox"/> Registration

3. Application Type
<input type="checkbox"/> New Permit <input type="checkbox"/> Permit Major Amendment <input type="checkbox"/> Permit Limited Scope Major Amendment <input checked="" type="checkbox"/> New Registration

¹ www.tceq.texas.gov/downloads/permitting/waste-permits/msw/forms/00650-instr.pdf

² www.tceq.texas.gov/goto/coredata

³ Facility Regulated Entity Name must match the Regulated Entity Name indicated on the TCEQ Core Data Form.

⁴ Site Operator is defined in 30 TAC 330.3(148) as the holder of, or the applicant for, an authorization (or license) for a municipal solid waste facility.

4. Application Fee
Amount
<input type="checkbox"/> \$2,050—New Landfill Permits, and Landfill Permit Major Amendments Described in 30 TAC 305.62(j)(1)
<input checked="" type="checkbox"/> \$150—Other Permits, Permit Amendments, Limited Scope Major Amendments, and all Registrations
Payment Method
<input checked="" type="checkbox"/> Online through ePay portal www3.tceq.texas.gov/epay/ Enter ePay Trace Number: <u>582EA000706330</u>
<input type="checkbox"/> Check (send to TCEQ Financial Administration Division) Payor Name: _____ Check Number: _____

5. Electronic Versions of Application
TCEQ will publish electronic versions of the application online. Applicants must provide a clean copy of the administratively complete application and technically complete application. TCEQ will also publish electronic versions of NOD responses online.

6. Party Responsible for Publishing Notice
Indicate who will be responsible for publishing notice:
<input type="checkbox"/> Applicant <input type="checkbox"/> Agent in Service <input checked="" type="checkbox"/> Consultant
Contact Name: <u>Gary R. Horwitch, P.E.</u>
Title: <u>Technical Director; Roux Associates, Inc.</u>
Email Address: <u>[REDACTED]</u>

7. Alternative Language Notice
Use the Alternative Language Checklist on Public Notice Verification Form TCEQ-20244-Waste-NORI, TCEQ-20244-Waste-NAPD, or TCEQ-20244-Waste-NAORPM available at www.tceq.texas.gov/permitting/waste_permits/msw_permits/msw_notice.html to determine if an alternative language notice is required.
Is an alternative language notice required for this application?
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Indicate the alternative language: <u>Spanish</u>

8. Public Place for Copy of Application

Name of the Public Place: Fairbanks Library
Physical Address: 7122 Gessner Rd
City: Houston County: Harris State: TX Zip Code: 77040
Phone Number: 832-927-7890

9. Consolidated Permit Processing

Is this submittal part of a consolidated permit processing request, in accordance with 30 TAC Chapter 33?

Yes No

If "Yes", indicate the other TCEQ program authorizations requested:

10. Confidential Documents

Does the application contain confidential documents?

Yes No

If "Yes", reference the confidential documents in the application, but submit the confidential documents as an attachment in a separate binder marked "CONFIDENTIAL."

11. Permits and Construction Approvals

Mark the following table to indicate status of other permits or approvals.

Table 1. Permits and Construction Approvals.

Permit or Approval	Received	Pending	Not Applicable
Hazardous Waste Management Program under Texas Solid Waste Disposal Act			N/A
Underground Injection Control Program under Texas Injection Well Act			N/A
National Pollutant Discharge Elimination System Program under Clean Water Act; Waste Discharge Program under Texas Water Code, Chapter 26			N/A
Prevention of Significant Deterioration Program under Federal Clean Air Act (FCAA); Nonattainment Program under the FCAA			N/A
National Emission Standards for Hazardous Air Pollutants Preconstruction Approval under the FCAA			N/A
Ocean Dumping Permits under Marine Protection Research and Sanctuaries Act			N/A
Dredge or Fill Permits under Clean Water Act			N/A
Licenses under the Texas Radiation Control Act			N/A
Other (describe): TPDES General Stormwater Permit		Pending	
Other (describe): Air Permits By Rule (PBR)		Pending	

12. General Information About the Facility

Facility Regulated Entity Name:
 Legacy Green Keough Recycling Center

Contact Name: Austin Fatjo Title: President

MSW Authorization Number (if existing): _____

Regulated Entity Reference Number: **RN** 112276753

Physical or Street Address (if available): 9420 Keough Rd

City: Houston County: Harris State: TX Zip Code: 77040

Phone Number: 713-882-8850

Latitude (decimal degrees, six decimal places): 29.871602

Longitude (decimal degrees, six decimal places): -95.540163

Elevation (above mean sea level): N/A feet (benchmark elevation for landfills)

Description of facility location with respect to known or easily identifiable landmarks:

The facility is located near the intersection of U.S. Highway 290 and Beltway 8 in northwest Houston, Texas. It is located near the Fairbanks/North Houston area, a commercial and industrial corridor. Nearby identifiable landmarks include the Houston National Cemetery to the northeast and the Memorial Hermann Northwest Hospital approximately 5 miles southeast.

Access routes from the nearest United States or state highway to the facility:

Travel on U.S. Highway 290 West Bound, then take exit towards the Beltway 8 and turn right into Gessner Road, then travel north for approximately 0.3 miles. The Legacy Green Keough Recycling Center can be accessed via Gessner Road. Access via Keough Rd shall be limited exclusively to staff and visitor vehicles..

Coastal Management Program

Is the facility within the Coastal Management Program boundary?

Yes No

13. Facility Types

Facility types are described in 30 TAC [330.5\(a\)](#).

Indicate facility type (select all that apply):

- Type I Type IV Type V
 Type IAE Type IVAE Type VI

14. Activities Conducted at the Facility

- Storage Processing Disposal

15. Facility Waste Management Units

Check the box for each type of waste management unit proposed.

- | | |
|---|---|
| <input type="checkbox"/> Landfill Unit(s) | <input checked="" type="checkbox"/> Container(s) |
| <input type="checkbox"/> Incinerator(s) | <input checked="" type="checkbox"/> Roll-off Boxes |
| <input type="checkbox"/> Class 1 Landfill Unit(s) | <input type="checkbox"/> Surface Impoundment |
| <input type="checkbox"/> Process Tank(s) | <input type="checkbox"/> Autoclave(s) |
| <input type="checkbox"/> Storage Tank(s) | <input type="checkbox"/> Refrigeration Unit(s) |
| <input checked="" type="checkbox"/> Tipping Floor | <input type="checkbox"/> Mobile Processing Unit(s) |
| <input type="checkbox"/> Storage Area | <input type="checkbox"/> Compost Pile(s) or Vessel(s) |
| <input type="checkbox"/> Other (specify): | |

16. Description of Proposed Facility or Changes to Existing Facility

Provide a brief description of the proposed activities if application is for a new facility, or the proposed changes to an existing facility or permit conditions if the application is for an amendment.

The Legacy Green Keough Recycling Center ("Facility") will be operated as a Type V-Transfer Station, receiving non-putrescible solid waste, including construction and demolition debris and rubbish from municipal and commercial activities. The Facility will recover a minimum of 10% or more by weight of the incoming waste stream.

The proposed Facility will occupy the entire 2.14-acre tract. The processing will occur on a covered constructed Waste Storage Processing Structure (WSPS) with open sides. The incoming solid waste will be manually sorted for recyclable and reusable materials. The Operator may elect to add an elevated pickup line and other waste processing equipment within the WSPS. The unusable/non-recyclable material will be loaded for disposal at an approved off-site TCEQ permitted solid waste landfill within 50 miles of the Facility. The recyclables will be temporarily stockpiled pending shipping to recyclers. No waste sorting or disposal operation will occur outside of the WSPS.

17. Facility Contact Information

Site Operator (Permittee or Registrant)

Name: Legacy Green LLC
Customer Reference Number: **CN** 606424448
Contact Name: Austin Fatjo Title: President
Mailing Address: 9420 Keough Rd
City: Houston County: Harris State: TX Zip Code: 77040
Phone Number: 713-882-8850
Email Address: [REDACTED]

Operator (if different from Site Operator)

Name: _____
Customer Reference Number: **CN** _____
Contact Name: _____ Title: _____
Mailing Address: _____
City: _____ County: _____ State: _____ Zip Code: _____
Phone Number: _____
Email Address: _____

Consultant (if applicable)

Firm Name: Roux Associates, Inc.
Consultant Name: Roux Associates, Inc.
Texas Board of Professional Engineers Firm Registration Number: F-13676
Contact Name: Gary R. Horwitch, P.E. Title: Technical Director
Mailing Address: 19450 State Highway 249, Suite 260
City: Houston County: Harris State: TX Zip Code: 77070
Phone Number: (713) 252-1581
Email Address: [REDACTED]

Agent in Service (required for out-of-state applicants)

Name: _____
Mailing Address: _____
City: _____ County: _____ State: TX Zip Code: _____
Phone Number: _____
Email Address: _____

18. Facility Supervisor License

Indicate the level of Municipal Solid Waste Facility Supervisor license, as defined in 30 TAC Chapter 30, Occupational Licenses and Registrations, Subchapter F that the individual who supervises or manages the operations will obtain prior to commencing operations.

Class A Supervisor License Class B Supervisor License

19. Facility Ownership

Facility Owner

Does the Site Operator (Permittee or Registrant) own all the facility units and all the facility property?

Yes No

If "No", provide the following information for the other owner, and include a Core Data Form for the other owner. Attach supplemental sheet if more than one other owner.

Other Owner Name: LMA EXCHANGE #2, LLC

What is Owned: Facility Units Property

Other (describe): _____

Mailing Address: 303 W. Wall St, Suite 2400

City: Midland County: Midland State: TX Zip Code: 79701

Phone Number: 713-898-0863

Email Address: [REDACTED]

20. Other Government Entities Information

Texas Department of Transportation

District: 12

District Engineer's Name: Glenn Allbritton

Mailing Address: 7600 Washington Ave.

City: Houston County: Harris State: TX Zip Code: 77007

Phone Number: 713-802-5000

Email Address: N/A

Local Government Authority Responsible for Road Maintenance (if applicable)

Government or Agency Name: Houston Public Works

Contact Person's Name: _____

Mailing Address: 611 Walker St

City: Houston County: Harris State: TX Zip Code: 77002

Phone Number: 713-371-1400

Email Address: [REDACTED]

City Mayor Information

City Mayor's Name: John Whitmire
Mailing Address: P.O. Box 1562
City: Houston County: Harris State: TX Zip Code: 77251
Phone Number: 713-837-0311
Email Address: [REDACTED]

City Health Authority

Authority Name: Houston Health Department
Contact Person's Name: Tucker Wilson
Contact Person's Title: Chief Communications Officer
Mailing Address: 8000 N Stadium Dr
City: Houston County: Harris State: TX Zip Code: 77054
Phone Number: 832-393-5045
Email Address: [REDACTED]

County Judge Information

County Judge's Name: Lina Hidalgo
Mailing Address: 1001 Preston, Suite 911
City: Houston County: Harris State: TX Zip Code: 77002
Phone Number: 713-247-7000
Email Address: [REDACTED]

County Health Authority

Agency Name: Harris County Public Health
Contact Person's Name: _____
Contact Person's Title: _____
Mailing Address: 1111 Fannin Street
City: Houston County: Harris State: TX Zip Code: 77002
Phone Number: 713-439-6000
Email Address: [REDACTED]

State Representative Information

House District Number: 148
State Representative's Name: Penny Shaw
District Office Mailing Address: 10900 Northwest Freeway, Suite 210 D
City: Houston County: Harris State: TX Zip Code: 77092
Phone Number: 713-861-6721
Email Address: [REDACTED]

State Senator Information

District Number: 3
State Senator's Name: Robert Nichols
District Office Mailing Address: 329 Neches Street
City: Jacksonville County: Cherokee State: TX Zip Code: 75766
Phone Number: 903-589-3003
Email Address: _____

Council of Governments (COG)

COG Name: Houston-Galveston Area Council
COG Representative's Name: Erin Livingston
COG Representative's Title: Solid Waste Management Program
Mailing Address: 3555 Timmons Ln
City: Houston County: Harris State: TX Zip Code: 77027
Phone Number: 832-681-2525
Email Address: [REDACTED]

River Basin Authority

Authority Name: San Jacinto River Authority
Contact Person's Name: Heather Ramsey
Watershed Sub-Basin Name: White Oak Bayou
Mailing Address: P.O. Box 329
City: Conroe County: Montgomery State: TX Zip Code: 77305
Phone Number: 936-525-7567
Email Address: [REDACTED]

Local Drainage or Flood Management Authority

Authority Name: Harris County Flood Control District
Contact Person's Name: _____
Mailing Address: 9900 Northwest Freeway
City: Houston County: Harris State: TX Zip Code: 77092
Phone Number: 346-286-4000
Email Address: _____

U.S. Army Corps of Engineers District

Indicate the U.S. Army Corps of Engineers district in which the facility is located:

- Albuquerque, NM
- Galveston, TX
- Fort Worth, TX
- Tulsa, OK

PAGE REVISION DATE: _____

Local Government Jurisdiction

Within City Limits of: N/A

Within Extraterritorial Jurisdiction of: Houston

Is the facility located in an area in which the governing body of the municipality or county has prohibited the storage, processing, or disposal of municipal or industrial solid waste?

Yes No

If "Yes", provide a copy of the ordinance as an attachment.

Applicant Signature Page

Site Operator (Permittee or Registrant Name) or Authorized Signatory

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Name: Austin Fatjo Title: President

Email Address: [REDACTED]

Signature: [Handwritten Signature] Date: 1/16/2026

Authorization by Facility Owner for Operator to Submit Application

To be completed by the facility owner if the application is submitted by an operator who is not the facility owner.

I am the owner of the facility that is the subject of this application, and authorize the operator, Legacy Green LLC to submit this application pursuant to 30 TAC 305.43(c).

Name: Jim Cummins Title: Vice President

Email Address: [REDACTED]

Signature: _____ Date: _____

Notary

SUBSCRIBED AND SWORN to before me by the said Austin Fatjo

On this 16 day of Jan, 26

My commission expires on the 21 day of June, 29

[Handwritten Signature]
Notary Public in and for HARRIS COUNTY,

STATE OF TEXAS (notary's jurisdiction, including county and state)



Note: Application Must Bear Signature & Seal of Notary Public

Applicant Signature Page

Site Operator (Permittee or Registrant Name) or Authorized Signatory

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Name: Austin Fatjo Title: President

Email Address: [Redacted]

Signature: _____ Date: _____

Authorization by Facility Owner for Operator to Submit Application

To be completed by the facility owner if the application is submitted by an operator who is not the facility owner.

I am the owner of the facility that is the subject of this application, and authorize the operator, Legacy Green LLC to submit this application pursuant to 30 TAC 305.43(c).

Name: Jim Cummins Title: Vice President

Email Address: [Redacted]

Signature: [Handwritten Signature] Date: 1/12/26

Notary

SUBSCRIBED AND SWORN to before me by the said Jim Cummins

On this 12th day of Jan., 2026

My commission expires on the 27th day of Jan., 2028

Brenda Lyn Crump
Notary Public in and for

Harris County, TX (notary's jurisdiction, including county and state)

Note: Application Must Bear Signature & Seal of Notary Public



Property Owner Affidavit

Property Owner Affidavit for Landfill Facility

I acknowledge in accordance with 30 TAC 330.59(d)(2) that the State of Texas may hold me either jointly or severally responsible for the operation, maintenance, and closure and post-closure care of the facility. For a facility where waste will remain after closure, I acknowledge that I have a responsibility to file with the county deed records an affidavit to the public advising that the land will be used for a solid waste facility prior to the time that the facility actually begins operating as a municipal solid waste landfill facility, and to file a final recording upon completion of disposal operations and closure of the landfill units according to 30 TAC 330.19 (relating to Deed Recordation). I further acknowledge that the facility owner or operator and the State of Texas shall have access to the property during the active life and post-closure care period for the purpose of inspection and maintenance.

Name: _____

Email Address: _____

Signature: _____ Date: _____

Property Owner Affidavit for Processing Facility

I acknowledge in accordance with 30 TAC 330.59(d)(2) that the State of Texas may hold me either jointly or severally responsible for the operation, maintenance, and closure of the facility. I further acknowledge that the facility owner or operator and the State of Texas shall have access to the property during the active life and post-closure care period for the purpose of inspection and maintenance.

Name: Jim Cummins

Email Address: _____

Signature: [Handwritten Signature] Date: 1/12/26

Notary

SUBSCRIBED AND SWORN to before me by the said Jim Cummins

On this 12th day of Jan., 2026

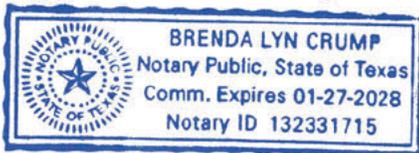
My commission expires on the 27th day of Jan., 2028

Brenda Lynn Crump

Notary Public in and for

Harris County, TX (notary's jurisdiction, including county and state)

Note: Application Must Bear Signature & Seal of Notary Public



Part I Attachments

Refer to instruction document [TCEQ 00650-instr⁵](#) for professional engineer seal requirements.

Attachments Table 1. Required attachments.

Required Attachments	Attachment Number
Supplementary Technical Report [30 TAC 305.45(a)(8)]	Part 1 Report
Property Legal Description [30 TAC 330.59(d)(1)]	Attachment IB
Property Metes and Bounds Description [30 TAC 330.59(d)(1)]	Attachment IB
Facility Legal Description [30 TAC 330.59(d)(1)]	Attachment IB
Facility Metes and Bounds Description [30 TAC 330.59(d)(1)]	Attachment IB
Metes and Bounds Drawings [30 TAC 330.59(d)(1)]	Attachment IB
On-Site Easements Drawing [30 TAC 330.61(c)(10)]	Attachment IB
Land Ownership Map [30 TAC 330.59(c)(3)]	Attachment IA
Landowners List [30 TAC 330.59(c)(3)]	Attachment IA
Mailing Labels (in electronic file, in Avery 5160 format; see instructions) [30 TAC 281.5(7)]	Attachment IA
General Location Maps [30 TAC 330.59(c)(2)]	Figure I-1
Texas Department of Transportation (TxDOT) County Map [30 TAC 330.59(c)(2)]	Figure I-2
General Topographic Maps [30 TAC 330.61(e)]	Figure I-4
Verification of Legal Status / Legal Authority (certificate of incorporation) [30 TAC 281.5 and 330.59(e)]	Attachment IC
Evidence of Competency [30 TAC 330.59(f)]	Part 1 Report
Signatory Authority Documentation [30 TAC 305.44 and 330.59(g)]	Attachment ID
TCEQ Core Data Form(s) TCEQ-10400⁶ [30 TAC 281.5(7)]	with Cover Letter

⁵ www.tceq.texas.gov/downloads/permitting/waste-permits/msw/forms/00650-instr.pdf

⁶ www.tceq.texas.gov/permitting/central_registry/guidance.html

Attachments Table 2. Additional attachments as applicable.

Additional Attachments (select all that apply and add others as needed)	Attachment Number
<input checked="" type="checkbox"/> Plain Language Summary Form TCEQ-20947 ⁷ [30 TAC 39.405(k)]	with Cover Letter
<input checked="" type="checkbox"/> Public Involvement Plan Form TCEQ-20960 ⁸	with Cover Letter
<input checked="" type="checkbox"/> Fee Payment Receipt	Attachment IE
<input type="checkbox"/> Confidential Documents	N/A
<input type="checkbox"/> Waste Storage, Processing and Disposal Ordinances [Texas Health and Safety Code, Section 363.112 ⁹]	N/A
<input type="checkbox"/> Final Plat Record of Property Description [30 TAC 330.59(d)(1)(B)]	N/A
Other (describe):	
Other (describe):	
Other (describe):	

⁷ www.tceq.texas.gov/downloads/permitting/waste-permits/msw/forms/20947-instr.pdf

⁸ www.tceq.texas.gov/downloads/agency/decisions/hearings/environmental-equity/pip-form-tceq-20960.pdf
www.tceq.texas.gov/downloads/agency/decisions/hearings/environmental-equity/instructions-for-pip-form-tceq-20960.pdf

⁹ statutes.capitol.texas.gov/Docs/HS/htm/HS.363.htm#363.112

Type V Transfer Station Registration Application, Part I
Legacy Green Keough Recycling Center

Part I Report



Type V Transfer Station Registration Application, Part I Report

Legacy Green Keough Recycling Center
Houston, Harris County, Texas

Prepared for:

Legacy Green LLC
9420 Keough Rd
Houston, Texas 77040

Prepared by:

Roux Associates, Inc.
Texas Registered Engineering Firm F-13676
19450 State Highway 249, Suite 260
Houston, Texas 77070

INTENDED FOR PERMITTING PURPOSES ONLY

JANUARY 2026



Table of Contents

- 1. Purpose of the Application 1
- 2. Supplementary Technical Report 30 TAC §305.45(a)(8)..... 2
 - 2.1 Facilities and Systems 30 TAC §305.45(a)(8)(A), 30 TAC §330.9(f)(1) - (2) 2
 - 2.2 Waste Volume and Rate 30 TAC §305.45(a)(8)(B) 2
 - 2.3 Other Authorizations 30 TAC §330.55(a) 2
 - 2.4 Delinquent Fees 30 TAC §330.59(h), 330.671, 330.675..... 3
- 3. Facility Location 30 TAC §330.59(b)(1-3)..... 4
- 4. Maps 30 TAC §330.59(c)(1-3)..... 5
 - 4.1 General Location Maps 5
 - 4.2 Land Ownership Map 5
 - 4.3 Other Maps 5
- 5. Property Owner and Operator Information 30 TAC §330.59(d)..... 6
 - 5.1 Legal Description 30 TAC §330.59(d)(1)..... 6
 - 5.1.1 Easements..... 6
 - 5.2 Property Owner Affidavit 30 TAC §330.59(d)(2)..... 6
 - 5.3 Legal Authority 30 TAC §330.59(e) 6
 - 5.4 Ownership Status 30 TAC §330.45(a)(2) 6
- 6. Evidence of Competency 30 TAC §330.59(f) 7
 - 6.1 Solid Waste Facility Operation 30 TAC §330.59(f)(1-2) 7
 - 6.2 Management and Personnel 30 TAC §330.59(f)(3-4) 7
 - 6.3 Equipment 30 TAC §330.59(f)(5-6) 7
- 7. Application 8
 - 7.1 Appointments 30 TAC §330.59(g) 8
 - 7.2 Existing Permits & Authorizations 30 TAC §330.45(a)(7)..... 8
 - 7.3 Application Fees 30 TAC §330.59(h)..... 9

Tables

- Table I-1 TCEQ Permitted Landfill for Waste Disposal 2
- Table I-2 Existing Permits & Authorizations 7

Figures

- Figure I-1 General Location Map
- Figure I-2 Site Location Map
- Figure I-3 2025 Aerial Photograph



Table of Contents (Cont'd)

Figure I-4A	General Topographic Map
Figure I-4B	Site Topographic Survey Map
Figure I-5	Drainage, Pipeline, Access and Utility Easement Location Map

Attachments

Attachment IA	Land Ownership
IA-1	Land Ownership List
IA-2	Figure IA-1 Land Ownership Map
IA-3	Mailing Labels – Pre-Printed
Attachment IB	Legal Description & Registration Boundary
	Exhibit Plat of Registration Boundary Survey
Attachment IC	Legal Authority
Attachment ID	Appointments
Attachment IE	Application Fee Payment



1. Purpose of the Application

The purpose of this Registration Application (“RA”) is to register a new Type V Legacy Green Keough Recycling Center (“Facility” or “Site”) located in Harris County, Texas. The RA is being submitted to the Texas Commission on Environmental Quality (TCEQ) Waste Permits Division by Legacy Green LLC (“Legacy Green”).

2. Supplementary Technical Report 30 TAC §305.45(a)(8)

A supplementary technical report is being submitted in connection with this application. This **Part I Report** has been prepared by a Texas licensed professional engineer. This report has been prepared in accordance with 30 TAC §330.59, pertaining to the contents of Part I of the application.

2.1 Facilities and Systems 30 TAC §305.45(a)(8)(A), 30 TAC §330.9(f)(1) - (2)

The proposed Facility is a Type V Transfer Station in accordance with the requirements of 30 TAC §330 and as identified in this RA. The Facility is eligible for registration as it will recover at least ten percent or more by weight or weight equivalent to the total incoming waste stream for reuse or recycling and disposes of the remaining non-recyclable or non-usable waste stream at a landfill not more than 50 miles from the facility.

The Facility will receive non-putrescible solid waste, including construction and demolition debris and rubbish from municipal and commercial activities, which will be processed for recyclable and reusable materials. After the recyclable and reusable materials are removed the remaining unusable and non-recycle materials will be re-containerized and shipped off-site for disposal at a TCEQ permitted solid waste landfill within 50 miles of the Facility. At the present time, the Legacy Green Keough Recycling Center proposed to utilize the following permitted landfills for disposing of their non-recycled materials:

Table I-1. TCEQ Permitted Landfill for Waste Disposal

Landfill Name	Type	Permit Number	Distance to Landfill (Miles)
Hawthorne Park Landfill	IV	2185	1.5
Fairbanks Landfill	IV	1565B	2
Greenhouse Road Landfill	IV	1599B	10.5
Tall Pines Disposal Facility	IV	2304A	12
Sprint Fort Bend County Landfill	IV	1797B	16
Lonestar Recycling & Disposal	IV	2344	20

Source: TCEQ, November 2025, Active Municipal Solid Waste Landfills in Texas.

2.2 Waste Volume and Rate 30 TAC §305.45(a)(8)(B)

The Legacy Green Keough Recycling Center has a projected maximum daily waste acceptance rate of 1,150 tons per day. Initially, Phase A will be constructed, with Phase B to follow based on market conditions. The TCEQ will inspect and approve Phase B prior to usage for solid waste operations. Waste volume and rate are discussed in greater detail in **Part II Report**.

2.3 Other Authorizations 30 TAC §330.55(a)

The construction and operation of this Facility will comply with Subchapter U of 30 TAC Chapter 330 (relating to Standard Air Permits for Municipal Solid Waste Landfill Facilities and Transfer Stations) or other approved air authorizations.

All liquids resulting from the operation of this solid waste Facility will be disposed of in a manner that will not cause surface or groundwater pollution. The liquids will be disposed of at an appropriately permitted facility

or otherwise disposed in accordance with 30 TAC §330.207, and any other applicable local, state, or federal rules and regulations concerning polluted waters.

Part II Report Section 2.4 describes how liquids resulting from the operation of this solid waste Facility will be managed.

2.4 Delinquent Fees 30 TAC §330.59(h), 330.671, 330.675

Legacy Green and the Facility have no delinquent TCEQ fees at this time.

3. Facility Location 30 TAC §330.59(b)(1-3)

The proposed Legacy Green Keough Recycling Center will be a Type V Transfer Station occupying the entire 2.14-acre tract owned by LMA EXCHANGE #2, LLC. The Facility is located within the extraterritorial jurisdiction of the City of Houston, near the intersection of U.S. Highway 290 (State Highway 290) and Sam Houston Tollway (Beltway 8) in northwest Houston, Texas. It is located near the Fairbanks/North Houston area, a commercial and industrial corridor. Access to Legacy Green Keough Recycling Center for incoming and outgoing waste vehicles will be through Gessner Rd. Access via Keough Rd will be restricted exclusively to staff and visitor vehicles.

The site location is shown on **Figures I-1 and I-2**. Additionally, an aerial photograph showing the site is provided as **Figure I-3**, and the general topographic map is included as **Figure I-4**. A Site Topographic Survey Map is presented on **Figure I-4B**.

The Facility is located on a property owned by LMA EXCHANGE #2, LLC and operated by Legacy Green LLC. The mailing and physical address for the Facility property is:

Legacy Green LLC
9420 Keough Rd
Houston, Texas 77040

The geographic coordinates of the facility are:

Latitude (degrees, minutes seconds): 29° 52' 17.4"N

Longitude (degrees, minutes seconds): 95° 32' 24.72"W

4. Maps 30 TAC §330.59(c)(1-3)

4.1 General Location Maps

The following maps collectively comply with the requirements of 30 TAC §330.59(c)(1-2).

A General Location Map, based on the Texas Department of Transportation (TxDOT) Greater Houston map dated December 6, 2024, is provided in **Figure I-1**. This map is at a scale of one-half inch to one mile. **Figure I-2**, the Site Location Map, is at a scale of one-half inch to one-quarter mile.

An Aerial Photograph is included as **Figure I-3**. A Drainage, Pipeline, Access, and Utility Easement Location Map is included as **Figure I-5**.

4.2 Land Ownership Map

A Land Ownership Map is provided as **Figure IA-1, Attachment IA-2**. The Harris County Appraisal District Tax Rolls and Tax Maps were reviewed by Roux Associates, Inc. ("Roux") to determine land and mineral interest ownership of properties within a one-quarter mile radius of the registration boundary. The Harris County Appraisal District records do not list mineral rights ownership records. Property ownership derived from real property appraisal records as listed on the date that the RA was filed.

The list of adjacent and potentially affected landowners, which corresponds to the Land Ownership Map, along with pre-printed mailing labels as required by §330.59(c)(3)(B), is included as **Attachments IA-1 and IA-3**.

4.3 Other Maps

Maps required per 30 TAC §305.45(6) will be provided as figures in **Part II** of this application.

5. Property Owner and Operator Information 30 TAC §330.59(d)

Legacy Green Keough Recycling Center is located on a property owned by LMA EXCHANGE #2, LLC, and is operated by Legacy Green LLC. The Facility will receive non-putrescible solid waste, including construction and demolition debris and rubbish from municipal and commercial activities. The waste will be sorted for recyclable and reusable materials. The remaining unusable and non-recyclable materials will be loaded for disposal at an approved off-site TCEQ permitted solid waste landfill within 50 miles of the Facility. The recyclables will be temporarily stockpiled pending shipping to recyclers.

5.1 Legal Description 30 TAC §330.59(d)(1)

The legal description and the Harris County Clerk's file numbers for the property are provided in **Attachment IB**. A signed and sealed drawing of the registration boundary metes and bounds, provided by Precision Surveyors, is included in **Attachment IB**. The registration boundary metes and bounds description was also provided by Precision Surveyors from a ground survey dated June 17, 2025.

5.1.1 Easements

No solid waste unloading, storage, disposal, or processing operations will occur within any easement that crosses the registration boundary, unless authorized by the TCEQ.

Any drainage, pipeline, and utility easements within the facility are shown on **Figure I-5**, Drainage, Pipeline, Access and Utility Easement Location Map.

5.2 Property Owner Affidavit 30 TAC §330.59(d)(2)

A signed property owner affidavit from LMA EXCHANGE #2, LLC is included in Part I Form.

The property owner, LMA EXCHANGE #2, LLC, acknowledges that the State of Texas may hold the property owner responsible for the operation, maintenance, and closure and post-closure care of the facility. The affidavit also acknowledges that the State of Texas shall have access to the property during the active life and post-closure care period, if required, after closure for the maintenance and inspection of the Facility.

5.3 Legal Authority 30 TAC §330.59(e)

The verification of the legal status of the owner and applicant is provided in **Attachment IC**.

5.4 Ownership Status 30 TAC §330.45(a)(2)

The property is wholly owned by LMA EXCHANGE #2, LLC.

6. Evidence of Competency 30 TAC §330.59(f)

The following evidence of Legacy Green competency to operate the Facility is provided.

6.1 Solid Waste Facility Operation 30 TAC §330.59(f)(1-2)

The principals and supervisors of Legacy Green LLC have operated waste hauling operations since 2017.

6.2 Management and Personnel 30 TAC §330.59(f)(3-4)

Per 30 TAC §330.59(f)(3), a licensed Class B solid waste facility supervisor will be employed prior to the commencement of Facility operations.

6.3 Equipment 30 TAC §330.59(f)(5-6)

These regulation citations are applicable to landfills and mobile liquid waste processing units only, not transfer stations.

7. Application

7.1 Appointments 30 TAC §330.59(g)

Documentation of the appointment is provided in **Attachment ID**.

7.2 Existing Permits & Authorizations 30 TAC §330.45(a)(7)

Table I-2. Existing Permits & Authorizations

Status	Program
N/A	Hazardous Waste Management program under the Texas Solid Waste Disposal Act
N/A	Underground Injection Control (UIC) program under the Texas Injection Well Act
N/A	National Pollutant Discharge Elimination System (NPDES) program under the Federal Clean Water Act (CWA) and Waste Discharge program under the Texas Water Code, Chapter 26
N/A	Prevention of Significant Deterioration (PSD) Program under the Federal Clean Air Act
N/A	Nonattainment Program under the Federal Clean Air Act
N/A	National Emission Standards for Hazardous Pollutants (NESHAPS) preconstruction approval under the Clean Air Act
N/A	Ocean dumping permits under the Marine Protection Research and Sanctuaries Act
N/A	Dredge or fill permits under of the Federal Clean Water Act
N/A	Licenses under the Texas Radiation Control Act
N/A ¹	NPDES Stormwater Pollution Control §402 Permit
N/A	U. S. Army Corps of Engineers Dredge and Fill Permit §404
N/A	TCEQ Air Quality Permit or Registration
N/A	Other environmental permits (provide list)
RQD	Texas Pollutant Discharge Elimination System (TPDES) General Stormwater Permit
RQD	Air Permits By Rule (PBR)

Notes: RQD = Required
 APP = Applied For
 REC = Received
 N/A = Not Applicable

7.3 Application Fees 30 TAC §330.59(h)

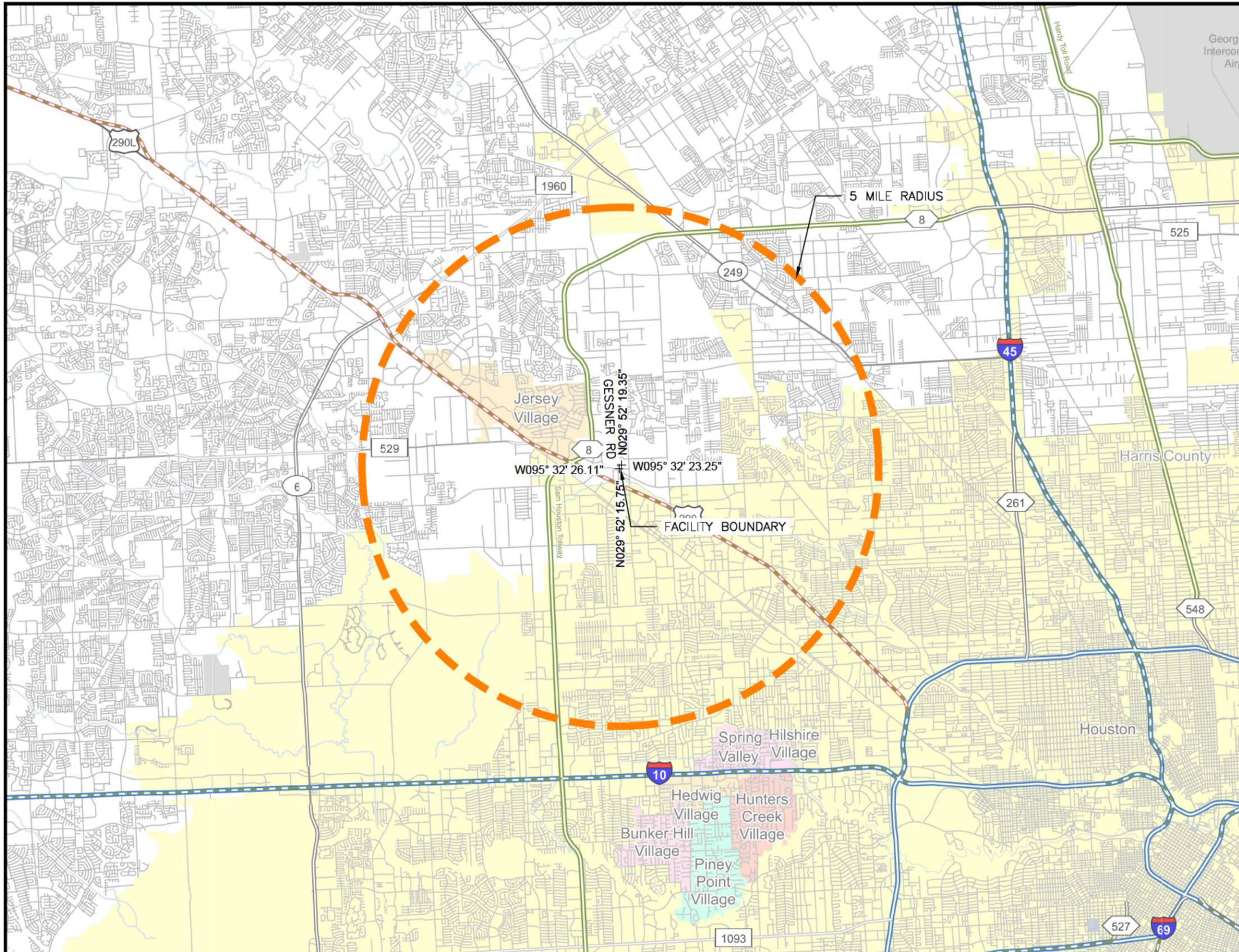
The application fee for a permit, registration, amendment, modification, or temporary authorization is \$150. This fee was paid online using TCEQ e-Pay at <https://www3.tceq.texas.gov/epay/>. A copy of the e-Pay receipt is provided in **Attachment IE**.

Type V Transfer Station Registration Application, Part I
Legacy Green Keough Recycling Center

PART I - FIGURES

- I-1 General Location Map
- I-2 Site Location Map
- I-3 2025 Aerial Photograph
- I-4A General Topographic Map
- I-4B Site Topographic Survey Map
- I-5 Drainage, Pipeline, Access and Utility Easement
Location Map

S:\CLIENTS\PROJECTS\LEGACY GREEN\TRANSFER STATION\CADD\PART I\LEGACY GREEN-KEOUGH RECYCLING CENTER-FIGURE I-1-GENERAL LOCATION MAP.DWG



LEGEND

- FACILITY BOUNDARY
- FACILITY BOUNDARY OFFSET RADIUS

STATE OF TEXAS
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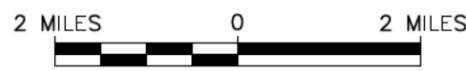
ISSUED FOR PERMITTING

Title: **GENERAL LOCATION MAP
LEGACY GREEN KEOUGH
RECYCLING CENTER**
HOUSTON, TEXAS

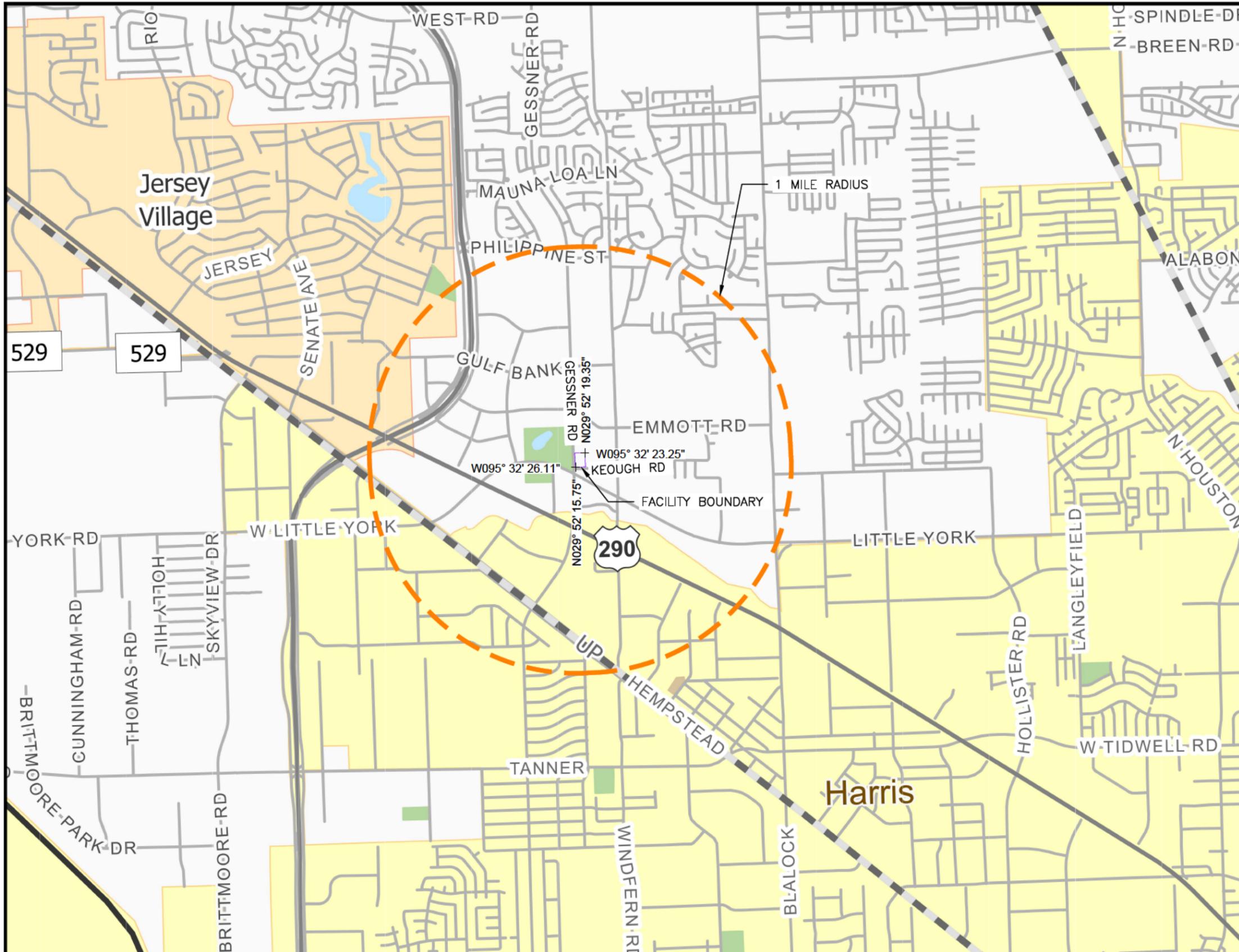
Prepared for: LEGACY GREEN LLC

ROUX	Compiled by: GRH	Date: 10/2025	FIGURE I-1
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	Project Mgr: ATN	Project: 5089.0001H000	
	File: LEGACY GREEN KEOUGH RECYCLING CENTER-FIGURE I-1-GENERAL LOCATION MAP.DWG		

- REFERENCE(S)**
- BASE MAP TAKEN FROM TEXAS DEPARTMENT OF TRANSPORTATION, GREATER HOUSTON, DECEMBER 6, 2024; DELIVERED IN PDF [HTTPS://WWW.DOT.STATE.TX.US](https://www.dot.state.tx.us).



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LEGEND

--- FACILITY BOUNDARY

--- FACILITY BOUNDARY OFFSET RADIUS

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Title: SITE LOCATION MAP LEGACY GREEN KEOUGH RECYCLING CENTER HOUSTON, TEXAS		
Prepared for: LEGACY GREEN LLC		
	Compiled by: GRH	Date: 10/2025
	Prepared by: FJ	Scale: AS SHOWN
	Project Mgr: ATN	Project: 5089.0001H000
	File: LEGACY GREEN KEOUGH RECYCLING CENTER-FIGURE I-2-SITE LOCATION MAP.DWG	

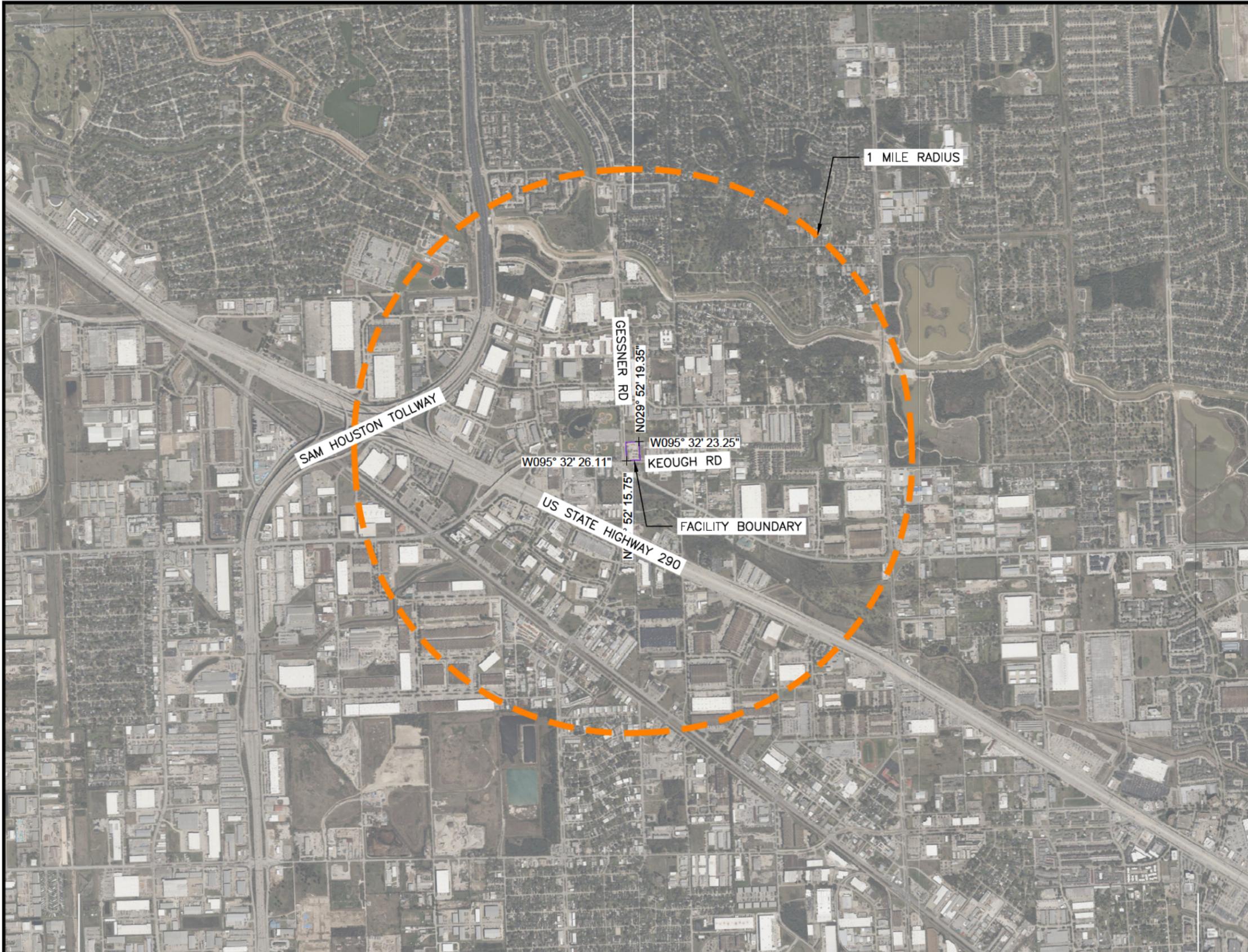
REFERENCE(S)

1. BASE MAP TAKEN FROM TEXAS DEPARTMENT OF TRANSPORTATION, COUNTY MAPBOOK 2018, PAGE 1750; DELIVERED IN PDF [HTTPS://WWW.DOT.STATE.TX.US](https://www.dot.state.tx.us).



FIGURE
I-2

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LEGEND

--- FACILITY BOUNDARY

--- FACILITY BOUNDARY OFFSET RADIUS

ISSUED FOR PERMITTING

Title:			FIGURE
2025 AERIAL PHOTOGRAPH LEGACY GREEN KEOUGH RECYCLING CENTER HOUSTON, TEXAS			
Prepared for:			I-3
LEGACY GREEN LLC			
	Compiled by: GRH	Date: 10/2025	
	Prepared by: FJ	Scale: AS SHOWN	
	Project Mgr: ATN	Project: 5089.0001H000	
	File: LEGACY GREEN KEOUGH RECYCLING CENTER FIGURE I-3-2025 AERIAL PHOTOGRAPH.DWG		

REFERENCE(S)

1. BASE MAP TAKEN FROM © MICROSOFT CORPORATION © 2025 MAXAR CNES (2025) DISTRIBUTION AIRBUS DS © 2025 MICROSOFT BING.COM, ACCESSED OCTOBER 2025.



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- FACILITY BOUNDARY
- FACILITY BOUNDARY OFFSET RADIUS

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	Area of Impact		Boundary
	Building		Contour
	Road		Elevation
	Water		Spot Elevation
	Utility		Structure
	Fence		Tower
	Wall		Well
	Gate		Valve
	Manhole		Meter
	Transformer		Pole
	Sign		Light
	Bench Mark		Monument
	Survey Point		Station
	Control Point		Reference Point
	Easement		Right-of-Way
	Encroachment		Obstruction
	Utility Pole		Power Line
	Telephone Pole		Cable
	Gas Line		Sewer Line
	Water Line		Storm Sewer
	Fire Hydrant		Fire Alarm
	Fire Station		Fire Truck
	Fire Hose		Fire Ladder
	Fire Axe		Fire Pick
	Fire Shovel		Fire Hook
	Fire Nozzle		Fire Hose Reel
	Fire Alarm Box		Fire Alarm Control Panel
	Fire Alarm Bell		Fire Alarm Gong
	Fire Alarm Chime		Fire Alarm Siren
	Fire Alarm Strobe		Fire Alarm Speaker
	Fire Alarm Push Button		Fire Alarm Pull Station
	Fire Alarm Call Point		Fire Alarm Call Station
	Fire Alarm Call Box		Fire Alarm Call Panel
	Fire Alarm Call Station		Fire Alarm Call Point
	Fire Alarm Call Panel		Fire Alarm Call Box
	Fire Alarm Call Station		Fire Alarm Call Point
	Fire Alarm Call Panel		Fire Alarm Call Box
	Fire Alarm Call Station		Fire Alarm Call Point
	Fire Alarm Call Panel		Fire Alarm Call Box
	Fire Alarm Call Station		Fire Alarm Call Point
	Fire Alarm Call Panel		Fire Alarm Call Box

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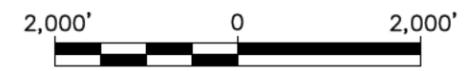


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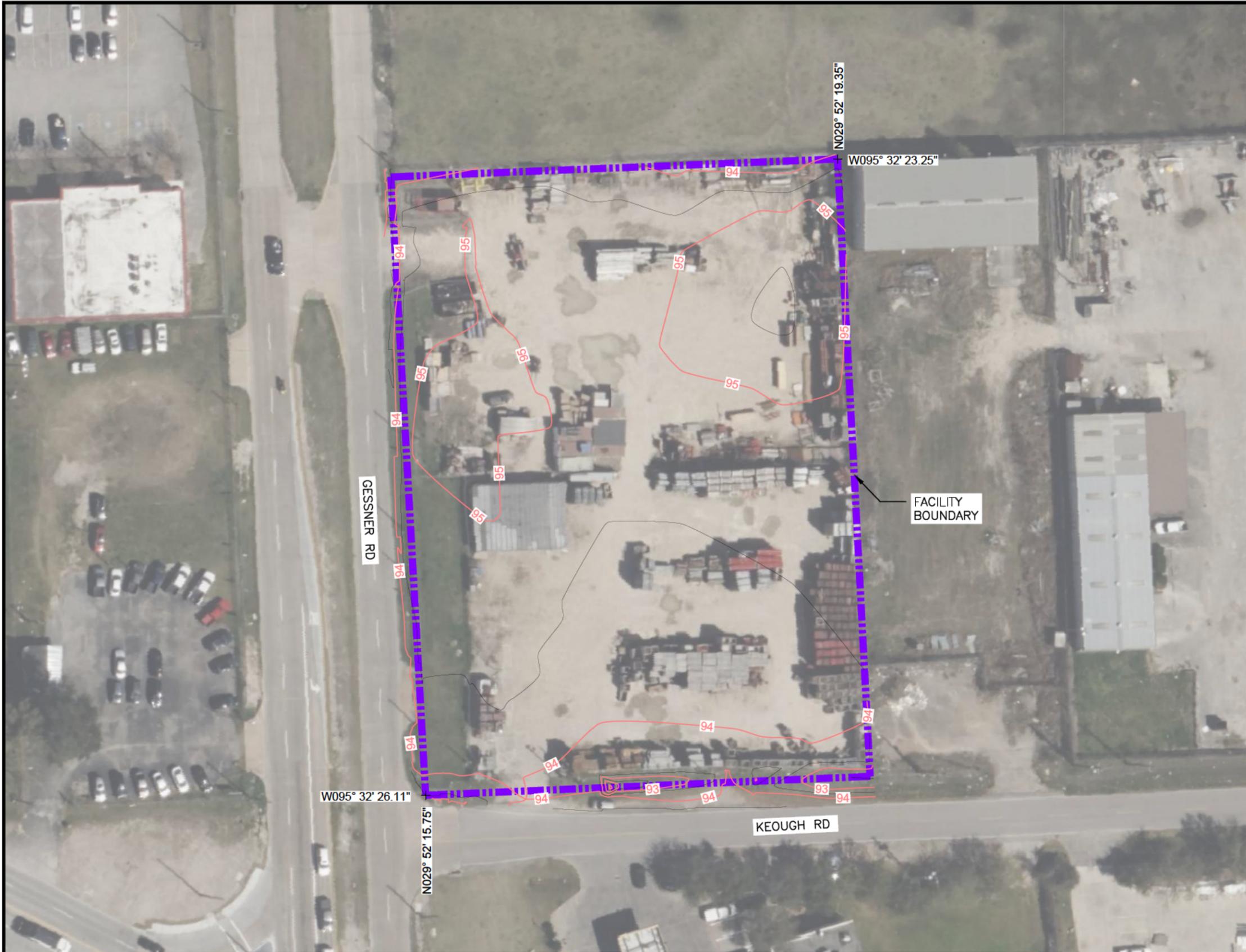
Title: GENERAL TOPOGRAPHIC MAP LEGACY GREEN KEOUGH RECYCLING CENTER HOUSTON, TEXAS		
Prepared for: LEGACY GREEN LLC		
Compiled by: GRH	Date: 11/2025	FIGURE
Prepared by: FJJ	Scale: AS SHOWN	I-4A
Project Mgr: ATN	Project: 5089.0001H000	
File: LEGACY GREEN-KEOUGH RECYCLING CENTER-FIGURE I-4A-GENERAL TOPOGRAPHIC MAP.DWG		

REFERENCE(S)

- BASE MAP DEVELOPED BY THE UNITED STATES GEOLOGICAL SURVEY (USGS) LAST UPDATED IN 2022 FOR HEDWIG VILLAGE AND SATSUMA, TEXAS.



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- ■ ■ ■ FACILITY BOUNDARY
- MAJOR CONTOUR LINE
- MINOR CONTOUR LINE
- 95 ELEVATION


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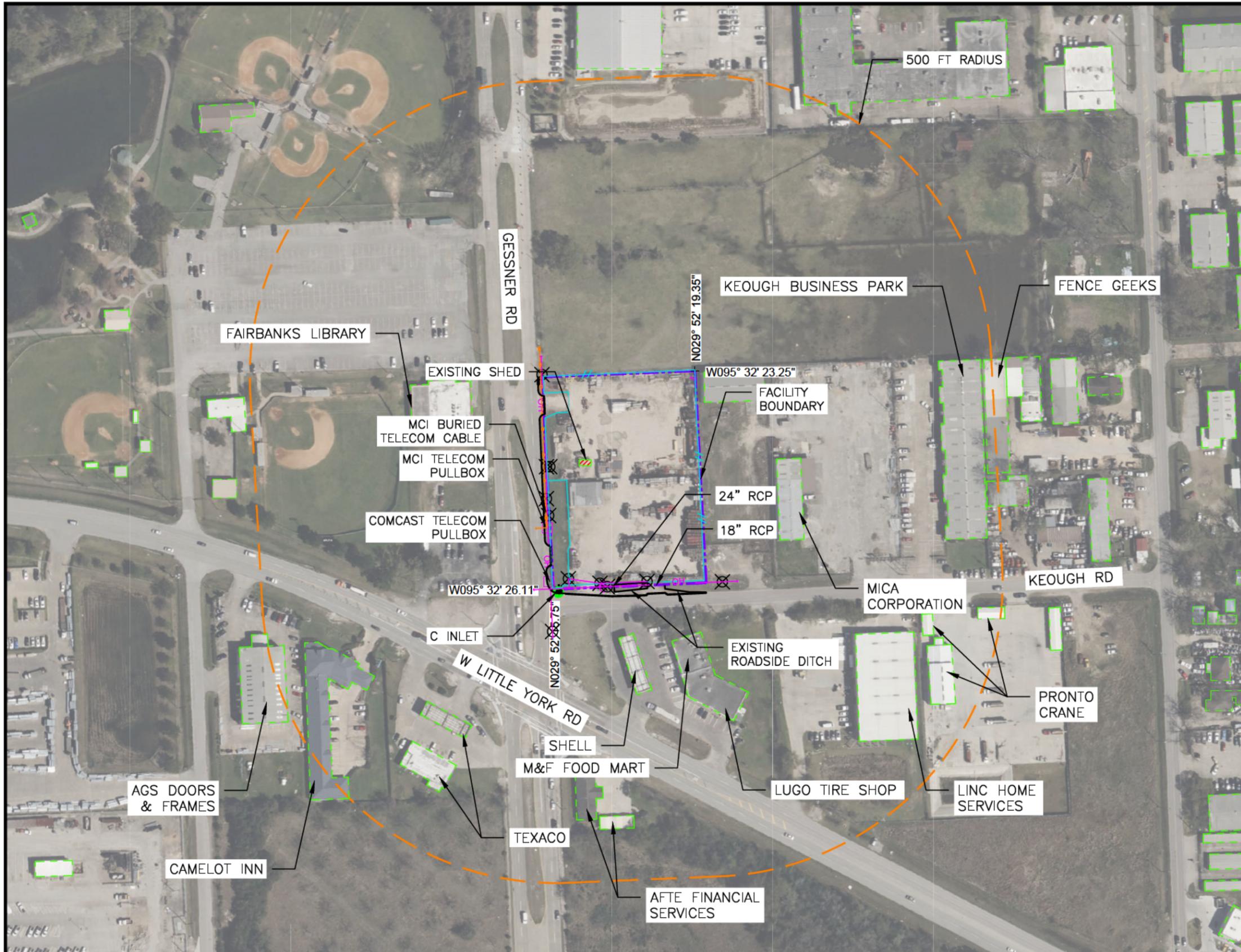
Title: SITE TOPOGRAPHIC SURVEY MAP LEGACY GREEN KEOUGH RECYCLING CENTER HOUSTON, TEXAS										
Prepared for: LEGACY GREEN LLC										
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Compiled by: GRH	Date: 11/2025									
Prepared by: FJJ	Scale: AS SHOWN									
Project Mgr: ATN	Project: 5089.0001H000									
File: LEGACY GREEN KEOUGH RECYCLING CENTER-FIGURE I-4B-SITE TOPOGRAPHIC SURVEY MAP.DWG										

REFERENCE(S)

1. BASE MAP TAKEN FROM © MICROSOFT CORPORATION © 2025 MAXAR CNES (2025) DISTRIBUTION AIRBUS DS © 2025 MICROSOFT BING.COM, ACCESSED OCTOBER 2025.
2. TOPOGRAPHY GENERATED FROM SITE SURVEY CONDUCTED ON SEPTEMBER 5, 2025 BY RODS, INC.



S:\CLIENTS\PROJECTS\LEGACY GREEN\TRANSFER STATION\ADD\PART I\LEGACY GREEN-KEOUGH RECYCLING CENTER-FIGURE I-5 DRAINAGE, PIPELINE, ACCESS AND UTILITY LOCATION MAP.DWG



LEGEND	
	FACILITY BOUNDARY
	FACILITY BOUNDARY OFFSET RADIUS
	OVERHEAD POWERLINES
	POWER POLE
	MCI BURIED TELECOM CABLE
	TELECOM PULLBOX
	EXISTING FENCE
	EXISTING STRUCTURES
	STRUCTURES TO BE REMOVED

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Title: **DRAINAGE, PIPELINE, ACCESS AND UTILITY EASEMENT LOCATION MAP
 LEGACY GREEN KEOUGH RECYCLING CENTER**
 HOUSTON, TEXAS

Prepared for: LEGACY GREEN LLC

	Compiled by: GRH	Date: 11/2025	FIGURE I-5
	Prepared by: FJ	Scale: AS SHOWN	
	Project Mgr: ATN	Project: 5089.0001H000	
	File: LEGACY GREEN KEOUGH RECYCLING CENTER-FIGURE I-5 DRAINAGE, PIPELINE, ACCESS AND UTILITY LOCATION MAP.DWG		

REFERENCE(S)

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Type V Transfer Station Registration Application, Part I
Legacy Green Keough Recycling Center

PART I - ATTACHMENTS

- IA Land Ownership List
- IB Legal Description
- IC Legal Authority
- ID Appointments
- IE Application Fee Payment

Type V Transfer Station Registration Application, Part I
Legacy Green Keough Recycling Center

ATTACHMENT IA

Attachment IA
Land Ownership

**Type V Transfer Station Registration Application,
Attachment IA, Land Ownership
*Legacy Green Keough Recycling Center***

ATTACHMENT IA-1

Attachment IA-1
Land Ownership List

**LAND OWNERSHIP LIST
LEGACY GREEN KEOUGH RECYCLING CENTER
TYPE V REGISTRATION APPLICATION**

Map ID	Account ID	Owner Name / Mailing Addresses	Map ID	Account ID	Owner Name / Mailing Addresses
1	0570080000051	LMA EXCHANGE #2, LLC 303 W WALL ST STE 2400 MIDLAND, TX 79701	11	0570080000050	SOLANO JOSE A 8531 BATTLE PLAINS DR HOUSTON, TX 77040-3640
2	0570080000052	OSI 9250 KEOUGH RD LLC 800 BRICKELL AVE STE 904 MIAMI, FL 33131-2966	12	0570080000066	JARRAR HOLDINGS LLC 9119 EMMOTT RD HOUSTON, TX 77040-3513
3	0570080000049	OSI 9250 KEOUGH RD LLC 800 BRICKELL AVE STE 904 MIAMI, FL 33131-2966	13	0570080000024	JARRAR HOLDINGS LLC 9119 EMMOTT RD HOUSTON, TX 77040-3513
4	0570080000038	NW HOUSTON LLC PO BOX 470972 FORT WORTH, TX 76147-0972	14	1151210000007	SILVERADO PROPERTIES LLC 9203 EMMOTT RD HOUSTON, TX 77040-3329
5	0570080000045	LALEH INVESTMENTS LLC 7606 BRAE ACRES CT HOUSTON, TX 77074-4123	15	1151210000006	EMAX PROPERTIES LLC 1122 OAK KNOLL DR SUGAR LAND, TX 77498-2625
6	0570080000047	LALEH INVESTMENTS LLC 7606 BRAE ACRES CT HOUSTON, TX 77074-4123	16	1151210000004	7028 GESSNER HOUSTON LLC 13743 FM 529 HOUSTON, TX 77041-2522
7	0570080000044	MALOAN R R 12319 BEXHILL DR HOUSTON, TX 77065-2511	17	1151210000008	CITY OF HOUSTON PO BOX 1562 HOUSTON, TX 77251-1562
8	0570080000048	GARCIA OMAR 6927 WINDFERN RD HOUSTON, TX 77040	18	1151210000012	ETJ GESSNER LP 1017 N LOOP 1604 E SAN ANTONIO, TX 78232-1334
9	0570080000003	GARCIA OMAR 6931 WINDFERN RD HOUSTON, TX 77040-4111	19	1151210000002	USCIF OAK HOLLOW LLC 2300 N FIELD ST STE 1650 DALLAS, TX 75201-2499
10	0570080000053	SALANO ANTHONY 6951 WINDFERN RD HOUSTON, TX 77040-4111	20	0570080000065	COUNTY OF HARRIS PARCEL 4132-001 (GESSNER RD) PO BOX 1525 HOUSTON, TX 77251-1525

**LAND OWNERSHIP LIST
LEGACY GREEN KEOUGH RECYCLING CENTER
TYPE V REGISTRATION APPLICATION**

Map ID	Account ID	Owner Name / Mailing Addresses	Map ID	Account ID	Owner Name / Mailing Addresses
21	0570080000064	COUNTY OF HARRIS PARCEL 4132-002 (GESSNER RD) PO BOX 1525 HOUSTON, TX 77251-1525	31	0570080000041	ONE ONE 14 PROPERTIES LLC 6930 GESSNER RD HOUSTON, TX 77040-3306
22	0570080000006	YMCA OF HOUSTON & HARRIS CO % WILKES RICHARD E PO BOX 19004 HOUSTON, TX 77224-9004	32	0570080000007	ONE ONE 14 PROPERTIES LLC 6930 GESSNER RD HOUSTON, TX 77040-3306
23	1193640010001	COUNTY OF HARRIS YMCA OF HOUSTON PO BOX 1525 HOUSTON, TX 77251-1525	33	0132150020012	MALOAN ROGERS S & VICKI S 12319 BEXHILL DR HOUSTON, TX 77065-2511
24	1193640010002	COUNTY OF HARRIS PO BOX 1525 HOUSTON, TX 77251-1525	34	0132150020011	SILVA JUVENTINO & BLANCA 5727 ELDRIDGE GLEN DR HOUSTON, TX 77041-4235
25	0570080000012	9502 WEST LITTLE YORK LLC PO BOX 496 HOCKLEY, TX 77447-0496	35	0132150020010	SILVA BLANCA 5727 ELDRIDGE GLEN DR HOUSTON, TX 77041
26	0570080000020	COUNTY OF HARRIS PO BOX 1525 HOUSTON, TX 77251-1525	36	0132150020007	SUNDANCE SUPPLY CO INC 14655 NORTHWEST FWY STE 127A HOUSTON, TX 77040-4032
27	1251250010001	ONE ONE 14 PROPERTIES LLC 6903 GESSNER RD HOUSTON, TX 77040	37	0132150020029	SUNDANCE SUPPLY CO INC 14655 NORTHWEST FWY STE 127A HOUSTON, TX 77040-4032
28	1251250010002	MERAKI INTERESTS INC 9424 W LITTLE YORK RD HOUSTON, TX 77040-3316	38	0132150020008	SUNDANCE SUPPLY INC 14655 NORTHWEST FWY STE 127A HOUSTON, TX 77040-4032
29	0570080000043	ONE ONE 14 PROPERTIES LLC 6930 GESSNER RD HOUSTON, TX 77040-3306	39	0132150020025	PERFORMANCE COATINGS INC PO BOX 40543 HOUSTON, TX 77240-0543
30	0570080000017	ZURICH CAPITAL LLC 12307 LEUCHARS LN RICHMOND, TX 77407-3446	40	0132150020026	DUBOSE DAVID C 21126 IDLE WIND DR RICHMOND, TX 77406-7161

**LAND OWNERSHIP LIST
LEGACY GREEN KEOUGH RECYCLING CENTER
TYPE V REGISTRATION APPLICATION**

Map ID	Account ID	Owner Name / Mailing Addresses	Map ID	Account ID	Owner Name / Mailing Addresses
41	0132150020006	RINER MICHAEL 6942 WINDFERN RD HOUSTON, TX 77040-4112	51	0132150010019	KB WHITED PROPERTIES LLC 28273 EAGLE CV MAGNOLIA, TX 77355-5363
42	0132150020016	MULLINS SHAWN D 9141 EMMOTT RD HOUSTON, TX 77040-3513	52	0132150010017	SHENKAI PETROLEUM LLC 7040 WINDFERN RD HOUSTON, TX 77040-4140
43	0132150020015	MCMILLON ROBERT 9145 EMMOTT RD HOUSTON, TX 77040-3513	53	0132150010021	PARK AT EMMOTT ASSOCIATION INC 9119 EMMOTT RD HOUSTON, TX 77040-3513
44	0132150020001	RINER MICHAEL R & JONELL 6942 WINDFERN RD HOUSTON, TX 77040-4112	54	0451350000043	BAKER SERVICE TOOLS PO BOX 4740 HOUSTON, TX 77210-4740
45	0132150020027	MCMILLON ROBERT L 18406 DRIFTWOOD SHORES CT CYPRESS, TX 77433-4047	55	1151210010003	ATLAS FLUID CONTROLS CORPORATION 9206 EMMOTT RD STE A HOUSTON, TX 77040-3328
46	0132150010014	NGUYEN KIM N 9434 WALNUT BROOK CT HOUSTON, TX 77040-7644	56	0421870000003	KAST JUDY A 206 S TRACE DR LUFKIN, TX 75901
47	0132150010015	THE WESTON BUILDING LLC 9127 EMMOTT RD HOUSTON, TX 77040-3513	57	1151210010006	ATLAS FLUID CONTROLS CORP 9206 EMMOTT RD HOUSTON, TX 77040-3328
48	0132150010020	MSSD INVESTMENT PROPERTIES LLC 2300 DELANTE ST HALTOM CITY, TX 76117-5339	58	1151210010005	STRETCH MYERS HOLDINGS LTD 17349 BELL NORTH DR STE 200 SCHERTZ, TX 78154-3359
49	0132150010001	ANTLER INVESTMENTS LLC 7020 WINDFERN RD HOUSTON, TX 77040-4140	59	1371540010001	BLP HOLDINGS LLC 227 W MONROE ST 27TH FLR CHICAGO, IL 60606-5081
50	0132150010018	GROOVE TECHNOLOGIES LLC PO BOX 208 ROUND TOP, TX 78954-0208	60	1151210000009	BIZCOM ELECTRONICS INC 1361 EL CAMINO REAL SANTA CLARA, CA 95050-4280

**LAND OWNERSHIP LIST
LEGACY GREEN KEOUGH RECYCLING CENTER
TYPE V REGISTRATION APPLICATION**

Map ID	Account ID	Owner Name / Mailing Addresses	Map ID	Account ID	Owner Name / Mailing Addresses
61	1304020010001	LENER INVESTMENTS LLC 14007 PERTHSHIRE RD HOUSTON, TX 77079-8700	71	0570080000058	YU HAG YONG 9515 W LITTLE YORK RD HOUSTON, TX 77040-3317
62	0570080000010	TEXAS DEPARTMENT OF TRANSPORTATION 125E 11 ST AUSTIN, TX 78701	72	0570080000057	D & D HOLDINGS LLC % DON WILLMOTH 9445 W LITTLE YORK RD HOUSTON, TX 77040-3315
63	0382840000038	STATE OF TEXAS PARCEL 504 (US HWY 290) % TX DOT PO BOX 1386 HOUSTON, TX 77251-1386	73	0570080000067	BAKER INVESTORS GROUP LLC 1110 HAYE RD FRIENDSWOOD, TX 77546-1426
64	0382840000091	STATE OF TEXAS PARCEL NO 506 (US 290) 5805 N LAMAR BLVD AUSTIN, TX 78752-4431	74	1178100010001	AURUM GANPATI LLC 10830 S MAIN ST HOUSTON, TX 77025-5553
65	0382840000092	STATE OF TEXAS PARCEL NO 507 PO BOX 1386 HOUSTON, TX 77251	75	1178100010004	ALLEGIANCE BANK 8727 W SAM HOUSTON PKWY N HOUSTON, TX 77040-5167
66	0382840000031	COUNTY OF HARRIS PO BOX 1525 HOUSTON TX 77251-1525	76	1178100010002	PLATINUM LAXMI LLC 8109 W LITTLE YORK RD HOUSTON, TX 77040-5315
67	0382840000032	COUNTY OF HARRIS PO BOX 1525 HOUSTON, TX 77251-1525	77	0922820000014	HARRIS COUNTY FLOOD CONTROL DISTRICT TRACT 06-814-0 9900 NORTHWEST FWY HOUSTON, TX 77092-8601
68	1484170010001	COLE CREEK ESTATES LTD 1500 N POST OAK RD STE 190 HOUSTON, TX 77055-5487	78	0922820000015	HARRIS COUNTY FLOOD CONTROL DISTRICT TRACT 06-820 0 9900 NORTHWEST FWY HOUSTON, TX 77092-8601
69	1229630010001	LENER INVESTMENTS LLC PO BOX 40010 HOUSTON, TX 77240-0010	79	0922820000016	HARRIS COUNTY FLOOD CONTROL DISTRICT TRACT 06-801-0 9900 NORTHWEST FWY HOUSTON, TX 77092-8601
70	1229630010002	PATEL PURUSHOTTAM G 9521 W LITTLE YORK RD HOUSTON, TX 77040-3317	80	0922820000017	HARRIS COUNTY FLOOD CONTROL DISTRICT TRACT 06-815-OM (DIST BUYOUT) 9900 NORTHWEST FWY HOUSTON, TX 77092-8601

**LAND OWNERSHIP LIST
LEGACY GREEN KEOUGH RECYCLING CENTER
TYPE V REGISTRATION APPLICATION**

Map ID	Account ID	Owner Name / Mailing Addresses	Map ID	Account ID	Owner Name / Mailing Addresses
81	0922820000018	HARRIS COUNTY FLOOD CONTROL DISTRICT 9900 NORTHWEST FWY HOUSTON, TX 77092-8601	91	0922810000006	STATE OF TEXAS PO BOX 1386 AUSTIN, TX 78767-1386
82	0922820000019	HARRIS COUNTY FLOOD CONTROL DISTRICT TRACT 28-8900 9900 NORTHWEST FWY HOUSTON, TX 77092-8601	92	0922810000007	HARRIS COUNTY FLOOD CONTROL DISTRICT TRACT 08-8010 9900 NORTHWEST FWY HOUSTON, TX 77092-8601
83	0922820000020	HARRIS COUNTY FLOOD CONTROL DISTRICT 9900 NORTHWEST FWY HOUSTON, TX 77092-8601	93	0922810000008	HARRIS COUNTY FLOOD CONTROL DISTRICT TRACT 06-810-0 9900 NORTHWEST FWY HOUSTON, TX 77092-8601
84	0922820000021	HARRIS COUNTY FLOOD CONTROL DISTRICT TRACT 06-808-0 9900 NORTHWEST FWY HOUSTON, TX 77092-8601	94	0922810000009	HARRIS COUNTY FLOOD CONTROL DISTRICT TRACT 06-803 9900 NORTHWEST FWY HOUSTON, TX 77092-8601
85	0922820000022	HARRIS COUNTY FLOOD CONTROL DISTRICT 9900 NORTHWEST FWY HOUSTON, TX 77092-8601	95	0922810000010	HARRIS COUNTY FLOOD CONTROL DISTRICT TRACT 06-806-0 9900 NORTHWEST FWY HOUSTON, TX 77092-8601
86	0922810000001	HARRIS COUNTY FLOOD CONTROL DISTRICT TRACT 06-819 0 9900 NORTHWEST FWY HOUSTON, TX 77092-8601	96	0922810000012	GRAY BRIAN M & LEONICKA 9202 COLE CREEK DR HOUSTON, TX 77040-3302
87	0922810000002	HARRIS COUNTY FLOOD CONTROL DISTRICT TRACT 06-807-0 9900 NORTHWEST FWY HOUSTON, TX 77092-8601	97	0922810000011	CLARK JOHN W 7834 BATRTLEPINE DR HOUSTON, TX 77040-2723
88	0922810000003	HARRIS COUNTY FLOOD CONTROL DISTRICT TRACT 06-802-0 9900 NORTHWEST FWY HOUSTON, TX 77092-8601	98	1264790010004	YORK PARTNERS I INC PO BOX 959 TOMBALL, TX 77377-0959
89	0922810000004	HARRIS COUNTY FLOOD CONTROL DISTRICT TRACT 06-809-0 9900 NORTHWEST FWY HOUSTON, TX 77092-8601	99	0132150030010	MOSAFFA REZA 9218 BRAHMS LN HOUSTON, TX 77040-2465
90	0922810000005	HARRIS COUNTY FLOOD CONTROL DISTRICT TRACT 06-813-0 9900 NORTHWEST FWY HOUSTON, TX 77092-8601	100	1502180010001	WLY VENTURES LLC 18023 CALLANDER AVE HOUSTON, TX 77040

**LAND OWNERSHIP LIST
LEGACY GREEN KEOUGH RECYCLING CENTER
TYPE V REGISTRATION APPLICATION**

Map ID	Account ID	Owner Name / Mailing Addresses	Map ID	Account ID	Owner Name / Mailing Addresses
101	0132150030005	KUBECZKA JULIAN 5825 W SAM HOUSTON PKWY N HOUSTON, TX 77041-5137	111	0132160060017	BALI PAUL 13011 CANYON ECHO DR HOUSTON, TX 77065-5296
102	0132150030027	KUBECZKA JULIAN 5825 W SAM HOUSTON PKWY N HOUSTON, TX 77041-5137	112	0132160060003	BALLI PAUL 13011 CANYON ECHO DR HOUSTON, TX 77065-5296
103	0132150030003	ROJAS SAMUEL 5810 PEBBLE BANK LN HOUSTON, TX 77041-6847	113	0132160060001	ROJAS SAMUEL 5810 PEBBLE BANK LN HOUSTON, TX 77041-6847
104	0132150030001	ROJAS SAMUEL 5810 PEBBLE BANK LN HOUSTON, TX 77041-6847	114	0132160060014	MEJIA IGNACIO M 4803 MARBURG HOUSTON, TX 77066-4727
105	0132150030014	ROJAS SAMUEL 5810 PEBBLE BANK LN HOUSTON, TX 77041-6847	115	0132160050027	JARRAR HOLDINGS 9119 EMMOTT RD HOUSTON, TX 77040-3513
106	0132160060008	BALLI PAUL 13011 CANYON ECHO DR HOUSTON, TX 77065-5296	116	0132160050010	DUBOSE DAVID C 21126 IDLE WIND DR RICHMOND, TX 77406-7161
107	0132160060006	BALLI PAUL 13011 CANYON ECHO DR HOUSTON, TX 77065-5296	117	0132160050022	JARRAR HOLDINGS LLC 9119 EMMOTT RD HOUSTON, TX 77040-3513
108	0132160060019	AGUILAR PEDRO & JOSEFA 10702 HEATHERFORD CT HOUSTON, TX 77041-8404	118	0132160050029	EKH / AAM TRUST 1807 LAKE ST LAKE CHARLES, LA 70601-5771
109	0132160060005	BALLI PAUL & MARIA E 13011 CANYON ECHO DR HOUSTON, TX 77065-5296	119	0132160050035	EKH / AAM TRUST 1807 LAKE ST LAKE CHARLES, LA 70601-5771
110	0132160060016	LANGSTON TAMA H 17615 WILD WILLOW LN HOUSTON, TX 77084-1149	120	0132160050028	BNB LEASING INC 8703 CHALLIS PARK CT HOUSTON, TX 77040-2231

**LAND OWNERSHIP LIST
LEGACY GREEN KEOUGH RECYCLING CENTER
TYPE V REGISTRATION APPLICATION**

Map ID	Account ID	Owner Name / Mailing Addresses	Map ID	Account ID	Owner Name / Mailing Addresses
121	0132160050018	JARRAR HOLDINGS LLC 9119 EMMOTT RD HOUSTON, TX 77040-3513	131	1144260000005	PRITCHARD ABBOTT INC 6950 EMPIRE CENTRAL DR HOUSTON, TX 77040-3204
122	0132160050001	JARRAR HOLDINGS LLC 9119 EMMOTT RD HOUSTON, TX 77040-3513	132	1144260000004	AVANCE BIOSCIENCES INC 9770 W LITTLE YORK RD HOUSTON, TX 77040-3342
123	0132160050033	BNB LEASING INC 8703 CHALLIS PARK CT HOUSTON, TX 77040-2231	133	1145150000001	CYPRESS REAL ESTATE INVESTMENTS INC PO BOX 40304 HOUSTON, TX 77240-0304
124	0132160050034	EPHESIANS 320 INC 9125 EMMOTT RD HOUSTON, TX 77040-3513	134	1145150000002	NATIONAL REALTY DEV CORP PO BOX 825 EASTON, MD 21601-8915
125	0132160050031	WESTON BUILDING LLC 9127 EMMOTT RD HOUSTON, TX 77040-3513	135	0382840000066	STATE OF TEXAS PARCEL 504 (US HWY 290) % TX DOT PO BOX 1386 HOUSTON, TX 77251-1386
126	0132160050032	PARK AT EMMOTT ASSOCIATION INC 9119 EMMOTT RD HOUSTON, TX 77040-3513	136	1178100010005	NATIVE LAND INVESTMENTS LTD 22101 W STATE HWY 71 SPICEWOOD, TX 78669-6635
127	0132170080001	EMMOTT BUSINESS PARK LLC 9402 BRAESHEATHER CT HOUSTON, TX 77096-4201	137	0922820000023	HARRIS COUNTY FLOOD CONTROL DISTRICT TRACT 06-805-0 9900 NORTHWEST FWY HOUSTON, TX 77092-8601
128	0132160040003	PARK AT EMMOTT ASSOCIATION INC 9119 EMMOTT RD HOUSTON, TX 77040-3513	138	1502180010002	COUNTY OF HARRIS PO BOX 1525 HOUSTON, TX 77251-1525
129	0132160040001	JARRAR HOLDINGS LLC 9119 EMMOTT RD HOUSTON, TX 77040-3513	139	1502180010003	COUNTY OF HARRIS PO BOX 1525 HOUSTON, TX 77251-1525
130	0132170070019	EMMOTT BUSINESS PARK LLC 9402 BRAESHEATHER CT HOUSTON, TX 77096-4201	140	1502190010002	COUNTY OF HARRIS PO BOX 1525 HOUSTON, TX 77251-1525

**LAND OWNERSHIP LIST
LEGACY GREEN KEOUGH RECYCLING CENTER
TYPE V REGISTRATION APPLICATION**

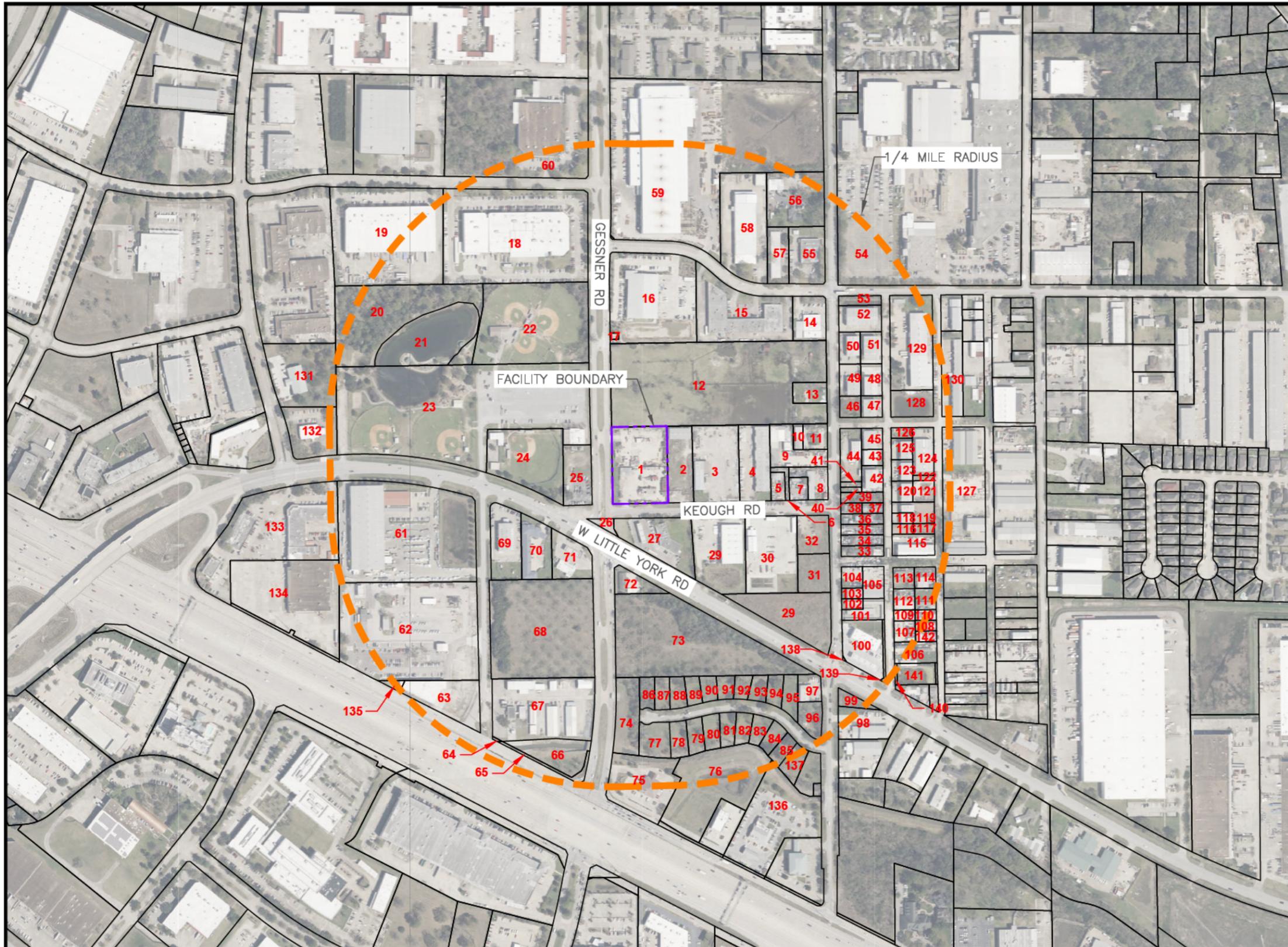
Map ID	Account ID	Owner Name / Mailing Addresses	Map ID	Account ID	Owner Name / Mailing Addresses
141	1502190010001	WLY VENTURES LLC 1110 HAYE RD FRIENDSWOOD, TX 77546-1426			
142	132160060015	GARFIAS PEREZ OSCAR 7111 WHITE OAK CIR HOUSTON, TX 77040-3524			

**Type V Transfer Station Registration Application,
Attachment IA, Land Ownership
*Legacy Green Keough Recycling Center***

ATTACHMENT IA-2

Attachment IA-2
Figure 1A-1 Land Ownership Map

S:\CLIENTS\PROJECTS\LEGACY GREEN\TRANSFER STATION\CADD\PART ILAND OWNERSHIP\LEGACY GREEN-KEOUGH RECYCLING CENTER-FIGURE IA-1 - LAND OWNERSHIP MAP.DWG



LEGEND

	FACILITY BOUNDARY
	FACILITY BOUNDARY OFFSET RADIUS
	LAND PARCEL LIMITS
130	LANDOWNER LIST REFERENCE LIST

STATE OF TEXAS
 GARY RUSSELL HORWITZ
 48495
 [Signature]
 INTENDED FOR PERMITTING PURPOSES ONLY 01/26/26

ISSUED FOR PERMITTING

REFERENCE(S)

1. BASE MAP TAKEN FROM © MICROSOFT CORPORATION © 2025 MAXAR CNES (2025) DISTRIBUTION AIRBUS DS © 2025 MICROSOFT BING.COM, ACCESSED OCTOBER 2025.
2. LAND PARCELS TAKEN FROM TEXAS GEOGRAPHIC INFORMATION OFFICE DATED 2025.
3. LAND OWNERSHIP TAKEN FROM HARRIS CENTRAL APPRAISAL DISTRICT DATED 2025.



Title: LAND OWNERSHIP MAP LEGACY GREEN KEOUGH RECYCLING CENTER HOUSTON, TEXAS			
Prepared for: LEGACY GREEN			
	Compiled by: GRH	Date: 11/2025	EXHIBIT IA-1
	Prepared by: FJJ	Scale: AS SHOWN	
	Project Mgr: ATN	Project: 5089.0001H000	
	File: LEGACY GREEN-KEOUGH RECYCLING CENTER-FIGURE IA-1 - LAND OWNERSHIP MAP.DWG		

**Type V Transfer Station Registration Application,
Attachment IA, Land Ownership
*Legacy Green Keough Recycling Center***

ATTACHMENT IA-3

Attachment IA-3
Mailing Labels – Pre-Printed

LMA EXCHANGE #2, LLC
303 W WALL ST STE 2400
MIDLAND, TX 79701

SILVERADO PROPERTIES LLC
9203 EMMOTT RD
HOUSTON, TX 77040-3329

ONE ONE 14 PROPERTIES LLC
6903 GESSNER RD
HOUSTON, TX 77040

OSI 9250 KEOUGH RD LLC
800 BRICKELL AVE STE 904
MIAMI, FL 33131-2966

EMAX PROPERTIES LLC
1122 OAK KNOLL DR
SUGAR LAND, TX 77498-2625

MERAKI INTERESTS INC
9424 W LITTLE YORK RD
HOUSTON, TX 77040-3316

NW HOUSTON LLC
PO BOX 470972
FORT WORTH, TX 76147-0972

7028 GESSNER HOUSTON LLC
13743 FM 529
HOUSTON, TX 77041-2522

ZURICH CAPITAL LLC
12307 LEUCHARS LN
RICHMOND, TX 77407-3446

LALEH INVESTMENTS LLC
7606 BRAE ACRES CT
HOUSTON, TX 77074-4123

CITY OF HOUSTON
PO BOX 1562
HOUSTON, TX 77251-1562

ONE ONE 14 PROPERTIES LLC
6930 GESSNER RD
HOUSTON, TX 77040-3306

MALOAN R R
12319 BEXHILL DR
HOUSTON, TX 77065-2511

ETJ GESSNER LP
1017 N LOOP 1604 E
SAN ANTONIO, TX 78232-1334

MALOAN ROGERS S & VICKI S
12319 BEXHILL DR
HOUSTON, TX 77065-2511

GARCIA OMAR
6927 WINDFERN RD
HOUSTON, TX 77040

USCIF OAK HOLLOW LLC
2300 N FIELD ST STE 1650
DALLAS, TX 75201-2499

SILVA JUVENTINO & BLANCA
5727 ELDRIDGE GLEN DR
HOUSTON, TX 77041-4235

GARCIA OMAR
6931 WINDFERN RD
HOUSTON, TX 77040-4111

COUNTY OF HARRIS
PARCEL 4132-001 (GESSNER RD)
PO BOX 1525
HOUSTON, TX 77251-1525

SILVA BLANCA
5727 ELDRIDGE GLEN DR
HOUSTON, TX 77041

SALANO ANTHONY
6951 WINDFERN RD
HOUSTON, TX 77040-4111

YMCA OF HOUSTON & HARRIS CO
% WILKES RICHARD E
PO BOX 19004
HOUSTON, TX 77224-9004

SUNDANCE SUPPLY CO INC
14655 NORTHWEST FWY STE 127A
HOUSTON, TX 77040-4032

SOLANO JOSE A
8531 BATTLE PLAINS DR
HOUSTON, TX 77040-3640

COUNTY OF HARRIS
YMCA OF HOUSTON
PO BOX 1525
HOUSTON, TX 77251-1525

PERFORMANCE COATINGS INC
PO BOX 40543
HOUSTON, TX 77240-0543

JARRAR HOLDINGS LLC
9119 EMMOTT RD
HOUSTON, TX 77040-3513

9502 WEST LITTLE YORK LLC
PO BOX 496
HOCKLEY, TX 77447-0496

DUBOSE DAVID C
21126 IDLE WIND DR
RICHMOND, TX 77406-7161

RINER MICHAEL
6942 WINDFERN RD
HOUSTON, TX 77040-4112

KB WHITED PROPERTIES LLC
28273 EAGLE CV
MAGNOLIA, TX 77355-5363

TEXAS DEPARTMENT OF
TRANSPORTATION
125E 11 ST
AUSTIN, TX 78701

MULLINS SHAWN D
9141 EMMOTT RD
HOUSTON, TX 77040-3513

SHENKAI PETROLEUM LLC
7040 WINDFERN RD
HOUSTON, TX 77040-4140

STATE OF TEXAS
PARCEL 504 (US HWY 290)
% TX DOT
PO BOX 1386
HOUSTON, TX 77251-1386

MCMILLON ROBERT
9145 EMMOTT RD
HOUSTON, TX 77040-3513

PARK AT EMMOTT
ASSOCIATION INC
9119 EMMOTT RD
HOUSTON, TX 77040-3513

STATE OF TEXAS
PARCEL NO 506 (US 290)
5805 N LAMAR BLVD
AUSTIN, TX 78752-4431

RINER MICHAEL R & JONELL
6942 WINDFERN RD
HOUSTON, TX 77040-4112

BAKER SERVICE TOOLS
PO BOX 4740
HOUSTON, TX 77210-4740

STATE OF TEXAS
PARCEL NO 507
PO BOX 1386
HOUSTON, TX 77251

MCMILLON ROBERT L
18406 DRIFTWOOD SHORES CT
CYPRESS, TX 77433-4047

ATLAS FLUID CONTROLS
CORPORATION
9206 EMMOTT RD STE A
HOUSTON, TX 77040-3328

COLE CREEK ESTATES LTD
1500 N POST OAK RD STE 190
HOUSTON, TX 77055-5487

NGUYEN KIM N
9434 WALNUT BROOK CT
HOUSTON, TX 77040-7644

KAST JUDY A
206 S TRACE DR
LUFKIN, TX 75901

LENER INVESTMENTS LLC
PO BOX 40010
HOUSTON, TX 77240-0010

THE WESTON BUILDING LLC
9127 EMMOTT RD
HOUSTON, TX 77040-3513

BIZCOM ELECTRONICS INC
1361 EL CAMINO REAL
SANTA CLARA, CA 95050-4280

PATEL PURUSHOTTAM G
9521 W LITTLE YORK RD
HOUSTON, TX 77040-3317

MSSD INVESTMENT
PROPERTIES LLC
2300 DELANTE ST
HALTOM CITY, TX 76117-5339

STRETCH MYERS HOLDINGS LTD
17349 BELL NORTH DR STE 200
SCHERTZ, TX 78154-3359

YU HAG YONG
9515 W LITTLE YORK RD
HOUSTON, TX 77040-3317

ANTLER INVESTMENTS LLC
7020 WINDFERN RD
HOUSTON, TX 77040-4140

BLP HOLDINGS LLC
227 W MONROE ST 27TH FLR
CHICAGO, IL 60606-5081

D & D HOLDINGS LLC
% DON WILLMOTH
9445 W LITTLE YORK RD
HOUSTON, TX 77040-3315

GROOVE TECHNOLOGIES LLC
PO BOX 208
ROUND TOP, TX 78954-0208

LENER INVESTMENTS LLC
14007 PERTSHIRE RD
HOUSTON, TX 77079-8700

BAKER INVESTORS GROUP LLC
1110 HAYE RD
FRIENDSWOOD, TX 77546-1426

AURUM GANPATI LLC
10830 S MAIN ST
HOUSTON, TX 77025-5553

HARRIS COUNTY FLOOD CONTROL
DISTRICT
TRACT 06-807-0
9900 NORTHWEST FWY
HOUSTON, TX 77092-8601

YORK PARTNERS I INC
PO BOX 959
TOMBALL, TX 77377-0959

ALLEGIANCE BANK
8727 W SAM HOUSTON PKWY N
HOUSTON, TX 77040-5167

HARRIS COUNTY FLOOD CONTROL
DISTRICT
TRACT 06-802-0
9900 NORTHWEST FWY
HOUSTON, TX 77092-8601

MOSAFFA REZA
9218 BRAHMS LN
HOUSTON, TX 77040-2465

PLATINUM LAXMI LLC
8109 W LITTLE YORK RD
HOUSTON, TX 77040-5315

HARRIS COUNTY FLOOD CONTROL
DISTRICT
TRACT 06-809-0
9900 NORTHWEST FWY
HOUSTON, TX 77092-8601

WLY VENTURES LLC
18023 CALLANDER AVE
HOUSTON, TX 77040

HARRIS COUNTY FLOOD CONTROL
DISTRICT
TRACT 06-814-0
9900 NORTHWEST FWY
HOUSTON, TX 77092-8601

HARRIS COUNTY FLOOD CONTROL
DISTRICT
TRACT 06-813-0
9900 NORTHWEST FWY
HOUSTON, TX 77092-8601

KUBECZKA JULIAN
5825 W SAM HOUSTON PKWY N
HOUSTON, TX 77041-5137

HARRIS COUNTY FLOOD CONTROL
DISTRICT
TRACT 06-820 0
9900 NORTHWEST FWY
HOUSTON, TX 77092-8601

HARRIS COUNTY FLOOD CONTROL
DISTRICT
TRACT 08-8010
9900 NORTHWEST FWY
HOUSTON, TX 77092-8601

ROJAS SAMUEL
5810 PEBBLE BANK LN
HOUSTON, TX 77041-6847

HARRIS COUNTY FLOOD CONTROL
DISTRICT
TRACT 06-801-0
9900 NORTHWEST FWY
HOUSTON, TX 77092-8601

HARRIS COUNTY FLOOD CONTROL
DISTRICT
TRACT 06-810-0
9900 NORTHWEST FWY
HOUSTON, TX 77092-8601

BALLI PAUL
13011 CANYON ECHO DR
HOUSTON, TX 77065-5296

HARRIS COUNTY FLOOD CONTROL
DISTRICT
TRACT 06-815-OM (DIST BUYOUT)
9900 NORTHWEST FWY
HOUSTON, TX 77092-8601

HARRIS COUNTY FLOOD CONTROL
DISTRICT
TRACT 06-803
9900 NORTHWEST FWY
HOUSTON, TX 77092-8601

AGUILAR PEDRO & JOSEFA
10702 HEATHERFORD CT
HOUSTON, TX 77041-8404

HARRIS COUNTY FLOOD CONTROL
DISTRICT
TRACT 28-8900
9900 NORTHWEST FWY
HOUSTON, TX 77092-8601

HARRIS COUNTY FLOOD CONTROL
DISTRICT
TRACT 06-806-0
9900 NORTHWEST FWY
HOUSTON, TX 77092-8601

LANGSTON TAMA H
17615 WILD WILLOW LN
HOUSTON, TX 77084-1149

HARRIS COUNTY FLOOD CONTROL
DISTRICT
TRACT 06-808-0
9900 NORTHWEST FWY
HOUSTON, TX 77092-8601

GRAY BRIAN M & LEONICKA
9202 COLE CREEK DR
HOUSTON, TX 77040-3302

MEJIA IGNACIO M
4803 MARBURG
HOUSTON, TX 77066-4727

HARRIS COUNTY FLOOD CONTROL
DISTRICT
TRACT 06-819 0
9900 NORTHWEST FWY
HOUSTON, TX 77092-8601

CLARK JOHN W
7834 BATRTLEPINE DR
HOUSTON, TX 77040-2723

JARRAR HOLDINGS
9119 EMMOTT RD
HOUSTON, TX 77040-3513

DUBOSE DAVID C
21126 IDLE WIND DR
RICHMOND, TX 77406-7161

NATIONAL REALTY DEV CORP
PO BOX 825
EASTON, MD 21601-8915

EKH / AAM TRUST
1807 LAKE ST
LAKE CHARLES, LA 70601-5771

NATIVE LAND INVESTMENTS LTD
22101 W STATE HWY 71
SPICEWOOD, TX 78669-6635

BNB LEASING INC
8703 CHALLIS PARK CT
HOUSTON, TX 77040-2231

HARRIS COUNTY FLOOD CONTROL
DISTRICT
TRACT 06-805-0
9900 NORTHWEST FWY
HOUSTON, TX 77092-8601

EPHESIANS 320 INC
9125 EMMOTT RD
HOUSTON, TX 77040-3513

WLY VENTURES LLC
1110 HAYE RD
FRIENDSWOOD, TX 77546-1426

WESTON BUILDING LLC
9127 EMMOTT RD
HOUSTON, TX 77040-3513

GARFIAS PEREZ OSCAR
7111 WHITE OAK CIR
HOUSTON, TX 77040-3524

PARK AT EMMOTT ASSOCIATION
INC
9119 EMMOTT RD
HOUSTON, TX 77040-3513

EMMOTT BUSINESS PARK LLC
9402 BRAESHEATHER CT
HOUSTON, TX 77096-4201

PRITCHARD ABBOTT INC
6950 EMPIRE CENTRAL DR
HOUSTON, TX 77040-3204

AVANCE BIOSCIENCES INC
9770 W LITTLE YORK RD
HOUSTON, TX 77040-3342

CYPRESS REAL ESTATE
INVESTMENTS INC
PO BOX 40304
HOUSTON, TX 77240-0304

Type V Transfer Station Registration Application, Part I
Legacy Green Keough Recycling Center

ATTACHMENT IB

Attachment IB
Legal Description & Registration Boundary

STATE OF TEXAS

§
§
§
§
§

COUNTY OF HARRIS

A TRACT OR PARCEL OF LAND CONTAINING 2.1425 ACRES, (93,326 SQUARE FEET), BEING THAT CERTAIN CALLED 0.1404 ACRE TRACT OF LAND SITUATED IN THE W. K. HAMBLIN SURVEY, ABSTRACT NO. 317, HARRIS COUNTY, TEXAS, ALONG WITH AND IN ADDITION TO THAT CERTAIN CALLED 2.00 ACRE TRACT OF LAND BEING A PORTION OF LOT 3, HAHL'S SUBURBAN FARMS, SUBDIVISION "L", A SUBDIVISION IN HARRIS COUNTY, TEXAS, ACCORDING TO THE MAP OR PLAT THEREOF RECORDED IN VOLUME 725, PAGE 641, OF THE DEED RECORDS OF HARRIS COUNTY, TEXAS, SAID 2.1425 ACRE TRACT OF LAND BEING SAID 0.1404 ACRE TRACT OF LAND AND SAID 2.00 ACRE TRACT OF LAND AS CONVEYED TO KEOUGH/GESSNER, LLC BY INSTRUMENT RECORDED IN DOCUMENT NO. RP-2018-233352 AND BEING DESCRIBED BY INSTRUMENT RECORDED IN DOCUMENT NO. RP-2017-13674 OF THE OFFICIAL PUBLIC RECORDS OF HARRIS COUNTY, TEXAS, SAID 2.1425 ACRE TRACT OF LAND BEING MORE PARTICULARLY DESCRIBED BY METES AND BOUNDS AS FOLLOWS: (BEARING BASIS: DOCUMENT NO. RP-2023-401718 OF THE OFFICIAL PUBLIC RECORDS OF HARRIS COUNTY, TEXAS).

BEGINNING at a capped, (Precision Surveyors), iron rod set for the intersection of the east right-of-way line of Gessner Road, (no deed found), with the north right-of-way line of Keough Road, (60.00 foot right-of-way per Document No. RP-2017-13674 of the Official Public Records of Harris County, Texas), same being the southwest corner of said 0.1404 Acre Tract, same being the southwest corner and the POINT OF BEGINNING of the herein described tract;

Thence, N 02°28'49" W, along the east right-of-way line of Gessner Road, same being the common line of said 0.1404 Acre Tract, a distance of 361.20 feet, (Call 361.16 feet), to a 5/8" iron rod found for the southwest corner of the remainder of that certain called 8.736 acre tract of land as conveyed to Jarrar Holdings, LLC by instrument recorded in Document No. 20100251740 of the Official Public Records of Harris County, Texas, same being the northwest corner of said 0.1404 Acre Tract, same being the northwest corner of the herein described tract;

Thence, N 87°35'38" E, along the common line of the remainder of said 8.736 Acre Tract and said 0.1404 Acre Tract, pass at a distance of 17.08 feet the north common corner of said 0.1404 Acre Tract and said 2.00 Acre Tract, and continuing for a total distance of 258.42 feet to a capped iron rod found for the northwest corner of that certain called 2.793 acre tract of land as conveyed to JCFI 9250 Keough SPE, LLC by instrument recorded in Document No. RP-2023-401718 of the Official Public Records of Harris County, Texas, same being the northeast corner of said 2.00 Acre Tract, same being the northeast corner of the herein described tract;

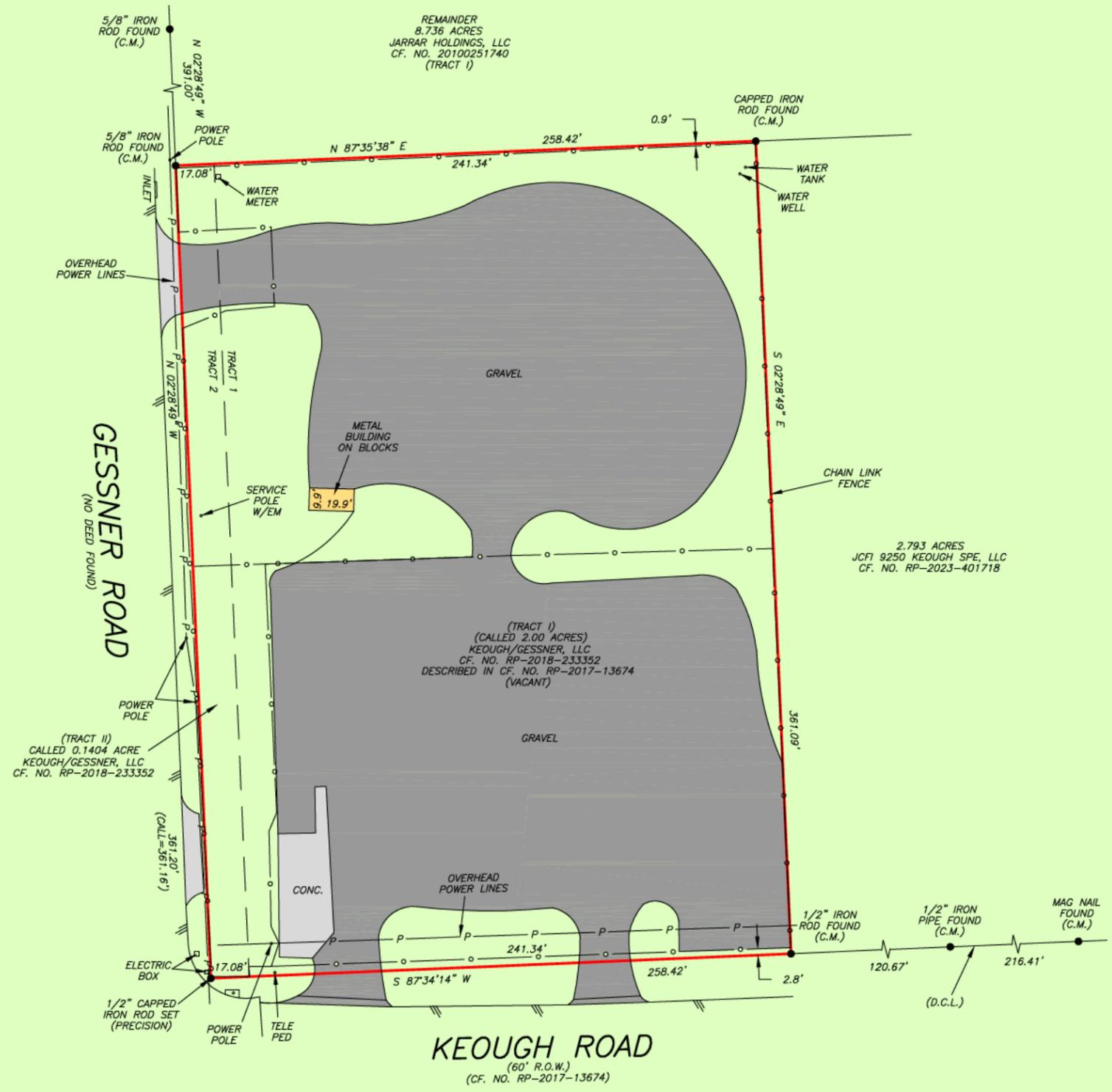
Thence, S 02°28'49" E, along the common line of said 2.793 Acre Tract and said 2.00 Acre Tract, a distance of 361.09 feet to a 1/2" iron rod found on the north right-of-way line of Keough Road for the southwest corner of said 2.793 Acre Tract, same being the southeast corner of said 2.00 Acre Tract, same being the southeast corner of the herein described tract;

Thence, S 87°34'14" W, along the north right-of-way line of Keough Road, same being the common line of said 2.00 Acre Tract, pass at a distance of 241.34 feet the south common corner of said 2.00 Acre Tract and said 0.1404 Acre Tract, and continuing for a total distance of 258.42 feet to the POINT OF BEGINNING and containing 2.1425 acres or 93,326 square feet, more or less.



James E. Moseley
Registered Professional Land Surveyor,
No. 5912
Job No. 2025-04957
June 19, 2025

See Drawing Attached



SCALE: 1" = 60'

GF NO. 25-864153-HC CAPITAL TITLE
ADDRESS: 9420 KEOUGH ROAD
HOUSTON, TEXAS 77040
BORROWER: LEGACY GREEN LLC

**2.1425 ACRES
TRACT 1
OUT OF LOT 3
HAHL'S SUBURBAN FARMS
SUBDIVISION "L"**

ACCORDING TO THE MAP OR PLAT THEREOF RECORDED
IN VOLUME 725, PAGE 641 OF THE DEED RECORDS
OF HARRIS COUNTY, TEXAS

**TRACT 2
SITUATED IN THE W.K. HAMBLIN SURVEY
ABSTRACT NO. 317
HARRIS COUNTY, TEXAS**
(SEE ATTACHED METES AND BOUNDS DESCRIPTION)

NOTE: EASEMENT AND/OR BUILDING LINES PER VOL. 725, PG. 641.
NOTE: EASEMENT PER CF. NO. DOB3165.
NOTE: EASEMENT PER CF. NO. N398450.
NOTE: EASEMENT CREATED PURSUANT TO EMINENT DOMAIN
PROCEEDINGS PER CF. NOS. N657046 AND N725744.
NOTE: MAY BE SUBJECT TO DEED RESTRICTIONS AND/OR
ADDITIONAL GOVERNMENTAL BUILDING REQUIREMENTS.



THIS PROPERTY DOES NOT LIE WITHIN THE
100 YEAR FLOOD PLAIN AS PER FIRM
PANEL NO. 48201C 0635 M
MAP REVISION: 06/09/2014
ZONE X
BASED ONLY ON VISUAL EXAMINATION OF MAPS.
INACCURACIES OF FEMA MAPS PREVENT EXACT
DETERMINATION WITHOUT DETAILED FIELD STUDY.

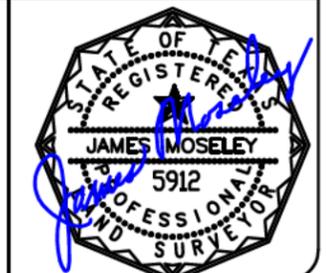
A SUBSURFACE INVESTIGATION
WAS BEYOND THE SCOPE OF THIS SURVEY

D.C.L. = DIRECTIONAL CONTROL LINE
RECORD BEARING: CF. NO. RP-2023-401718

DRAWN BY: RE

I HEREBY CERTIFY THAT THIS SURVEY WAS MADE
ON THE GROUND, THAT THIS PLAT CORRECTLY
REPRESENTS THE FACTS FOUND AT THE
TIME OF SURVEY AND THAT THERE ARE NO
ENCROACHMENTS APPARENT ON THE GROUND,
EXCEPT AS SHOWN HEREON. THIS SURVEY IS
CERTIFIED FOR THIS TRANSACTION ONLY AND
ABSTRACTING PROVIDED IN THE ABOVE
REFERENCED TITLE COMMITMENT WAS RELIED
UPON IN PREPARATION OF THIS SURVEY.

JAMES E. MOSELEY
PROFESSIONAL LAND SURVEYOR
NO. 5912
JOB NO. 25-04957
JUNE 17, 2025



Capital Title

KRISTIN PUTNAM
832-559-7243



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FIRM NO. 10063700

Type V Transfer Station Registration Application, Part I
Legacy Green Keough Recycling Center

ATTACHMENT IC

Attachment IC
Legal Authority

FRANCHISE TAX ACCOUNT STATUS

This record as of December 2, 2025 at 15:51:43

LMA EXCHANGE #2, LLC

Texas Taxpayer Number: 32095841709

Mailing Address: 303 W WALL ST STE 2400
MIDLAND, TX 79701 - 5115

Right to Transact Business in Texas: ACTIVE

State of Formation: TX

SOS Registration Status (SOS status updated each business day): ACTIVE

Effective SOS Registration Date: 07/08/2024

Texas SOS File Number: 0805615529

Registered Agent Name: ALAN J BROWN

Registered Office Street Address: 303 W WALL STREET SUITE 2400
MIDLAND, TX 79701

Public Information Report for Year 2025

Title	Name and Address	
MEMBER	PSI 1031, LLC , Source: CPA	

FRANCHISE TAX ACCOUNT STATUS

This record as of January 9, 2026 at 08:47:04

LEGACY GREEN LLC

Texas Taxpayer Number: 32097434727

Mailing Address: 1415 S VOSS RD STE 110-549
HOUSTON, TX 77057 - 1086

Right to Transact Business in Texas: ACTIVE

State of Formation: TX

SOS Registration Status (SOS status updated each business day): ACTIVE

Effective SOS Registration Date: 11/05/2024

Texas SOS File Number: 0805770946

Registered Agent Name: AUSTIN FATJO

Registered Office Street Address: 9420 KEOUGH ROAD
HOUSTON, TX 77040

Public Information Report for Year 2025

Title	Name and Address	
President	Austin Fatjo 1415 S. Voss Road, Suite 110-549 Houston, Texas 77057 Source: CPA	

Type V Transfer Station Registration Application, Part I
Legacy Green Keough Recycling Center

ATTACHMENT ID

Attachment ID
Appointments

Legacy Green LLC

9420 Keough Rd
Houston, Texas 77040

January 9, 2026

Ms. Megan Henson, Section Manager
Texas Commission on Environmental Quality (TCEQ)
Municipal Solid Waste Permits Section, Waste Permits Division, MC-124
12100 Park 35 Circle, Bldg. F
Austin, Texas 78753

Subject: Notice of Appointment of Engineer
Legacy Green Keough Recycling Center
Type V Transfer Station
Registration Application
9420 Keough Rd
Houston, Texas 77040

Dear Ms. Henson,

This is to advise you that Legacy Green LLC has duly appointed Mr. Gary Horwitch, P.E. of Roux Associates, Inc. ("Roux") as the consulting and design engineer for the purpose of submitting documentation for a Registration Application (RA) for the Legacy Green Keough Recycling Center, including but not limited to drawings, calculations, reports, planning materials, plans and specifications, and other documents as may be required for the RA.

We hereby authorize him to act on our behalf during your review of the RA and the supporting documentation for the Legacy Green Keough Recycling Center. If you have any questions, please let us know.

Sincerely,

Legacy Green LLC



Austin Fatjo

Owner/President

Type V Transfer Station Registration Application, Part I
Legacy Green Keough Recycling Center

ATTACHMENT IE

Attachment IE
Application Fee Payment

Your transaction is complete. Thank you for using TCEQ ePay.

Note: It may take up to 3 working days for this electronic payment to be processed and be reflected in the TCEQ ePay system. Print this receipt and the vouchers for your records. An email receipt has also been sent.

Transaction Information

Trace Number: 582EA000706330
Date: 01/09/2026 01:43 PM
Payment Method: CC - Authorization 000000742G
ePay Actor: AUSTIN FATJO
Actor Email:
IP: 104.156.237.164
TCEQ Amount: \$150.00
Texas.gov Fee: \$3.63
Texas.gov Price: \$153.63*

* This service is provided by Texas.gov, the official website of Texas. The price of this service includes funds that support the ongoing operations and enhancements of Texas.gov, which is provided by a third party in partnership with the State.

Payment Contact Information

Name: AUSTIN FATJO
Company: LEGACY GREEN
Address: 9420 KEOUGH ROAD, HOUSTON, TX 77040
Phone: 713-882-8850

Cart Items

Click on the voucher number to see the voucher details.

Table with 4 columns: Voucher, Fee Description, AR Number, Amount. Includes rows for vouchers 804588 and 804589, and a total TCEQ Amount of \$150.00.

ePay Again Exit ePay

Note: It may take up to 3 working days for this electronic payment to be processed and be reflected in the TCEQ ePay system. Print this receipt for your records.



Type V Transfer Station Registration Application, Part II Report

Legacy Green Keough Recycling Center
Houston, Harris County, Texas

Prepared for:

Legacy Green LLC
9420 Keough Rd
Houston, Texas 77040

Prepared by:

Roux Associates, Inc.
Texas Registered Engineering Firm F-13676
19450 State Highway 249, Suite 260
Houston, Texas 77070

INTENDED FOR PERMITTING PURPOSES ONLY

JANUARY 2026



Table of Contents

1. Waste Acceptance Plan 30 TAC §330.61(b).....	1
1.1 Sources and Characteristics of Wastes 30 TAC §330.61(b)(1).....	1
1.1.1 Waste Types and Generation Areas	1
1.2 Projected Waste Acceptance Rate 30 TAC §330.61(b)(1)(A) – (B).....	3
1.3 Registration Application Qualification 30 TAC §330.61(b)(2).....	4
2. Existing Conditions Summary 30 TAC §330.61(a).....	5
2.1 Maps and Figures 30 TAC §330.61.....	5
2.1.1 General Location Maps 30 TAC §330.61(c).....	6
2.1.2 Facility Layout Maps 30 TAC §330.61(d).....	7
2.1.3 General Topographic Maps 30 TAC §330.61(e).....	7
2.1.4 Aerial Photograph 30 TAC §330.61(f).....	8
2.1.5 Land Use Map 30 TAC §330.61(g).....	8
2.2 Impact on Surrounding Area 30 TAC §330.61(h).....	8
2.2.1 Zoning 30 TAC §330.61(h)(1).....	8
2.2.2 Land Use Characterization 30 TAC §330.61(h)(2),(4).....	8
2.2.3 Growth Trends within Five Miles 30 TAC §330.61(h)(3).....	9
2.2.4 Proximity to Residences and Other Uses 30 TAC §330.61(h)(4).....	10
2.2.5 Wells Within 500 Feet 30 TAC §330.61(h)(5).....	11
2.3 Transportation Analysis 30 TAC §330.61(i)(1)-(4).....	12
2.4 Notice to the Airport and FAA 30 TAC §330.545(b).....	12
2.5 Geology and Soils 30 TAC §330.61(j).....	12
2.6 Groundwater and Surface Water 30 TAC §330.61(k).....	13
2.6.1 Groundwater Conditions 30 TAC §330.61(k)(1).....	13
2.6.2 Surface Water Conditions 30 TAC §330.61(k)(2).....	13
2.6.3 Texas Pollutant Discharge Elimination System Compliance 30 TAC §330.61(k)(3).....	14
2.6.4 Information on How Facility Will Comply with Texas Pollution Discharge Elimination System 30 TAC §330.61(k)(3)(A).....	14
2.6.5 Copy of Permit No. Under Individual Wastewater Permit 30 TAC §330.61(k)(3)(B).....	14
2.7 Abandoned Oil and Water Wells 30 TAC §330.61(l).....	14
2.8 Floodplains and Wetlands 30 TAC §330.61(m).....	14
2.8.1 Provide Statement to Whether Facility Is Within 100 Year Floodplain 30 TAC §330.61(m)(1).....	15
2.8.2 Facility Shall Not Restrict the Flow, Reduce Storage Capacity, or Result in Washout 30 TAC §330.547(b).....	15
2.8.3 Storage and Processing Facilities are Located Outside of 100 Year Floodplain 30 TAC §330.547(c).....	15
2.8.4 Wetlands 30 TAC §330.61(m)(2).....	15
2.9 Endangered or Threatened Species 30 TAC §330.61(n).....	15
2.9.1 Endangered or Threatened Species Assessment	16
2.10 Texas Historical Commission 30 TAC §330.61(o).....	16
2.11 Council of Governments 30 TAC §330.61(p).....	16
2.12 Easement and Buffer Zones 30 TAC §330.543(a).....	16

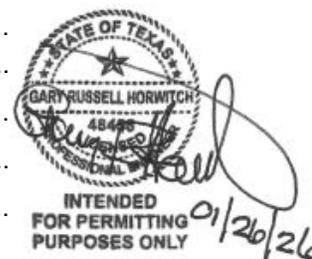


Table of Contents (Cont'd)

Tables

Table II-1	Waste Acceptance Rate Projection.....	3
Table II-2	TCEQ Permitted Landfill for Waste Disposal	4
Table II-3	List of Maps and Figures.....	5
Table II-4	Land Use Within a One-Mile Radius.....	9
Table II-5	Growth Trends Average Annual Growth Rate	9
Table II-6	Site Soils	12

Figures

Figure II-1	Site Layout Plan
Figure II-2	Wind Rose
Figure II-3	Water Well and Surface Water Location Map
Figure II-4	Detail of Facility Access Routes
Figure II-5	Major Access Roadway within 1 Mile of the Facility
Figure II-6	Traffic Volume Map
Figure II-6A	Gessner Rd One-Way AADTs
Figure II-6B	W Little York Rd One-Way AADTs
Figure II-7	Land Use Map
Figure II-8	Items Listed in §330.61 (c)(4) and (12) on 2025 Aerial Photograph
Figure II-8A	Items Listed in §330.61 (c)(4) and (12)
Figure II-9A	Facility Location On 2020 Aerial Photograph
Figure II-9B	Facility Location On 2015 Aerial Photograph
Figure II-9C	Facility Location On 2010 Aerial Photograph
Figure II-9D	Facility Location On 2005 Aerial Photograph
Figure II-9E	Facility Location On 2000 Aerial Photograph
Figure II-10	Nearby Airport Locations Map
Figure II-11	NRCS Soil Survey Map
Figure II-12	TRRC Oil and Well Search
Figure II-13	FEMA Flood Insurance Rate Map
Figure II-14	Site Development Plan – Existing Site Layout
Figure II-15	Site Development Plan – Proposed Site Layout



Table of Contents (Cont'd)

Attachments

Attachment IIA	Water Well Database
Attachment IIB	Agency Coordination Correspondence
IIB-1	Texas Department of Transportation (TxDOT)
IIB-2	Federal Aviation Administration
IIB-3	United States Army Corps of Engineers
IIB-4	Texas Parks and Wildlife Department (TPWD)
IIB-5	Texas Historical Commission (THC)
IIB-6	Houston-Galveston Area Council (H-GAC)
IIB-7	Harris County Precinct 1



1. Waste Acceptance Plan 30 TAC §330.61(b)

The proposed Legacy Green Keough Recycling Center (Facility) will be a Type V Transfer Station occupying the entire 2.14-acre tract owned by LMA EXCHANGE #2, LLC. The Facility is located at 9420 Keough Rd, Houston, Texas. The Facility will include a pre-engineered metal building, office trailer, a scale and a scale house, and gated entrance and exit. The Site Layout Plan is provided as **Figure II-1**.

The Legacy Green Keough Recycling Center public access entrance will be off Gessner Rd as shown on **Figure II-15**, Site Development Plan – Proposed Site Layout. Access via Keough Rd will be restricted exclusively to staff and visitor vehicles.

After entering the facility, incoming transfer vehicles will circulate around the Waste Storage Processing Structure (WSPS) and stop at the scale for weighing before proceeding to the at-grade unloading bay on the west end of the WSPS to unload. Once unloaded, transfer vehicles will exit the facility and return to Gessner Rd.

Outgoing transport vehicles carrying recyclable and non-recyclable materials will proceed through the transfer loading area on the eastern side of the WSPS for loading, stop at the scale for weighing, and then exit via Gessner Rd.

1.1 Sources and Characteristics of Wastes 30 TAC §330.61(b)(1)

The acceptable waste characteristics, waste restrictions, general sources and service areas, waste rates, and storage and disposal requirements for the proposed Facility are summarized in the following sections. There are no known waste constituents or characteristics in the acceptable waste stream that could be a limiting parameter that may impact or influence the design and operation of the Facility.

1.1.1 Waste Types and Generation Areas

This Facility will be authorized to receive permitted wastes as defined below. Recycling will be performed at the Facility for this registration. The Facility will be open for waste acceptance 24 hours per day, 7 days per week. The Facility will accept waste from Harris County and the counties included in the Houston-Galveston Area Council (H-GAC).

Waste acceptance and subsequent processing for re-use is based upon the types of wastes that make up the incoming waste stream. General operations will be conducted in a manner that allows the prompt and efficient unloading of waste. The waste will be discharged from the collection vehicles onto the Facility processing floor (tipping floor) within the WSPS. It is expected that a maximum of 1,150 tons of solid waste and recyclable materials will be stored at the Facility at any time. This will consist of the materials in the tipping floor and materials in the various stages of processing and recycling within the WSPS.

Based on this historical estimate of the solid waste data for the Facility, it is expected that a typical unit of non-recyclable solid waste arriving at Facility would, at a maximum, remain on Facility for approximately two days. The average length of time solid waste will remain on Facility is one day. This includes the time for waste processing and the time to fill a container for transportation to an off-site TCEQ permitted disposal facility or to a third-party recycler.

The composition of permitted waste the Facility has received for material recovery consists of the following types of materials:

- Untreated Lumber – Untreated lumber includes boards, strip lumber, plywood, particleboard, and paneling;
- Untreated Sheetrock – Untreated sheetrock will be recycled or disposed at a TCEQ permitted facility; any painted or chemically treated sheetrock will not be recycled;
- Cardboard;
- Clean Wood and Clean Brush Debris – Clean wood and clean brush debris includes trees, branches, limbs, leaves, grass cuttings, brush, and other organic vegetation;
- Inert Fill Materials – Inert fill materials include bricks, stones, concrete, soil, gravel, sand, and dirt;
- Treated Lumber – Treated lumber includes boards and strip lumber that has been treated with chemical agents. Also included in this category is lumber, plywood, or other process wood materials with painted surfaces;
- Durable Plastics and Metals – Durable plastics and metals include polyvinyl chloride (PVC), high density polyethylene (HDPE), and linear low density polyethylene (LLDPE) pipe, metal pipe and frames, sheet metal, and other similar materials. This material usually comes in the form of pipes, fittings, buckets, and sheet metal; and
- Other – Miscellaneous debris includes paper, glass, plastic sheeting, felt, shingles, paint cans, tubes, e-waste, ballast, fluorescent light fixtures, or other spent construction related products or containers.

These wastes are referred to as permitted wastes in the remainder of this RA.

The Facility will not accept the following wastes:

- Household garbage;
- Putrescible wastes;
- Liquid wastes;
- Special wastes;
- Special waste from health-care-related facilities;
- Municipal wastewater treatment plant sludges, other types of domestic sewage treatment plant sludges, and water-supply treatment plant sludges;
- Septic tank pumping;
- Grease and grit trap wastes;
- Wastes from commercial or industrial wastewater treatment plants; air pollution control facilities; and tanks, drums, or containers used for shipping or storing any material that has been listed as a hazardous constituent in 40 Code of Federal Regulations (40 CFR), Part 261, Appendix VIII but has not been listed as a commercial chemical product in 40 CFR, §261.33(e) or (f);
- Slaughterhouse wastes;
- Dead animals;
- Pesticide (insecticide, herbicide, fungicide, or rodenticide) containers in accordance with 30 TAC §330.136(b)(5);
- Discarded materials containing asbestos;

- Incinerator ash;
- Soil contaminated by petroleum products, crude oils, or chemicals;
- Hazardous waste;
- PCB waste;
- Radioactive waste;
- Unknown chemical or containerized waste;
- White goods containing chlorinated fluorocarbons (CFCs);
- Used oil filters;
- Used oil;
- Class 1 non-hazardous industrial waste;
- Class 2 non-hazardous industrial waste; and
- Regulated Asbestos Containing Materials (RACM).

1.2 Projected Waste Acceptance Rate 30 TAC §330.61(b)(1)(A) – (B)

The transfer station is planned to primarily serve Harris County and the counties included in the H-GAC. The projected maximum amount of waste to be received daily and annually for the next five years of the Facility operation is presented in **Table II-1**.

Table II-1. Waste Acceptance Rate Projection

Year of Operation	Projected Maximum Daily Waste Acceptance Rate (CY/Ton)	Projected Maximum Annual Waste Acceptance Rate (CY/Ton) *
1 st year	4,600/1,150	1,679,000/419,750
2 nd year	4,600/1,150	1,679,000/419,750
3 rd year	4,600/1,150	1,679,000/419,750
4 th year	4,600/1,150	1,679,000/419,750
5 th year	4,600/1,150	1,679,000/419,750

Notes:

* Assume 500 pounds per cubic yard.

Initially, Phase A will be constructed, with Phase B to follow based on market conditions. The TCEQ will inspect and approve Phase B prior to usage for solid waste operations.

Based upon the generation rates discussed above, considering the average gate weight of the incoming waste stream (residential and commercial construction and demolition sites) of approximately 500 pounds per cubic yard and the average of 5 pounds of waste generated daily per person, the population equivalent served by the Facility is calculated as follows:

Population Equivalent = 4,600 CY × 500 lb/CY ÷ 5 lb/person/ day = 460,000 persons per day at full operations.

The Facility will recover a minimum of 10% or more by the weight of the incoming waste stream. The recovered waste streams will be sold to recyclers for re-usage.

1.3 Registration Application Qualification 30 TAC §330.61(b)(2)

The Legacy Green Keough Recycling Center qualifies for a registration in accordance with 30 TAC §330.9(e) as it meets all of the following requirements:

- Materials recovery at the facility will be 10% or more by weight or weight equivalent of the total incoming waste stream.
- Transfer remaining non-recyclable waste to a landfill not more than 50 miles from the Facility. At the present time, the Facility proposed to utilize the following permitted landfills for disposing of their non-recycled materials:

Table II-2. TCEQ Permitted Landfill for Waste Disposal

Landfill Name	Type	Permit Number	Distance to Landfill (miles)
Hawthorne Park Landfill	IV	2185	1.5
Fairbanks Landfill	IV	1565B	2
Greenhouse Road Landfill	IV	1599B	10.5
Tall Pines Disposal Facility	IV	2304A	12
Sprint Fort Bend County Landfill	IV	1797B	16
Lonestar Recycling & Disposal	IV	2344	20

Source: TCEQ, November 2025, Active Municipal Solid Waste Landfills in Texas.

2. Existing Conditions Summary 30 TAC §330.61(a)

The proposed Legacy Green Keough Recycling Center will occupy the entire 2.14-acre tract owned by LMA EXCHANGE #2, LLC and will be operated by Legacy Green LLC.

The following sections summarize existing site conditions of both the proposed facility and the surrounding area that may require special design considerations and possible mitigation of conditions identified in accordance with 30 TAC §330.61(h)-(o).

The main topics include land use and zoning, population growth trends, locations of water and oil/gas wells, prevailing wind direction, transportation analysis, general geology, soils, groundwater and surface water information, and floodplain, wetlands, and endangered species data.

2.1 Maps and Figures 30 TAC §330.61

The following maps and figures are provided in this application. These maps and figures are provided in addition to those maps provided in Part I. Collectively, these maps accurately show the proximity of the Facility to surrounding features. Table II-3 below lists the general location maps and other specific maps required by §330.59, pertaining to contents of Part I of the application, and §330.61, pertaining to Part II of the application.

Table II-3. List of Maps and Figures

Figure	Title	Citation
Part II Maps and Figures		
Facility Layout Maps 30 TAC §330.61(d)		
II-1	Site Layout Plan	30 TAC §330.61(d)(1-8)
General Topographic Maps 30 TAC §330.61(e)		
I-4A	General Topographic Map	30 TAC §330.61(e)
I-4B	Site Topographic Survey Map	
Aerial Photograph 30 TAC §330.61(f)		
I-3	Aerial Photograph	30 TAC §330.61(f)
II-9A	Facility Location on 2020 Aerial Photograph	30 TAC §330.61(f)
II-9B	Facility Location on 2015 Aerial Photograph	30 TAC §330.61(f)
II-9C	Facility Location on 2010 Aerial Photograph	30 TAC §330.61(f)
II-9D	Facility Location on 2005 Aerial Photograph	30 TAC §330.61(f)
II-9E	Facility Location on 2000 Aerial Photograph	30 TAC §330.61(f)
General Location Maps 30 TAC §330.61(c)		
II-2	Wind Rose	30 TAC §330.61(c)(1)
II-3	Water Well and Surface Water Location Map	30 TAC §330.61(c)(2)
II-1	Site Layout Plan	30 TAC §330.61(c)(3)

Figure	Title	Citation
II-8	Items Listed in 30 TAC §330.61(c)(4) and (12) on 2025 Aerial Photograph	30 TAC §330.61(c)(4) and (12)
II-8A	Items Listed in 30 TAC §330.61(c)(4) and (12)	30 TAC §330.61(c)(4) and (12)
II-7	Land Use Map	30 TAC §330.61(g)
II-5	Major Access Roadway within 1 Mile of the Facility	30 TAC §330.61(c)(5)
II-10	Nearby Airport Locations Map	30 TAC §330.61(c)(8)
I-5	Drainage, Pipeline, Access, and Utility Easement Location Map	30 TAC §330.61(c)(10)
Land Use Map 30 TAC §330.61(g)		
II-7	Land Use Map	30 TAC §330.61(g)
Other Maps and Figures 30 TAC §330.61		
II-4	Detail of Facility Access Routes	
II-6	Traffic Volume Map	30 TAC §330.61(i)(2)
II-6A	Gessner Rd One-Way AADTs	30 TAC §330.61(i)(2)
II-6B	W Little York Rd One-Way AADTs	30 TAC §330.61(i)(2)
II-11	NRCS Soil Survey Map	30 TAC §330.61(j)
II-12	TRRC Oil and Well Search	30 TAC §330.61(l)(2)
II-13	FEMA Flood Insurance Rate Map	30 TAC §330.61(m)
II-14	Site Development Plan – Existing Site Layout	30 TAC §330.61 (c)(11), 30 TAC §330.61 (d)
II-15	Site Development Plan – Proposed Site Layout	30 TAC §330.61 (c)(11), 30 TAC §330.61 (d)
Part I Maps and Figures		
I-1	General Location Map	30 TAC §330.59(c)(2)
I-2	Site Location Map	30 TAC §330.59(c)(2)
IA-1	Land and Mineral Interest Ownership Map	30 TAC §330.59(c)(3)
Attachment B	Exhibit Plat of Registration Boundary Survey	30 TAC §330.59(d)(1)

2.1.1 General Location Maps 30 TAC §330.61(c)

- **Figure II-1** depicts the locations of all structures and inhabitable buildings within 500 feet of the registration boundary – §330.61(c)(3).

- **Figure II-2** shows the prevailing wind direction – §330.61(c)(1).
- **Figure II-3** shows four water wells within the one-mile radius of the registration boundary – §330.61(c)(2).
- **Figure II-5** identifies the location and surface type of all roads within one mile of the facility that will be used to access the Facility – §330.61(c)(5).
- **Figures II-8 and II-8A** identify locations of schools, licensed day-care facilities, churches, hospitals, cemeteries, ponds, lakes, and residential, commercial, and recreational areas within one mile of the Facility – §330.61(c)(4). Hempstead Road, a historic highway, lies approximately 3,340 feet southwest of the Facility’s registration boundary. It is identified as a Meridian Road in Texas (1916), the 1924 Automobile Red Book – Meridian, and in the 1940 and 1960 Texas Highway Department maps. Figure II-8A provides a list of schools, licensed day-care facilities, churches, commercial, and recreational areas located within one mile of the Facility.
- **Figure I-4A** is the general topographic map that shows area streams – §330.61(c)(7).
- **Figure II-10** is the Nearby Airport Locations Map that shows airports within six miles of the Facility – §330.61(c)(8).
- **Figure I-5** shows drainage, pipeline, and utility easements within or adjacent to the Facility; §330.61(c)(10).

Multiple maps and figures provide:

- The latitudes and longitudes – §330.61(c)(6)
- The property boundary of the Facility – §330.61(c)(9)
- Facility access control features – §330.61(c)(11)

2.1.2 Facility Layout Maps 30 TAC §330.61(d)

Figure II-1 presents the Facility layout plan that shows:

- The outline of solid waste management units – §330.61(d)(1),
- The location of interior roads – §330.61(d)(2),
- There are no monitor wells within the layout area – §330.61(d)(3),
- The location of all Facility buildings – §330.61(d)(4),
- The sequence of development – §330.61(d)(5),
- The location of all Facility fencing – §330.61(d)(6),
- Screening the Facility from public view – §330.61(d)(7), and
- The location of Site entrance roads – §330.61(d)(8).

2.1.3 General Topographic Maps 30 TAC §330.61(e)

Figure I-4A, General USGS Topographic Map depicts the registration boundary with a base map taken from the United States Geological Survey (USGS) 7-1/2-minute quadrangle sheets using content last updated by USGS in 2022 for Hedwig Village and Satsuma, Texas delivered in a digital raster graphic (DRG) a scale of 1-inch equals 2,000 feet.

Figure I-4B, Site Topographic Survey Map illustrates the topography within the registration boundary provided by Rods, Inc. based on a ground survey conducted on September 5, 2025.

2.1.4 Aerial Photograph 30 TAC §330.61(f)

Figure I-3, Aerial Photograph, with a scale of 1-inch equals 2,000 feet, shows the registration boundary and an area of at least a one-mile-radius of the site boundaries. The base map was taken from Microsoft Corporation and accessed October 2025. The registration boundary, waste operation areas, and offset boundary are marked on the aerial photograph.

2.1.5 Land Use Map 30 TAC §330.61(g)

Figure II-7, Land Use Map, depicts the registration and property boundary, as well as the land use of surrounding areas up to one mile from the registration boundary.

A land use compatibility analysis was performed by Roux Associates, Inc. (“Roux”) for the proposed Legacy Green Keough Recycling Center and surrounding area. The results of the analysis are summarized in **Section 2.2**.

Any drainage, pipeline, and utility easements within the Facility are shown on **Figure I-5**, Drainage, Pipeline, and Utility Easement Location Map.

Access roads serving the Facility are shown on **Figure II-4**, Detail of Facility Access Routes, and **Figure II-5**, Major Access Roadway within one Mile of the Facility.

2.2 Impact on Surrounding Area 30 TAC §330.61(h)

Information provided in this section shows the likely impacts of the Facility on cities, communities, groups of property owners, or individuals by analyzing the compatibility of land use, zoning in the vicinity, community growth patterns, and other factors associated with public interests.

As documented, there are no existing site-specific conditions that may impact surrounding cities, communities, groups of property owners, or individuals; nor concern that the use of land for the Facility will adversely impact human health or the environment.

2.2.1 Zoning 30 TAC §330.61(h)(1)

The Facility is located within the extraterritorial jurisdiction (ETJ) of the City of Houston in an unincorporated area of Harris County, Texas therefore, there are no zoning restrictions.

2.2.2 Land Use Characterization 30 TAC §330.61(h)(2),(4)

This section discusses site-specific land use characterization including surrounding land use, zoning in the vicinity, community growth patterns, and proximity to residents and other uses. As documented, the Facility is compatible with the surrounding area.

Figure II-7, Land Use Map is a constructed map showing the Facility boundary and land uses within one-mile of the Facility such as commercial, industrial, residential, recreational, institutional, and open areas used for agricultural, pastureland, wildlife management, or roadways. The map shows the location of approximately 500 single family residences, 60 multifamily residences, 330 mobile homes residences, 400 commercial and

industrial businesses, and numerous lots for agricultural use, parks and open spaces, offices, public and institutional spaces, transportation and utilities, and undeveloped areas.

There are numerous ponds or bodies of water located within the one-mile radius around the site. The Whiteoak Bayou is approximately 0.65 miles from the registration boundary. Hempstead Road, a historic highway, lies approximately 3,340 feet southwest of the Facility's registration boundary. It is identified as a Meridian Road in Texas (1916), the 1924 Automobile Red Book – Meridian, and in the 1940 and 1960 Texas Highway Department maps. A daycare facility is located approximately 0.95 miles north the registration boundary.

The majority of the surrounding area within a one-mile radius of the Facility registration boundary is industrial. The next largest component of land use is residential. A breakdown of the land use within the one-mile radius is shown on **Table II-4**.

Table II-4. Land Use Within a One-Mile Radius

Land Use	Area (in acres)	Land Classification	Area (in acres)	Percentage of Total Land Use
Industrial	792	Industrial	792	52%
Commercial	82	Commercial	128	8%
Office	46			
Public & Institutional	44	Institutional	44	3%
Multi-Family Residential	111	Residential	304	20%
Single Family Residential	193			
Agricultural	27	Open	268	17%
Transportation & Utility	27			
Undeveloped	161			
Parks & Open Spaces	46			
Unknown	7			
Total	1,536	Total	1,536	100%

2.2.3 Growth Trends within Five Miles 30 TAC §330.61(h)(3)

The Facility and the entire five-mile radius of the registration boundary are in Harris County, Texas and H-GAC. The community trends are dominated by the growth of the City of Houston with support of H-GAC. The metropolitan area of City of Houston is expanding to the north, beyond a five-mile radius of the Facility.

Figures II-9A, 9B, 9C, 9D, and 9E display historical aerial photographs for the Site vicinity from 2020, 2015, 2010, 2005, and 2000 respectively.

The growth trends for the Harris County were assessed and are presented in **Table II-5**. The population projections were taken from the Texas Water Development Board (TWDB) 2021 Regional Water Plan.

Table II-5. Growth Trends Average Annual Growth Rate

Community	2020-2030	2031-2040	2041-2050
Harris County	7.44%	6.29%	5.62%

Source: Texas Water Development Board, 2021 Regional Water Plan for Harris County in Region H Volume 2.

2.2.4 Proximity to Residences and Other Uses 30 TAC §330.61(h)(4)

In accordance with 30 TAC §330.61(h)(4), the following paragraphs describe certain specific uses of the properties within a one-mile radius of the facility. The locations of ponds, residences, churches, cemeteries, other institutional areas, commercial, and industrial areas within a one-mile radius of the facility are shown on a Land Use Map (**Figure II-7**) and are discussed in further detail in the following paragraphs.

Hempstead Road, a historic highway, lies approximately 3,340 feet southwest of the Facility’s registration boundary. It is identified as a Meridian Road in Texas (1916), the 1924 Automobile Red Book – Meridian, and in the 1940 and 1960 Texas Highway Department maps. Multiple parks, recreational areas, churches, and schools are located within one mile of the Facility.

2.2.4.1 Ponds and Lakes

There are multiple ponds or bodies of water located within a one-mile radius around the site. The Whiteoak Bayou is approximately 0.65 miles from the registration boundary.

2.2.4.2 Residential

As of December 2025, there are approximately 880 residences within a one-mile radius of the Facility. The nearest residence is approximately 650 feet east of the registration boundary. Residential areas were identified using the Houston Land Use Map and are shown in aerial photograph presented on **Figures II-7 and II-8**.

2.2.4.3 Schools

There are five schools located within a one-mile radius of the site. The nearest school is YES Prep Northwest Secondary, located approximately 0.45 miles south of the registration boundary.

2.2.4.4 Churches

There are eight churches within a one-mile radius of the facility. The nearest church is Harvest Christian Fellowship Church, located approximately 600 feet north of the registration boundary.

2.2.4.5 Licensed Day Care Facilities

There is one licensed day care facilities located within a one-mile radius of the Facility. The nearest day care facility is Twinkle Toes Home Daycare, located approximately 0.95 miles north of the registration boundary.

2.2.4.6 Parks and Recreational Areas

There are five parks located within a one-mile radius of the Facility. The nearest park is Bane Park, located approximately 200 feet west of the registration boundary.

2.2.4.7 Cemeteries

There are no known cemeteries within one-mile radius of the facility.

2.2.4.8 Commercial and Industrial

As of December 2025, there are approximately 400 businesses within one mile of the site. The nearest existing business is a food mart, M & F Food Mark, located approximately 100 feet south of the Facility's registration boundary.

2.2.4.9 Historic Site and Cultural Resources

Hempstead Road, a historic highway, lies approximately 3,340 feet southwest of the Facility's registration boundary. It is identified as a Meridian Road in Texas (1916), the 1924 Automobile Red Book – Meridian, and in the 1940 and 1960 Texas Highway Department maps.

2.2.4.10 Former Waste Disposal Units on the Facility

There are no former waste disposal units on the Facility.

2.2.5 Wells Within 500 Feet 30 TAC §330.61(h)(5)

Wells located near the Facility are discussed in this section, as well density may be considered for assessment of compatibility. Consistent with 30 TAC §330.61(h)(5), the locations of wells within, at minimum, 500 feet of the registration boundary were determined based on a well database search.

Figure II-3, the Water Well and Surface Water Location Map, shows the locations of water wells within 500 feet of the facility. **Figure 12**, the TRRC Oil and Well Search, displays all oil and gas wells within a one-mile radius of the proposed facility boundary, along with a list of these wells.

2.2.5.1 Water Wells

The water well locations were identified through a water well search which was performed for the area around the Facility utilizing the Texas Water Development Board (TWDB) searchable website located at the following web address:

<http://www2.twdb.texas.gov/apps/waterdatainteractive/groundwaterdataviewer>.

The water well search is included as **Attachment IIB**. According to the TWDB well search, there are no water wells within 500 feet of the registration boundary. If additional existing or abandoned water wells are located during the Facility development, they will be addressed as described in **Section 2.7**.

2.2.5.2 Oil & Gas Wells

An oil and gas well search of state records was conducted to identify locations of any existing or abandoned on-site crude oil or natural gas wells, or other wells associated with mineral recovery, that are under the jurisdiction of the Railroad Commission of Texas, that are within 500 feet of the registration boundary. According to the well search, multiple oil and gas wells, oil wells, and dry holes within a one mile radius of the Facility registration boundary, as shown on **Figure II-12**. If additional existing or abandoned crude oil or

natural gas wells, or other wells associated with mineral recovery, are located during the Facility development, they will be addressed as described in **Section 2.7**.

2.2.5.3 Any Other Information Requested by Executive Director (ED) 30 TAC §330.61(h)(6)

No additional information has been requested by the ED.

2.3 Transportation Analysis 30 TAC §330.61(i)(1)-(4)

The Legacy Green Keough Recycling Center is accessed by incoming and outgoing waste vehicles from the site entrance located off of Gessner Rd as shown in **Figure II-15**. Access to the Facility through the personnel access gate on Keough Rd will be restricted to staff and visitor vehicles only.

Figure II-5, Major Access Roadway within 1 Mile of the Facility, illustrates the primary transportation routes surrounding the site. Within a one-mile radius, the major access roads include U.S. Highway 290 (State Highway 290), Sam Houston Tollway (Beltway 8), Gessner Rd, and W Little York Rd. Other roads may be periodically used by collection vehicles to serve residences and businesses located along or near these roadways; however, these roads are not main designated as primary access routes to the Facility.

Access via Keough Road shall be limited exclusively to staff and visitor vehicles. Gessner Rd and W Little York Rd are suitable to handle the projected traffic load associated with the Transfer Station. Gessner Rd and West Little York Road are each comprised of four-lane asphalt paved highways with posted maximum speeds of 40 miles per hour.

Consistent with 30 TAC §330.61(i)(1)-(4), a transportation analysis was performed for the proposed Legacy Green Keough Recycling Center. The surface types and traffic volumes on the access roads in the vicinity of the site have been analyzed for their availability and adequacy. The transportation analysis was completed and submitted to the Texas Department of Transportation (TxDOT). The transportation analysis concluded that the existing access roads within one mile of the site (Gessner Rd and W Little York Rd) will not be significantly impacted due to the proposed development of a transfer station. Coordination with TxDOT and the transportation analysis are included in **Attachment IIB-1**.

Figure II-6, Traffic Volume Map, shows the current traffic volumes on Gessner Rd and W Little York Rd, the access roads within one mile of the Facility. **Figure II-6A** illustrates the one-way Average Annual Daily Traffic (AADT) volumes for Gessner Rd, while **Figure II-6B** illustrates the one-way AADT volumes for W. Little York Rd.

2.4 Notice to the Airport and FAA 30 TAC §330.545(b)

The FAA Southwest Regional Administrator has been notified with the location of the Facility. There are no known airports within a six-mile radius of the Facility registration boundary.

2.5 Geology and Soils 30 TAC §330.61(j)

In accordance with 30 TAC §330.61(j)(1), a general discussion of the geology and soils at the Legacy Green Keough Recycling Center is included in the following sections. Regulation citations §330.61(j)(2)-(4), pertaining to fault areas, seismic impact zones, and unstable areas, are applicable for landfills, not transfer stations.

The site is located in Harris County, Texas. The topography of Harris County is defined by flat coastal plains. The site is located in the Coastal Prairies portion of the Coastal Plain physiographic province. The Interior Coastal Plains region contains unconsolidated sand, silts, and clays. **Figure II-4** shows the general site topography based on USGS quadrangle sheets for Hedwig Village and Satsuma, Texas.

The United States Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS) operates an online has a Web Soil Survey (WSS) which provides soil data and information produced by the National Cooperative Soil Survey. The NRCS Soil Survey Map is provided as **Figure II-11**. The soil information and mapping from the WSS shows that the registration boundary encompasses one (1) type of soil as shown in **Table II-6**.

Table II-6. Site Soils

Soil Symbol	Soil Name	Percentage of Site
Ak	Addicks-Urban land complex, 0 to 1 percent slopes	100.0%

The Ak (Addicks-Urban land complex) series consists of deep, moderately well-drained, loamy soils that formed in thick loamy sediments. The soils are characterized by moderate permeability and are commonly found on flats of coastal plains within the region.

2.6 Groundwater and Surface Water 30 TAC §330.61(k)

2.6.1 Groundwater Conditions 30 TAC §330.61(k)(1)

The Gulf Coast aquifer is the major hydrologic unit utilized for groundwater supplies in Harris County. This aquifer, composed of discontinuous interbedded clays, silts, sands and gravels, enhances permeability in certain regions, allowing significant groundwater storage.

No site-specific groundwater data is available. The only information on groundwater conditions near the facility comes from Well Information Reports provided by the TWDB for water production well installations which do not contain water level measurements (see **Attachment IIA**).

2.6.2 Surface Water Conditions 30 TAC §330.61(k)(2)

According to the TWDB and regional hydrologic data, surface water resources in Harris County are primarily associated with the San Jacinto River, which encompasses key water bodies such as Lake Houston and Sheldon Reservoir. These reservoirs play a significant role in flood control, municipal water supply, and recreational activities. The region also includes smaller tributaries and creeks, which contribute to localized surface water availability.

Surface water features are displayed on **Figure I-4A** which displays the Facility location plotted on the USGS. Hedwig Village and Satsuma Quadrangles, Texas. There are ponds or bodies of water located within the one-mile radius around the site. Whiteoak Bayou is approximately 0.65 miles from the registration boundary

2.6.3 Texas Pollutant Discharge Elimination System Compliance 30 TAC §330.61(k)(3)

Since the proposed Transfer Station will perform vehicle or equipment maintenance activities, vehicle or equipment rehabilitation, mechanical repairs, painting, fueling, lubrication, or cleaning within the registration boundary of the Facility, the site is subject to the requirements of the Texas Pollutant Discharge Elimination System (TPDES) Multi-Sector General Permit, as required by §402 of the federal Clean Water Act. The Facility will obtain the TPDES Stormwater General Permit prior to operation.

2.6.4 Information on How Facility Will Comply with Texas Pollution Discharge Elimination System 30 TAC §330.61(k)(3)(A)

As previously mentioned, since the proposed Transfer Station will conduct vehicle or equipment maintenance, rehabilitation, mechanical repairs, painting, fueling, lubrication, or cleaning within the facility's registration boundary, it is subject to the requirements of the TPDES Multi-Sector General Permit, as mandated by §402 of the federal Clean Water Act. The facility will obtain the TPDES Stormwater General Permit prior to operation.

2.6.5 Copy of Permit No. Under Individual Wastewater Permit 30 TAC §330.61(k)(3)(B)

No individual TPDES wastewater permit will be sought by the Facility. All materials processing will occur in the WSPS which will not accumulate stormwater. No waste will be stored outside of the covered structure except in roll-off boxes waiting to be unloaded. These roll-off boxes will be appropriately covered to prevent stormwater from contacting the waste. As such stormwater run-off from the Facility is considered non-contact waters eligible to be discharged under the TPDES Stormwater General Permit.

2.7 Abandoned Oil and Water Wells 30 TAC §330.61(l)

Consistent with 30 TAC §330.61(l), a summary of abandoned oil and water wells within the facility has been developed. As described in **Section 2.2.5** of this report, and as shown on **Figure II-12**, there is one gas well within the Facility's registration boundary. No other wells were identified within 500 feet of the registration boundary.

Should any additional existing or abandoned on-site water wells or oil and gas wells be discovered during Facility development, the Legacy Green Keough Recycling Center will provide written notification to TCEQ of their location.

Any wells discovered during Facility development will be capped, plugged, and closed in accordance with the applicable rules and regulations of TCEQ or other state agency, and a copy of the well plugging report for any found well will be submitted to TCEQ and the appropriate state agency within 30 days prior to construction.

2.8 Floodplains and Wetlands 30 TAC §330.61(m)

Consistent with 30 TAC §330.61(m), data has been provided on floodplains and wetlands.

2.8.1 Provide Statement to Whether Facility Is Within 100 Year Floodplain 30 TAC §330.61(m)(1)

The Facility is not located within the Federal Emergency Management Agency (FEMA) 100-year floodplain. **Figures II-13** displays the FEMA Flood Insurance Rate Map.

2.8.2 Facility Shall Not Restrict the Flow, Reduce Storage Capacity, or Result in Washout 30 TAC §330.547(b)

The disposal of solid wastes will not occur at the Facility. The processing of solid waste or storage will not occur in the 100-year floodplain. All waste processing and storage operations at the transfer station will take place within a proposed covered and open sides 80 feet by 180 feet WSPS. The western side will have an approximately one-foot-tall asphalt secondary containment berm running along the boundary of the WSPS. Three other sides of the WSPS wall will be composed of a two-foot-high retaining concrete wall. The southern retaining wall in the WSPS will be constructed as part of Phase A and will be removed when Phase B is constructed.

The WSPS is not located in the flow pattern of the 100-year floodplain as such the construction of the Facility will not restrict the flow of floodwaters. Since the property is currently used for truck and roll-off box storage, the proposed Transfer Station will not have any adverse effects on local drainage.

2.8.3 Storage and Processing Facilities are Located Outside of 100 Year Floodplain 30 TAC §330.547(c)

The Facility is not located within the Special Flood Hazard Boundary according to FEMA (Federal Emergency Management Agency) flood map for Harris County, Texas, Map Numbers 48201C0635M and 48201C0445M, effective date June 9, 2014. The 100-year floodplain (special flood hazard) boundary is shown on **Figure II-13**, FEMA Flood Insurance Rate Map.

2.8.4 Wetlands 30 TAC §330.61(m)(2)

Per §330.553, municipal solid waste storage or processing facilities shall not be located in wetlands unless a demonstration can be made providing evidence that the facility has a Corps of Engineers (USACE) permit for use of any wetlands area. Coordination has occurred with the USACE Galveston District concerning the restrictions placed on wetlands development and a requested jurisdictional wetlands determination for the Facility (see **Attachment IIB-3**).

The site was evaluated for the present of jurisdictional non-jurisdiction wetlands through a review of publicly available wetland information, a site walk, and an analysis of aerial photographs. No potential wetlands were indicated.

2.9 Endangered or Threatened Species 30 TAC §330.61(n)

Construction and operation of the Facility shall not result in the destruction or adverse modification of the critical habitat or cause or contribute to the taking of endangered or threatened species.

2.9.1 Endangered or Threatened Species Assessment

Given the prior development of this property and the review of available records, it is anticipated that the proposed Transfer Station will not result in the destruction or adverse modification of the critical habit of endangered or threatened species, or cause or contribute to the taking of any endangered or threatened species. **Attachment IIB-4** includes coordination with the Texas Parks and Wildlife Department (TPWD) concerning endangered or threatened species or their habitats.

2.10 Texas Historical Commission 30 TAC §330.61(o)

In accordance with 30 TAC §330.61(o), a review for request letter was sent to the Texas Historical Commission (THC) for concurrence that the Facility will not adversely affect any historical, archeological, or sites with exceptional aesthetic quality within one mile of the Facility. Hempstead Road, a historic highway, lies approximately 3,340 feet southwest of the Facility's registration boundary. It is identified as a Meridian Road in Texas (1916), the 1924 Automobile Red Book – Meridian, and in the 1940 and 1960 Texas Highway Department maps.

The submittal was through the electronic THC review and compliance system, or eTrac system. The related correspondence and proof of submittal is included in **Attachment IIB-5**.

2.11 Council of Governments 30 TAC §330.61(p)

A request for review letter and Parts I and II of this Registration Application has been submitted to the Houston-Galveston Area Council (H-GAC) and Harris County Precinct 1 to operate a Type V Transfer Station in accordance with §330.61(p).

Documentation of correspondence with H-GAC and Harris County Precinct 1 are included in **Attachments IIB-6 and IIB-7** accordingly.

2.12 Easement and Buffer Zones 30 TAC §330.543(a)

No solid waste unloading, storage or processing operations will occur within any easement, buffer zone, or right of way that crosses the Facility within 25 feet of the center line of any utility line, or pipeline easements. There are no pipelines for utility easements that cross the registration boundary. If there were, all utility and pipeline easements would be marked with posts that extend at least six feet above the ground level, spaced at a distance of no greater than 300 feet.

No solid waste storage or processing will occur within the 50 feet buffer zone that has been established for the Facility as per 330.543(b).

- II-1 Site Layout Plan
- II-2 Wind Rose
- II-3 Water Well and Surface Water Location Map
- II-4 Detail of Facility Access Routes
- II-5 Major Access Roadway within 1 Mile of the Facility
- II-6 Traffic Volume Map
- II-6A Gessner Rd One-Way AADTs
- II-6B W Little York Rd One-Way AADTs
- II-7 Land Use Map
- II-8 Items Listed in §330.61 (c)(4) and (12) on 2022 Aerial Photograph
- II-8A Items Listed in §330.61 (c)(4) and (12)
- II-9A Facility Location On 2020 Aerial Photograph
- II-9B Facility Location On 2015 Aerial Photograph
- II-9C Facility Location On 2010 Aerial Photograph
- II-9D Facility Location On 2005 Aerial Photograph
- II-9E Facility Location On 2000 Aerial Photograph
- II-10 Nearby Airport Locations Map
- II-11 NRCS Soil Survey Map
- II-12 TRRC Oil and Well Search
- II-13 FEMA Flood Insurance Rate Map
- II-14 Site Development Plan – Existing Site Layout
- II-15 Site Development Plan – Proposed Site Layout

S:\CLIENTS\PROJECTS\LEGACY GREEN\TRANSFER STATION\ADD\PART IN\LEGACY GREEN-KEOUGH RECYCLING CENTER-FIGURE II-1 SITE LAYOUT PLAN.DWG



LEGEND

- FACILITY BOUNDARY
- FACILITY BOUNDARY OFFSET RADIUS
- SURFACE WATER
- PERIMETER FENCE
- EXISTING STRUCTURES
- EXISTING STRUCTURES TO BE REMOVED
- PROPOSED STRUCTURES
- EXISTING ROADSIDE DITCH
- 50-FT BUFFER ZONE
- o-o-o-o-o-o-o-o LANDSCAPE BUFFER ZONE
- GRAVEL AREA

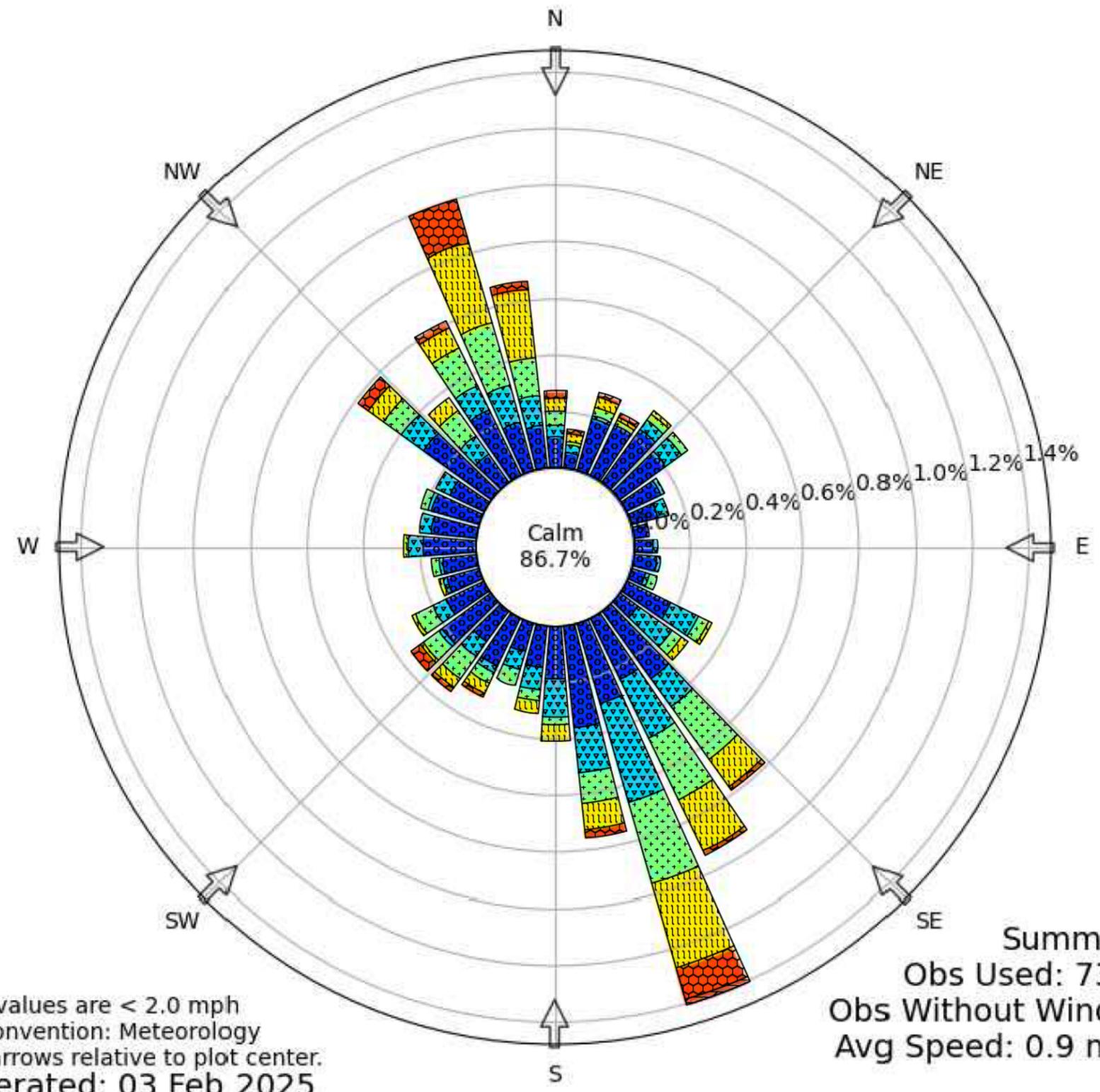

 INTENDED FOR PERMITTING PURPOSES ONLY
 01/26/26

ISSUED FOR PERMITTING

- REFERENCE(S)**
1. BASE MAP TAKEN FROM © MICROSOFT CORPORATION © 2025 MAXAR CNES (2025)
DISTRIBUTION AIRBUS DS © 2025 MICROSOFT BING.COM, ACCESSED OCTOBER 2025.



Title: SITE LAYOUT PLAN LEGACY GREEN KEOUGH RECYCLING CENTER HOUSTON, TEXAS			
Prepared for: LEGACY GREEN			
	Compiled by: GRH	Date: 11/2025	FIGURE II-1
	Prepared by: FJ	Scale: AS SHOWN	
	Project Mgr: ATN	Project: 5089.0001H000	
	File: LEGACY GREEN-KEOUGH RECYCLING CENTER-FIGURE II-1 SITE LAYOUT PLAN.DWG		



Calm values are < 2.0 mph
 Bar Convention: Meteorology
 Flow arrows relative to plot center.
 Generated: 03 Feb 2025

Summary
 Obs Used: 7386
 Obs Without Wind: 0
 Avg Speed: 0.9 mph



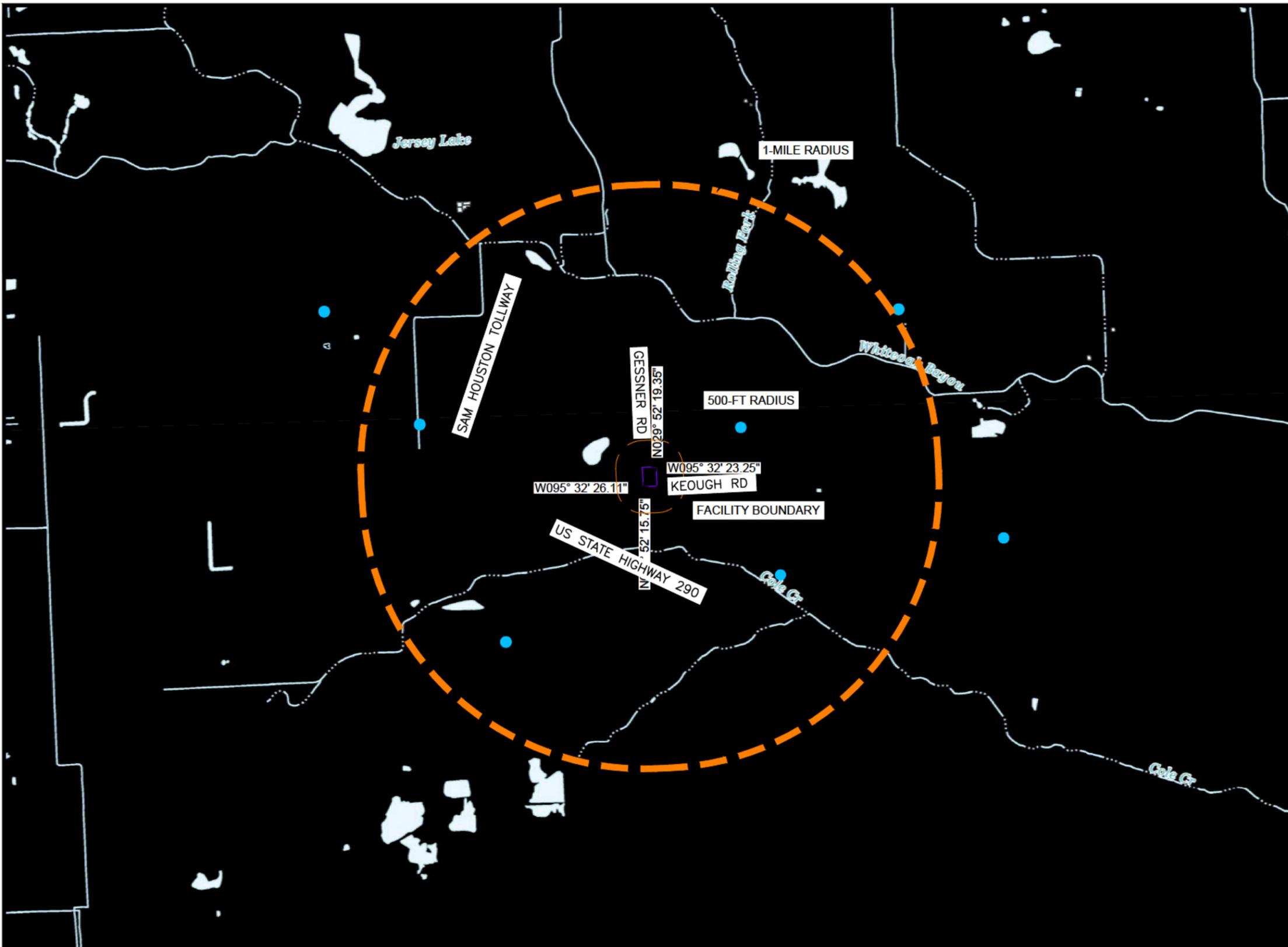
ISSUED FOR PERMITTING

Title: WIND ROSE LEGACY GREEN KEOUGH RECYCLING CENTER			FIGURE
HOUSTON, TEXAS			
Prepared for: LEGACY GREEN LLC			II-2
	Compiled by: GRH	Date: OCT2025	
	Prepared by: FJJ	Scale: AS SHOWN	
	Project Mgr: ATN	Project: 5089.0001H000	
File: LEGACY GREEN-KEOUGH RECYCLING CENTER-FIGURE II-2-WIND ROSE.DWG			

REFERENCE(S)

- IOWA STATE UNIVERSITY IOWA ENVIRONMENTAL MESONET WIND ROSE PLOT FOR [ADDT2] SOUTH MAYDE CREEK 1.2 E ADDICKS RESERVOIR, BETWEEN NOVEMBER 14, 2024 TO FEBRUARY 02, 2025.

S:\CLIENTS\PROJECTS\LEGACY GREEN\TRANSFER STATION\CADD\PART 1\LEGACY GREEN-KEOUGH RECYCLING CENTER-FIGURE 11-3 WATER WELL AND SURFACE WATER LOCATION MAP.DWG



LEGEND

	FACILITY BOUNDARY
	FACILITY BOUNDARY OFFSET RADIUS
	SURFACE WATER
	WATER WELL

STATE OF TEXAS
 GARY RUSSELL HORWITZ
 48495
 INTENDED FOR PERMITTING PURPOSES ONLY
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REFERENCE(S)

1. BASE MAP TAKEN FROM © MICROSOFT CORPORATION © 2025 MAXAR CNES (2025) DISTRIBUTION AIRBUS DS © 2025 MICROSOFT BING.COM, ACCESSED OCTOBER 2025.
2. WATER WELL LOCATION INFORMATION PROVIDED BY TEXAS GROUNDWATER DEVELOPMENT BOARD, WATER DATA INTERACTIVE VIEWER DATED AUGUST 18, 2025, [HTTPS://WWW3.TWDB.TEXAS.GOV/APPS/WATERDATAINTERACTIVE/GROUNDWATERDATAVIEWER](https://www3.twdb.texas.gov/apps/waterdatainteractive/groundwaterdataviewer)
3. SOURCE OF SURFACE WATER DEVELOPED BY THE UNITED STATES GEOLOGICAL SURVEY (USGS) LAST UPDATED IN AUGUST 2022 FOR HEDWIG VILLAGE AND SATSUMA, TX.

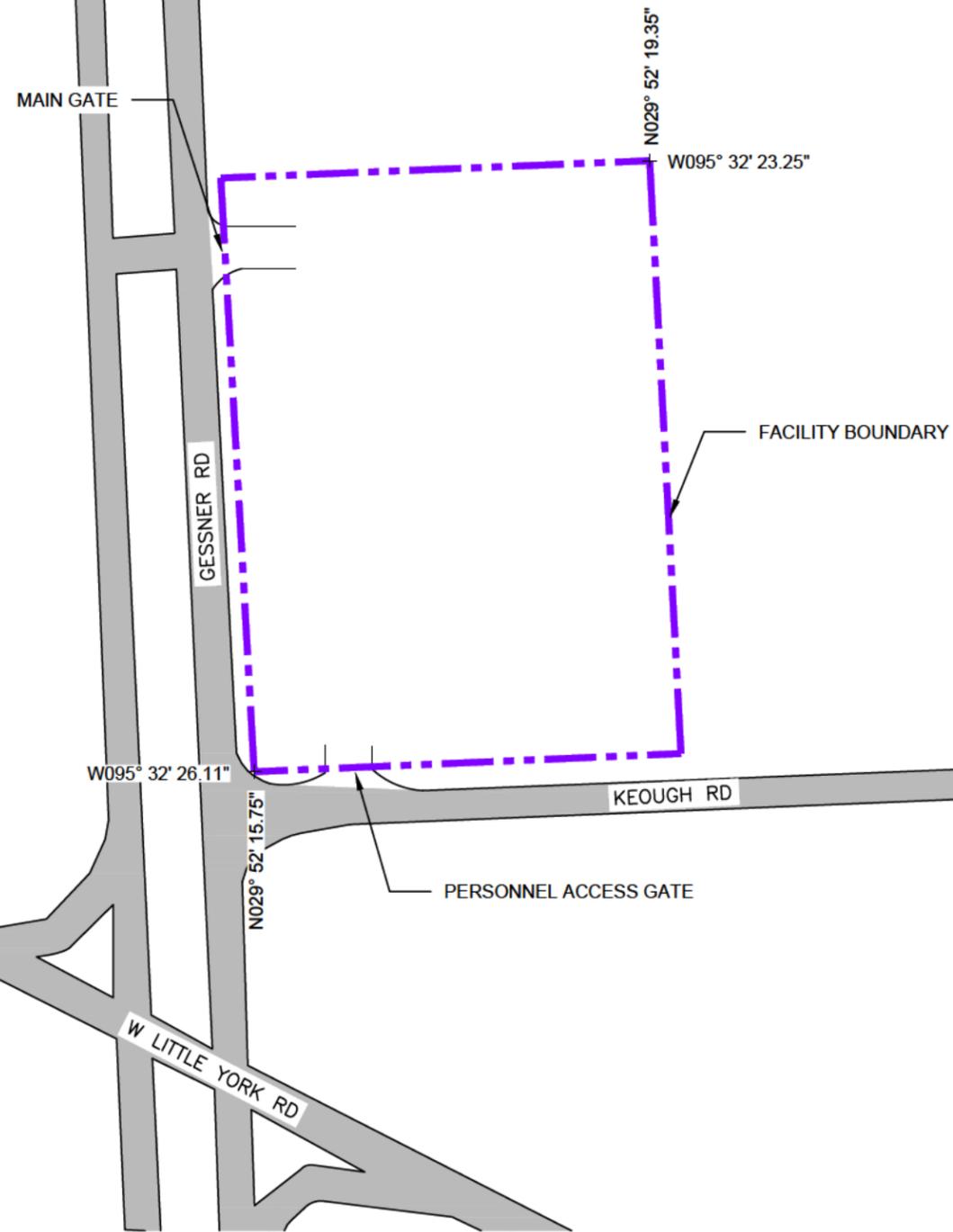


Title: WATER WELL AND SURFACE WATER LOCATION MAP LEGACY GREEN KEOUGH RECYCLING CENTER HOUSTON, TEXAS			
Prepared for: LEGACY GREEN LLC			
	Compiled by: GRH	Date: 10/2025	FIGURE 11-3
	Prepared by: FJJ	Scale: AS SHOWN	
	Project Mgr: ATN	Project: 5089.0001H000	
	File:		

S:\CLIENTS\PROJECTS\LEGACY GREEN\TRANSFER STATION\ADD\PART IN LEGACY GREEN-KEOUGH RECYCLING CENTER-FIGURE II-4 DETAIL OF FACILITY ACCESS ROUTES.DWG

LEGEND

-  FACILITY BOUNDARY
-  ROADS
-  ASPHALT



STATE OF TEXAS
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REFERENCE(S)

1. BASE MAP TAKEN FROM TEXAS DEPARTMENT OF TRANSPORTATION, COUNTY MAP BOOK 2018, PAGE 1750: DELIVERED IN PDF [HTTPS://WWW.DOT.STATE.TX.US](https://www.dot.state.tx.us).

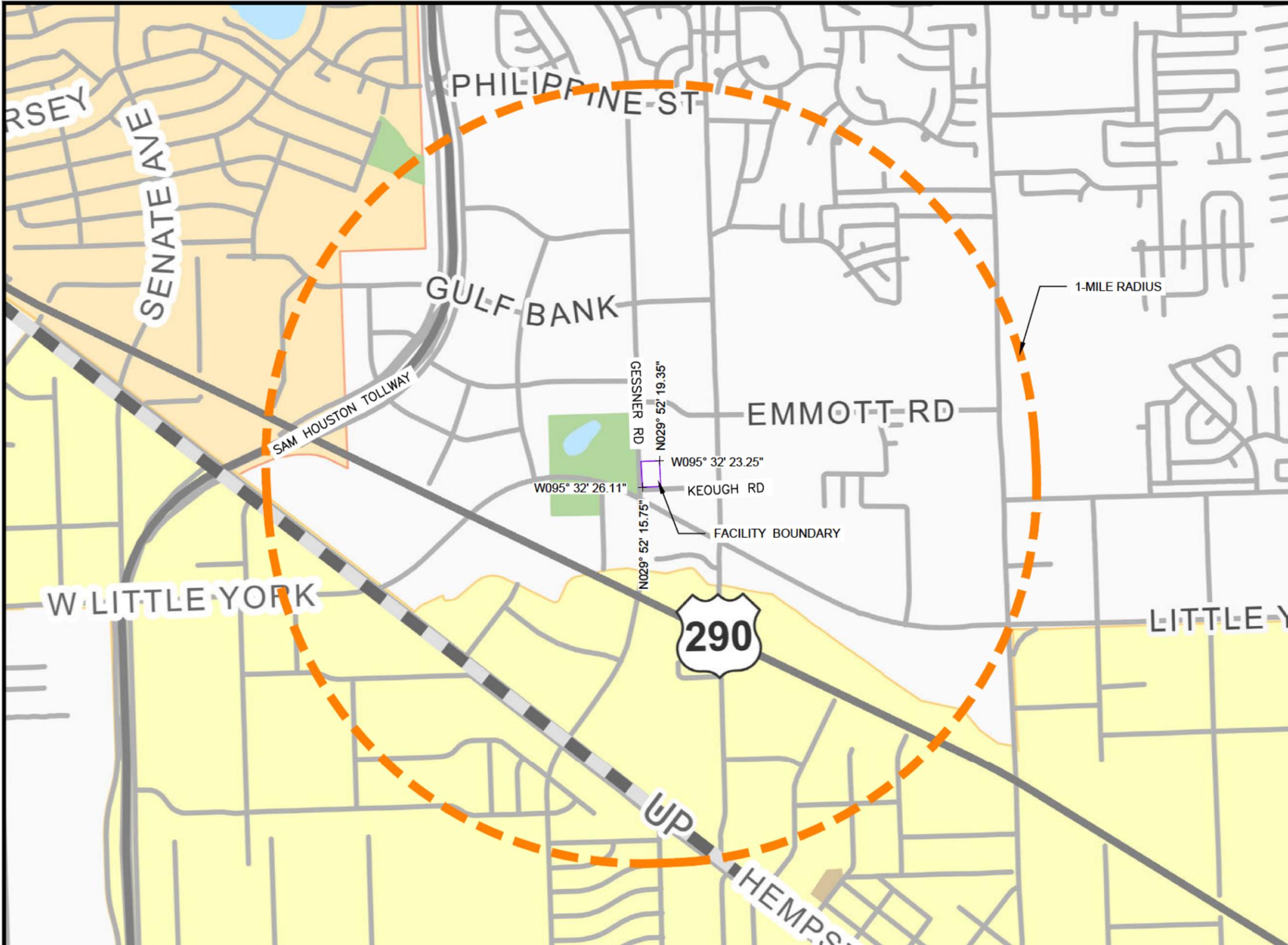


Title: DETAIL OF FACILITY ACCESS ROUTES LEGACY GREEN KEOUGH RECYCLING CENTER HOUSTON, TEXAS		
Prepared for: LEGACY GREEN		
	Compiled by: GRH	Date: 11/2025
	Prepared by: FJJ	Scale: AS SHOWN
	Project Mgr: ATN	Project: 5089.0001H000
	File: LEGACY GREEN-KEOUGH RECYCLING CENTER-FIGURE II-4 DETAIL OF FACILITY ACCESS ROUTES.DWG	

FIGURE

II-4

S:\CLIENTS\PROJECTS\LEGACY GREEN\TRANSFER STATION\CADD\PART I\LEGACY GREEN-KEOUGH RECYCLING CENTER-FIGURE II-5 MAJOR ACCESS ROADWAYS WITHIN 1 MILE OF THE FACILITY.DWG



LEGEND

- FACILITY BOUNDARY
- FACILITY BOUNDARY OFFSET RADIUS
- ROADS
- ASPHALT

SURFACE TYPES

GESSENER RD	ASPHALTIC CONCRETE PAVEMENT
-------------	-----------------------------

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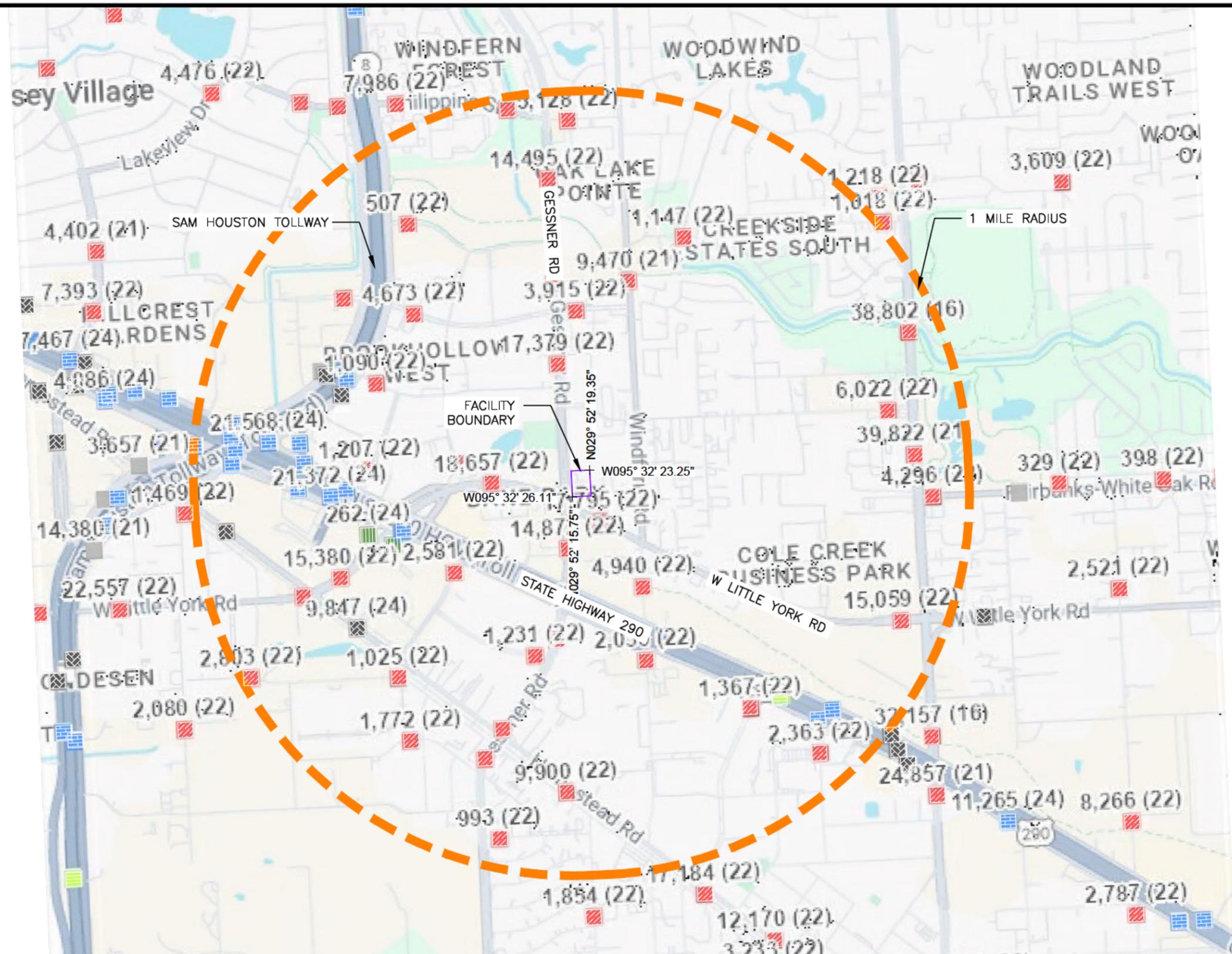
ISSUED FOR PERMITTING

Title: MAJOR ACCESS ROADWAYS WITHIN 1 MILE OF THE FACILITY LEGACY GREEN KEOUGH RECYCLING CENTER HOUSTON, TEXAS			
Prepared for: LEGACY GREEN LLC			
	Compiled by: GRH	Date: 11/2025	FIGURE II-5
	Prepared by: FJJ	Scale: AS SHOWN	
	Project Mgr: ATN	Project: 5089.0001H000	
	File: \\server\projects\legacy green\transfer station\cadd\part i\legacy green-keough recycling center-figure ii-5 major access roadways within 1 mile of the facility.dwg		

- REFERENCE(S)**
- BASE MAP TAKEN FROM TEXAS DEPARTMENT OF TRANSPORTATION, COUNTY MAP BOOK 2018, PAGE 1750: DELIVERED IN PDF [HTTPS://WWW.DOT.STATE.TX.US](https://www.dot.state.tx.us).



S:\CLIENTS\PROJECTS\LEGACY GREEN\TRANSFER STATION\CADD\PART IN\LEGACY GREEN-KEOUGH RECYCLING CENTER-FIGURE 14-6 TRAFFIC VOLUME MAP.DWG



LEGEND

- FACILITY BOUNDARY
- FACILITY BOUNDARY OFFSET RADIUS
- 14,872 (22) TWO-WAY ANNUAL AVERAGE DAILY TRAFFIC AND YEAR

TCDS Locations

- Annual ACR
- HOV, NON-TFP
- M/C
- Ramp
- Urban ACR

SURFACE TYPES

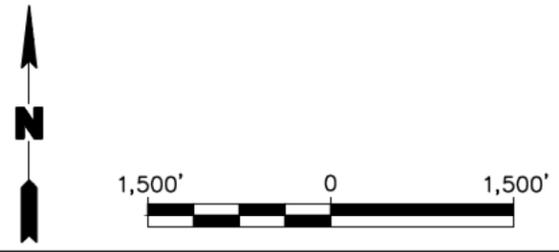
GESSNER RD	ASPHALTIC CONCRETE PAVEMENT
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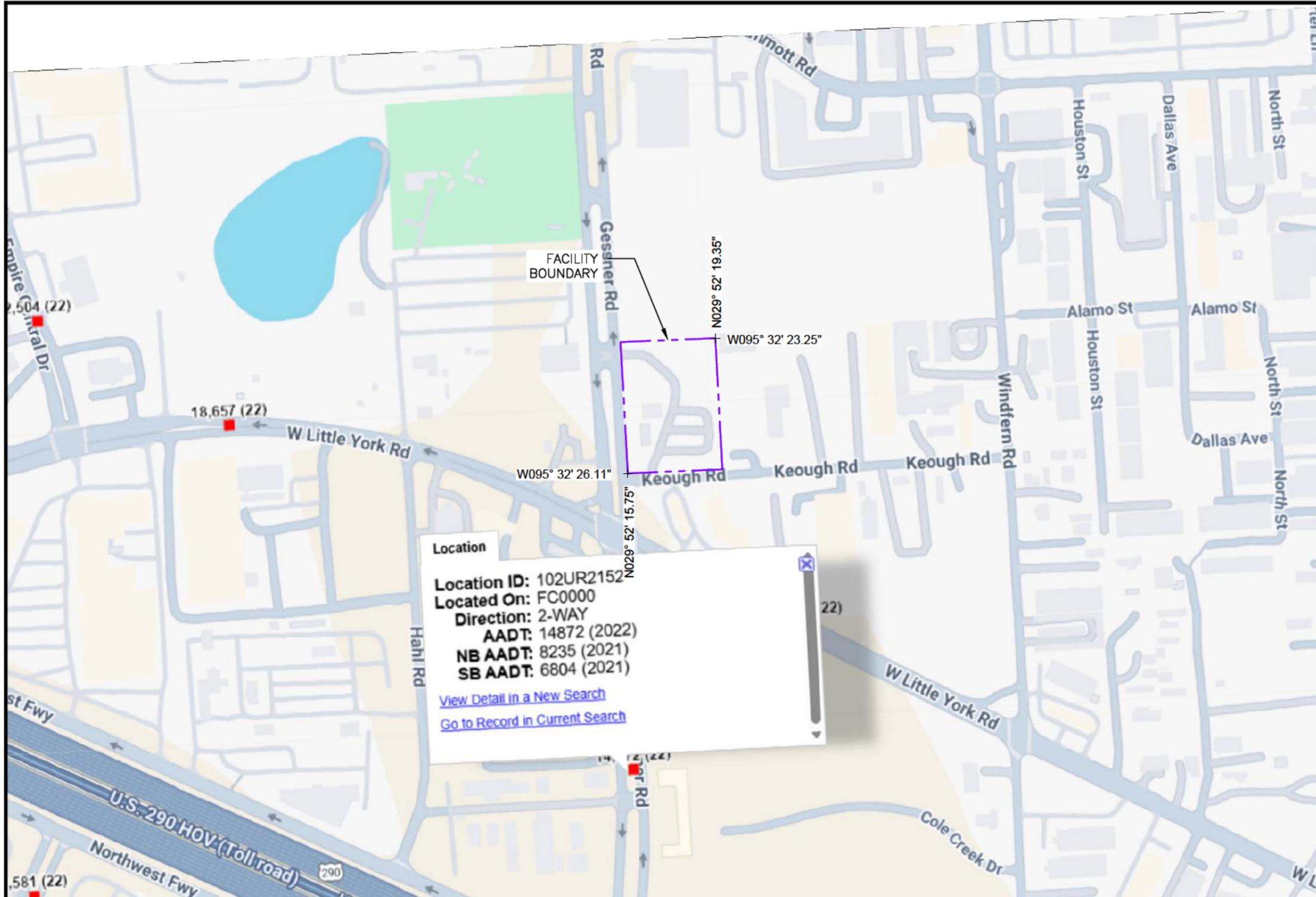
REFERENCE(S)

- BASE MAP DEVELOPED BY TEXAS DEPARTMENT OF TRANSPORTATION (TXDOT) MS2 TRAFFIC COUNT DATABASE SYSTEM (TCDS) ACCESSED DECEMBER 2025.
[HTTP://WWW.DOT.STATE.TX.US/APPS/STATEWIDE_MAPPING/STATEWIDEPLANNINGMAP...](http://www.dot.state.tx.us/apps/statewide_mapping/statewideplanningmap...)



Title: TRAFFIC VOLUME MAP LEGACY GREEN KEOUGH RECYCLING CENTER HOUSTON, TEXAS		
Prepared for: LEGACY GREEN LLC		
	Compiled by: GRH Date: 11/2025 Prepared by: FJ Scale: AS SHOWN Project Mgr: ATN Project: 5089.0001H000	FIGURE 11-6
File: LEGACY GREEN KEOUGH RECYCLING CENTER-FIGURE 14-6 TRAFFIC VOLUME MAP.DWG		

S:\CLIENTS\PROJECTS\LEGACY GREEN\TRANSFER STATION\ADD\PART IN\LEGACY GREEN-KEOUGH RECYCLING CENTER-FIGURE II-6A GESSNER RD ONE-WAY AADTS.DWG



LEGEND

- FACILITY BOUNDARY
- NB AADT NORTHERN BOUND ANNUAL AVERAGE DAILY TRAFFIC
- SB AADT SOUTHERN BOUND ANNUAL AVERAGE DAILY TRAFFIC

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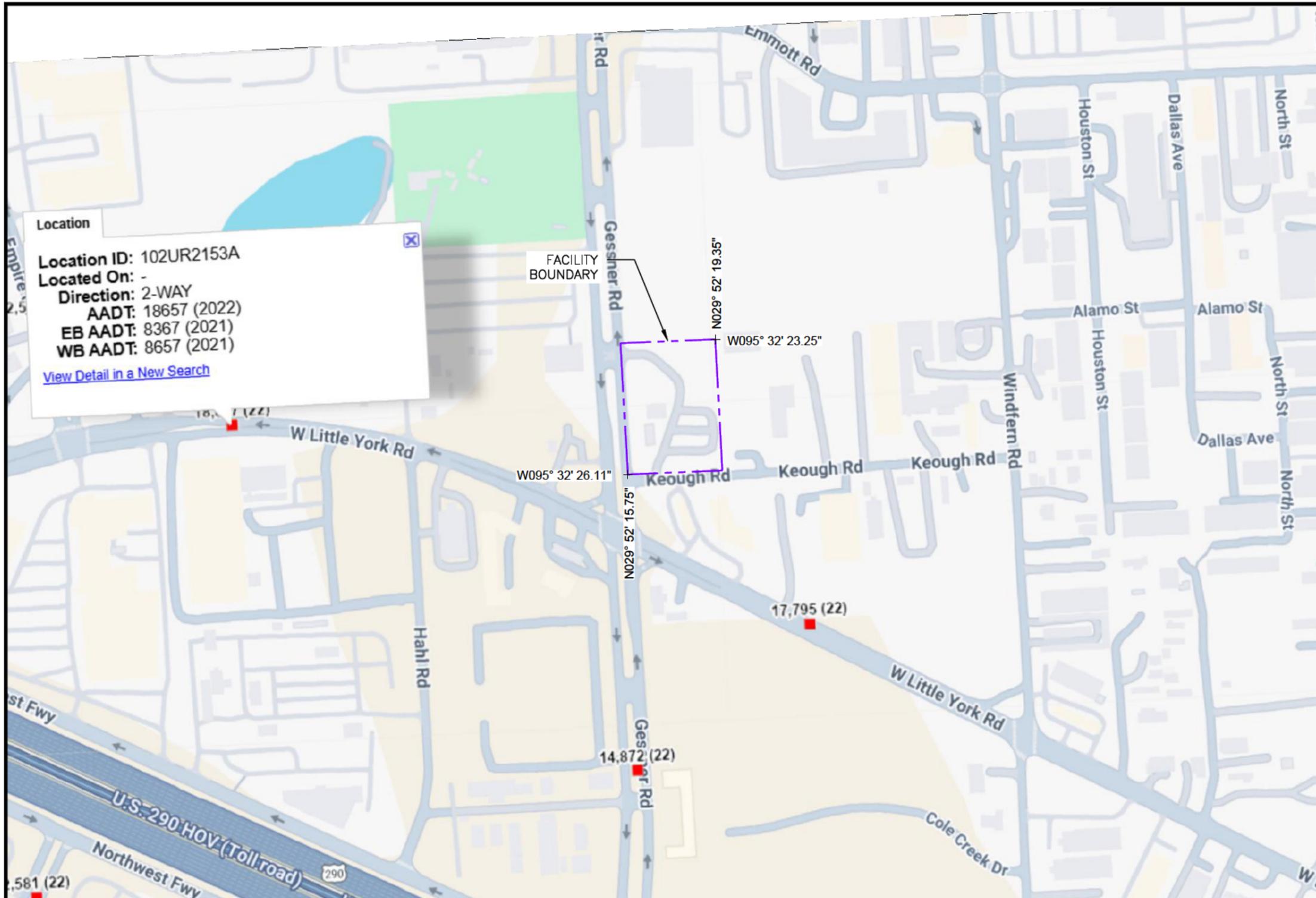
1. BASE MAP DEVELOPED BY TEXAS DEPARTMENT OF TRANSPORTATION (TXDOT) MS2 TRAFFIC COUNT DATABASE SYSTEM (TCDS) ACCESSED DECEMBER 2025.
[HTTP://WWW.DOT.STATE.TX.US/APPS/STATEWIDE_MAPPING/STATEWIDEPLANNINGMAP](http://www.dot.state.tx.us/apps/statewide_mapping/statewideplanningmap) . .



Title: GESSNER RD ONE-WAY AADTS LEGACY GREEN KEOUGH RECYCLING CENTER HOUSTON, TEXAS		
Prepared for: LEGACY GREEN LLC		
	Compiled by: GRH	Date: 11/2025
	Prepared by: FJ	Scale: AS SHOWN
	Project Mgr: ATN	Project: 5089.0001H000
	File: LEGACY GREEN KEOUGH RECYCLING CENTER FIGURE II-6A GESSNER RD ONE-WAY AADTS.DWG	

FIGURE
II-6A

S:\CLIENTS\PROJECTS\LEGACY GREEN\TRANSFER STATION\ADD\PART IN LEGACY GREEN-KEOUGH RECYCLING CENTER-FIGURE II-6A GESSNER RD ONE-WAY AADTS.DWG



Location

Location ID: 102UR2153A

Located On: -

Direction: 2-WAY

AADT: 18657 (2022)

EB AADT: 8367 (2021)

WB AADT: 8657 (2021)

[View Detail in a New Search](#)

LEGEND

	FACILITY BOUNDARY
EB AADT	EASTERN BOUND ANNUAL AVERAGE DAILY TRAFFIC
WB AADT	WESTERN BOUND ANNUAL AVERAGE DAILY TRAFFIC

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REFERENCE(S)

- BASE MAP DEVELOPED BY TEXAS DEPARTMENT OF TRANSPORTATION (TXDOT) MS2 TRAFFIC COUNT DATABASE SYSTEM (TCDS) ACCESSED DECEMBER 2025.
[HTTP://WWW.DOT.STATE.TX.US/APPS/STATEWIDE_MAPPING/STATEWIDEPLANNINGMAP](http://www.dot.state.tx.us/apps/statewide_mapping/statewideplanningmap) . .



Title: W LITTLE YORK RD ONE-WAY AADTs LEGACY GREEN KEOUGH RECYCLING CENTER HOUSTON, TEXAS		
Prepared for: LEGACY GREEN LLC		
	Compiled by: GRH	Date: 11/2025
	Prepared by: FJ	Scale: AS SHOWN
	Project Mgr: ATN	Project: 5089.0001H000
	File: LEGACY GREEN-KEOUGH RECYCLING CENTER-FIGURE II-6A GESSNER RD ONE-WAY AADTS.DWG	

FIGURE
II-6B

S:\CLIENTS\PROJECTS\LEGACY GREEN\TRANSFER STATION\CADD\PART 1\LEGACY GREEN-KEOUGH RECYCLING CENTER-FIGURE 11-7 LAND USE MAP.DWG



LEGEND

	FACILITY BOUNDARY
	FACILITY BOUNDARY OFFSET RADIUS
	LAND PARCEL LIMITS
	SURFACE WATER
	AGRICULTURE PRODUCTION
	PARK & OPEN SPACES
	COMMERCIAL
	INDUSTRIAL
	OFFICE
	PUBLIC & INSTITUTIONAL
	MULTI-FAMILY RESIDENTIAL
	SINGLE-FAMILY RESIDENTIAL
	TRANSPORTATION & UTILITY
	UNDEVELOPED
	UNKNOWN
	HISTORICAL HIGHWAYS
	SCHOOLS
	CHURCHES
	PUBLIC LAND
	RESIDENTIAL

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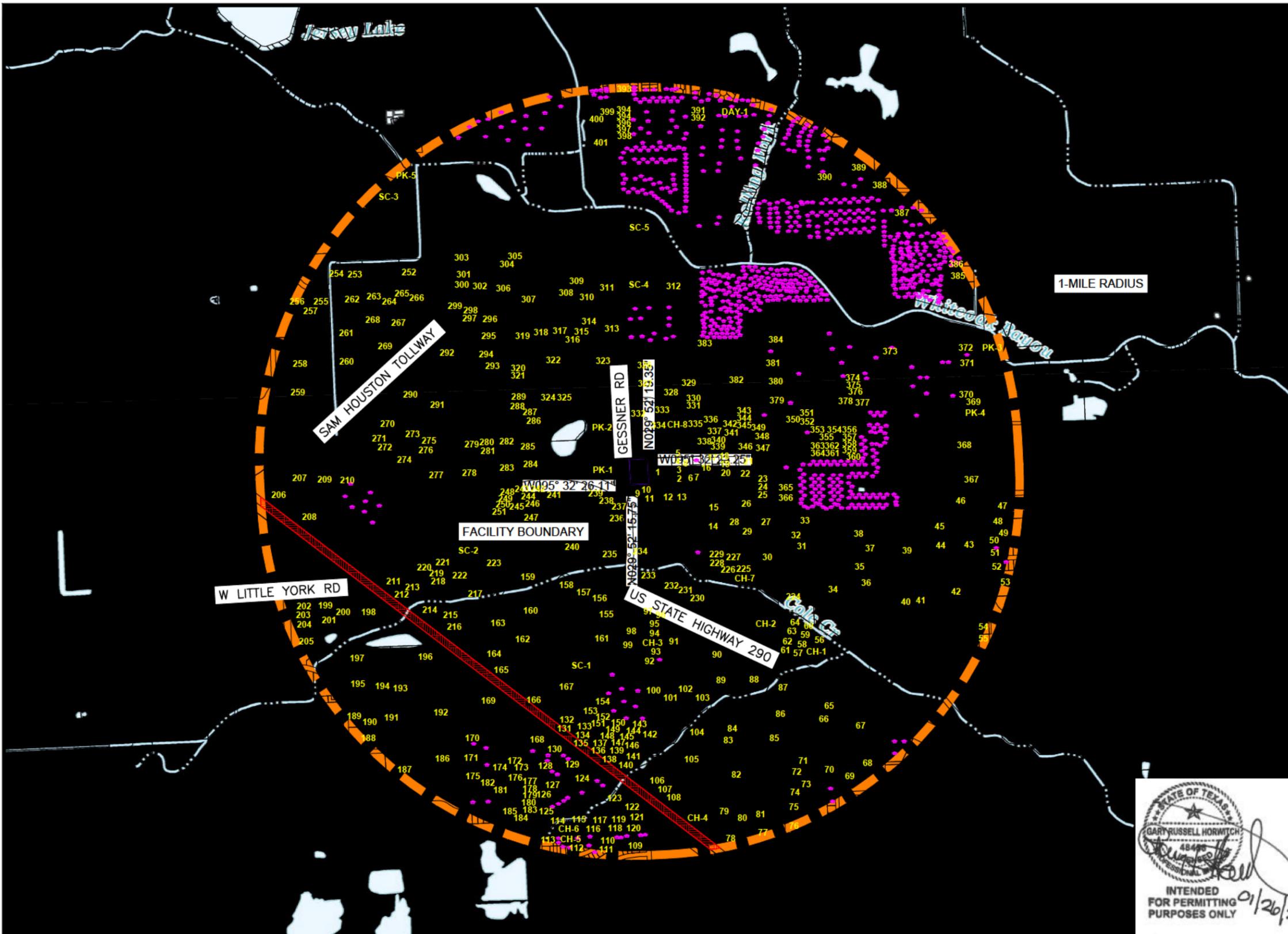
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REFERENCE(S)

1. BASE MAP TAKEN FROM © MICROSOFT CORPORATION © 2025 MAXAR CNES (2025) DISTRIBUTION AIRBUS DS © 2025 MICROSOFT BING.COM, ACCESSED OCTOBER 2025.
2. LAND PARCELS TAKEN FROM TEXAS GEOGRAPHIC INFORMATION OFFICE DATED 2025.
3. SOURCE OF SURFACE WATER DEVELOPED BY THE UNITED STATES GEOLOGICAL SURVEY (USGS) LAST UPDATED IN AUGUST 2022 FOR HEDWIG VILLAGE AND SATSUMA, TX.
4. PARCEL LAND USE PROVIDED THROUGH THE HOUSTON LAND USE MAP VIEWER BY MYCITY DATED NOVEMBER 2025.

Title: LAND USE MAP LEGACY GREEN KEOUGH RECYCLING CENTER HOUSTON, TEXAS			
Prepared for: LEGACY GREEN LLC			
	Compiled by: GRH	Date: 11/2025	FIGURE 11-7
	Prepared by: FJJ	Scale: AS SHOWN	
	Project Mgr: ATN	Project: 5089.0001H000	
	File: LEGACY GREEN-KEOUGH RECYCLING CENTER-FIGURE 11-7 LAND USE MAP.DWG		

S:\CLIENTS\PROJECTS\LEGACY GREEN\TRANSFER STATION\CADD\PART IN LEGACY GREEN-KEOUGH RECYCLING CENTER-FIGURE 11-8 ITEMS LISTED IN §330.61 (C)(4) AND (12) ON 2025 AERIAL PHOTOGRAPH.DWG



- LEGEND**
- FACILITY BOUNDARY
 - FACILITY BOUNDARY OFFSET RADIUS
 - LAND PARCEL LIMITS
 - SURFACE WATER
 - HISTORICAL HIGHWAY
- RESIDENTIAL**
- BASED ON REVIEW OF GOOGLE EARTH IMAGERY, IT IS ESTIMATED THAT THERE ARE APPROXIMATELY 880 EXISTING RESIDENCES LOCATED WITHIN ONE MILE OF THE FACILITY. THE NEAREST EXISTING RESIDENCE IS LOCATED APPROXIMATELY 650 FT EAST OF THE REGISTRATION BOUNDARY ON WINDFERN RD.
- COMMERCIAL AND INDUSTRIAL**

BASED ON REVIEW OF GOOGLE EARTH IMAGERY, AND REVIEW OF HARRIS COUNTY APPRAISAL DISTRICT PROPERTY MAP SEARCH, APPROXIMATELY 400 BUSINESSES ARE LOCATED WITHIN ONE MILE OF THE FACILITY REPRESENTING A MIX OF BOTH COMMERCIAL AND INDUSTRIAL ACTIVITY. THE NEAREST BUSINESS, MICA CORPORATION, IS LOCATED APPROXIMATELY 120 FT EAST OF THE REGISTRATION BOUNDARY OF THE FACILITY. REFER TO FIGURE 8A FOR SCHOOLS, LICENSED DAYCARES, CHURCHES, AND COMMERCIAL OR RECREATIONAL AREAS LOCATED WITHIN ONE MILE OF THE FACILITY.

NOTE(S)

- HEMPSTEAD ROAD, A HISTORIC HIGHWAY, LIES APPROXIMATELY 3,340 FT SOUTHWEST OF THE FACILITY'S REGISTRATION BOUNDARY. IT IS IDENTIFIED AS MERIDIAN ROAD IN TEXAS (1916), THE 1924 AUTOMOBILE RED BOOK – MERIDIAN, AND IN THE 1940 AND 1960 TEXAS HIGHWAY DEPARTMENT MAPS.

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Title: **ITEMS LISTED IN 30 TAC §330.61(C)(4) AND (12) ON 2025 AERIAL PHOTOGRAPH LEGACY GREEN KEOUGH RECYCLING CENTER**
 HOUSTON, TEXAS

Prepared for: LEGACY GREEN LLC

	Compiled by: GRH	Date: 11/2025	FIGURE
	Prepared by: FJJ	Scale: AS SHOWN	
	Project Mgr: ATN	Project: 5089.0001H000	
	File:		

11-8

- REFERENCE(S)**
- BASE MAP TAKEN FROM © MICROSOFT CORPORATION © 2025 MAXAR CNES (2025) DISTRIBUTION AIRBUS DS © 2025 MICROSOFT BING.COM, ACCESSED OCTOBER 2025.
 - LAND PARCELS TAKEN FROM TEXAS GEOGRAPHIC INFORMATION OFFICE DATED 2025.
 - SOURCE OF SURFACE WATER DEVELOPED BY THE UNITED STATES GEOLOGICAL SURVEY (USGS) LAST UPDATED IN AUGUST 2022 FOR HEDWIG VILLAGE AND SATSUMA, TX.

- LAND USE DETERMINED BY GOOGLE EARTH PRO DATED DECEMBER 2025.

N

1,500' 0 1,500'



ISSUED FOR PERMITTING

Title:				ITEMS LISTED IN 30 TAC §330.61(C)(4) AND (12) LEGACY GREEN KEOUGH RECYCLING CENTER HOUSTON, TEXAS	
Prepared for:					
				LEGACY GREEN LLC	
ROUX	Compiled by: GRH	Date: 11/2025	FIGURE		
	Prepared by: FJJ	Scale: AS SHOWN			
	Project Mgr: ATN	Project: 5089.0001H000	II-8A		
	File: LEGACY GREEN KEOUGH RECYCLING CENTER-FIGURE II-8 ITEMS LISTED IN §330.61 (C)(4) AND (12) ON 2025 AERIAL PHOTOGRAPH.DWG				

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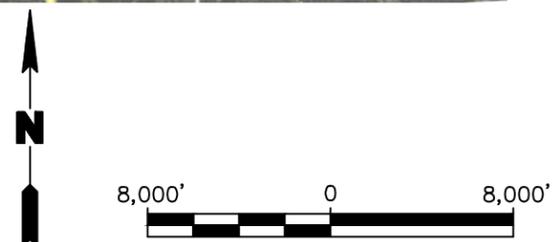
	FACILITY BOUNDARY
	FACILITY BOUNDARY OFFSET RADIUS

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REFERENCE(S)

- BASE MAP TAKEN FROM © MICROSOFT CORPORATION © 2025 MAXAR CNES (2025) DISTRIBUTION AIRBUS DS © 2025 MICROSOFT BING.COM, DATED DECEMBER 2020.



Title: FACILITY LOCATION ON 2020 AERIAL PHOTOGRAPH LEGACY GREEN KEOUGH RECYCLING CENTER HOUSTON, TEXAS			
Prepared for: LEGACY GREEN LLC			
	Compiled by: GRH	Date: 11/2025	FIGURE II-9A
	Prepared by: FJJ	Scale: AS SHOWN	
	Project Mgr: ATN	Project: 5089.0001H000	
	File: LEGACY GREEN KEOUGH RECYCLING CENTER PART II-9A FACILITY LOCATION ON 2020 AERIAL PHOTOGRAPH.DWG		

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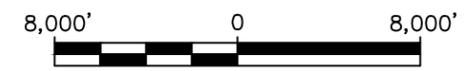
	FACILITY BOUNDARY
	FACILITY BOUNDARY OFFSET RADIUS

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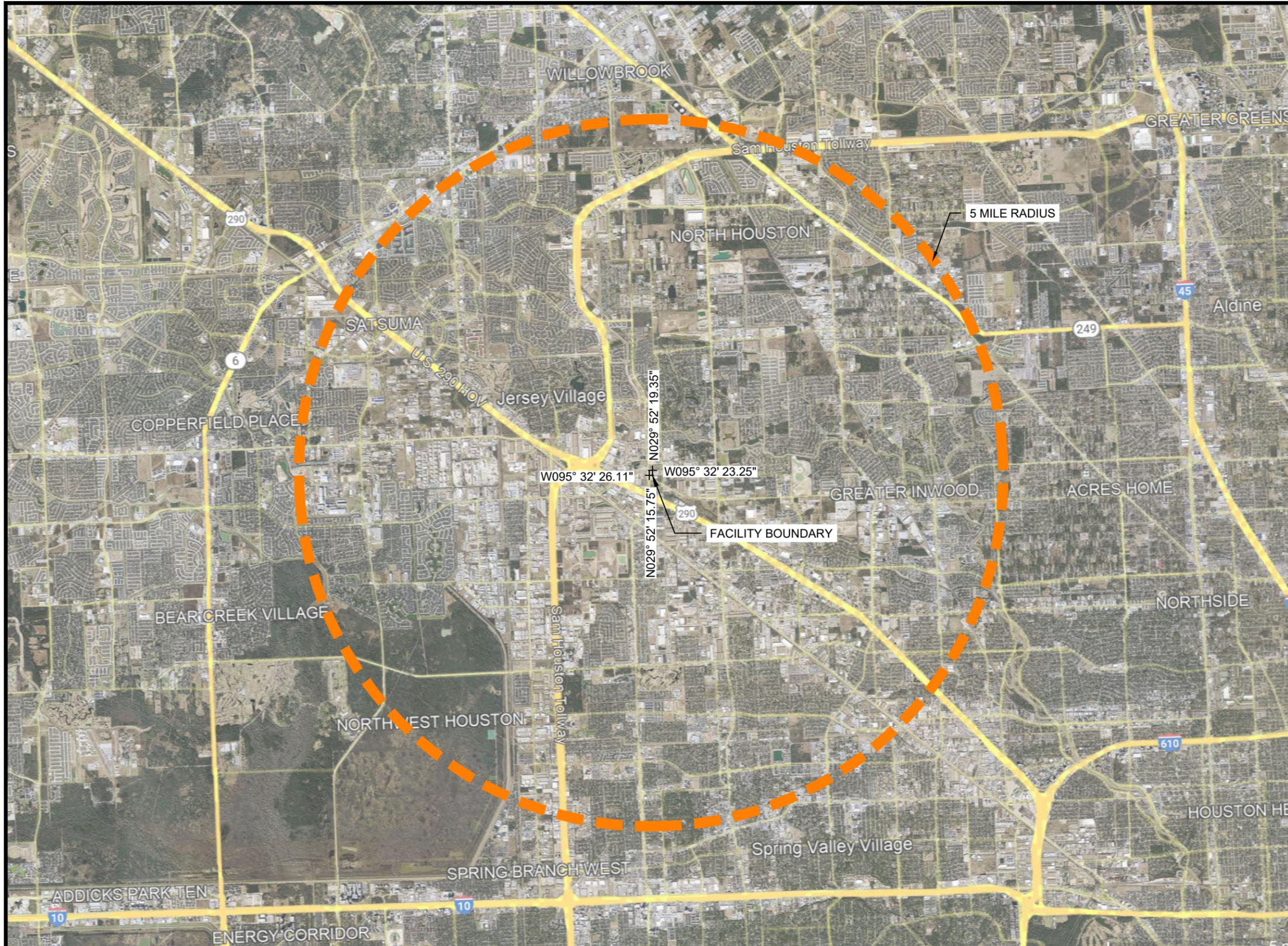
REFERENCE(S)

- BASE MAP TAKEN FROM © MICROSOFT CORPORATION © 2025 MAXAR CNES (2025) DISTRIBUTION AIRBUS DS © 2025 MICROSOFT BING.COM, DATED DECEMBER 2015.



Title: FACILITY LOCATION ON 2015 AERIAL PHOTOGRAPH LEGACY GREEN KEOUGH RECYLCING CENTER HOUSTON, TEXAS			
Prepared for: LEGACY GREEN			
	Compiled by: GRH	Date: 11/2025	FIGURE II-9B
	Prepared by: FJJ	Scale: AS SHOWN	
	Project Mgr: ATN	Project: 5089.0001H000	
File: LEGACY GREEN KEOUGH RECYCLING CENTER PART II-9B FACILITY LOCATION ON 2015 AERIAL PHOTOGRAPH.DWG			

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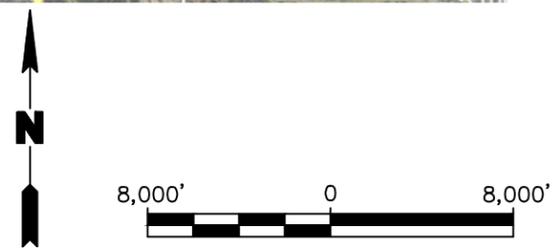
	FACILITY BOUNDARY
	FACILITY BOUNDARY OFFSET RADIUS

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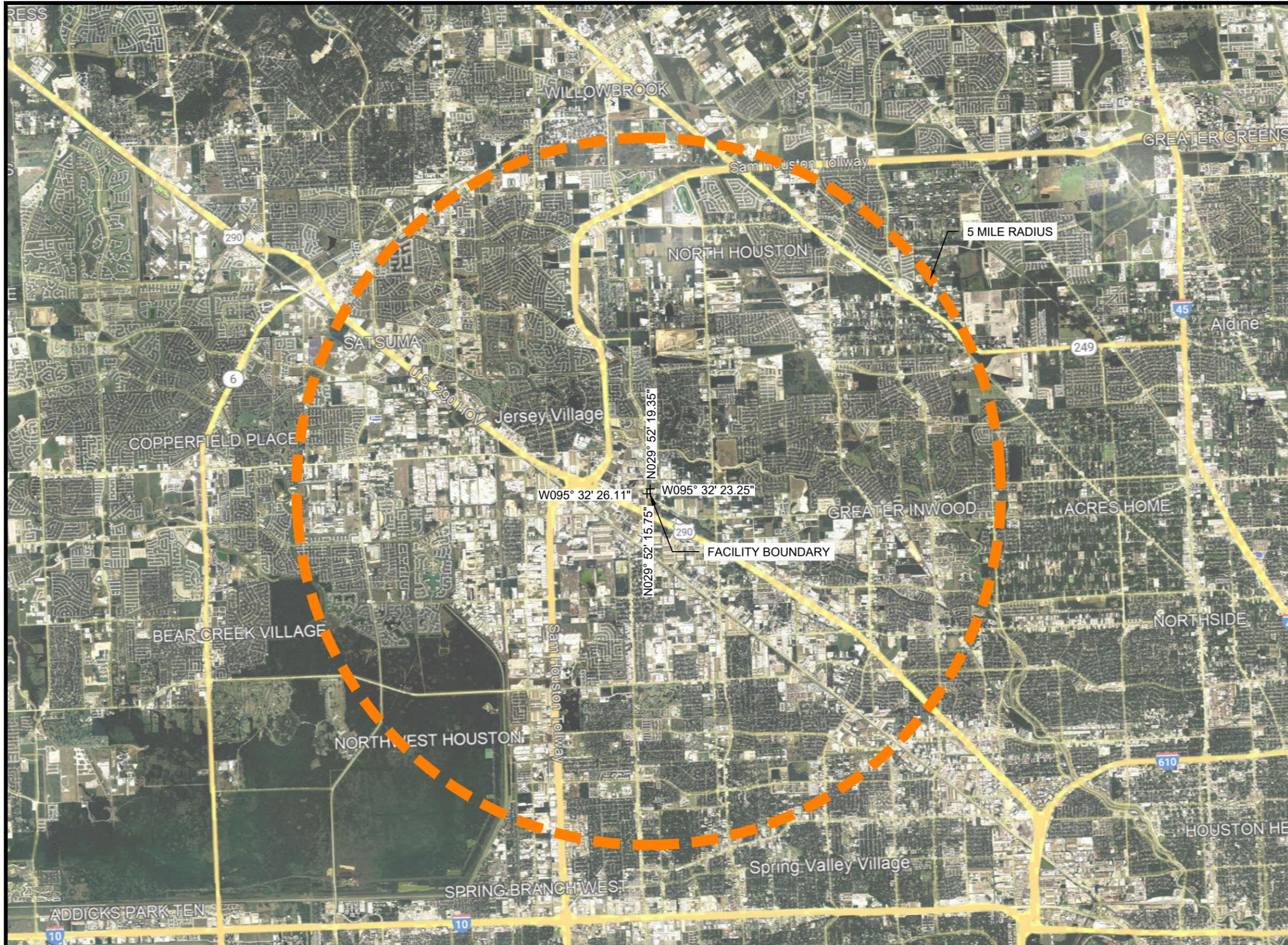
REFERENCE(S)

- BASE MAP TAKEN FROM © MICROSOFT CORPORATION © 2025 MAXAR CNES (2025) DISTRIBUTION AIRBUS DS © 2025 MICROSOFT BING.COM, DATED DECEMBER 2010.



Title: FACILITY LOCATION ON 2010 AERIAL PHOTOGRAPH LEGACY GREEN KEOUGH RECYCLING CENTER HOUSTON, TEXAS		
Prepared for: LEGACY GREEN LLC		
	Compiled by: GRH	Date: 11/2025
	Prepared by: FJJ	Scale: AS SHOWN
	Project Mgr: ATN	Project: 5089.0001H000
File: LEGACY GREEN KEOUGH RECYCLING CENTER HOUSTON AND FACILITY LOCATION ON 2010 AERIAL PHOTOGRAPH.DWG		FIGURE II-9C

S:\CLIENTS\PROJECTS\LEGACY GREEN\TRANSFER STATION\CADD\PART IN LEGACY GREEN-KEOUGH RECYCLING CENTER-FIGURE II-9D FACILITY LOCATION ON 2005 AERIAL PHOTOGRAPH.DWG



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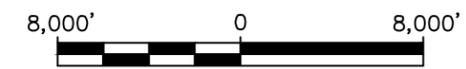
	FACILITY BOUNDARY
	FACILITY BOUNDARY OFFSET RADIUS

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REFERENCE(S)

- BASE MAP TAKEN FROM © MICROSOFT CORPORATION © 2025 MAXAR CNES (2025) DISTRIBUTION AIRBUS DS © 2025 MICROSOFT BING.COM, DATED DECEMBER 2005.



Title: FACILITY LOCATION ON 2005 AERIAL PHOTOGRAPH LEGACY GREEN KEOUGH RECYCLING CENTER HOUSTON, TEXAS			
Prepared for: LEGACY GREEN LLC			
	Compiled by: GRH	Date: 11/2025	FIGURE II-9D
	Prepared by: FJJ	Scale: AS SHOWN	
	Project Mgr: ATN	Project: 5089.0001H000	
	File: LEGACY GREEN KEOUGH RECYCLING CENTER HOUSTON AND FACILITY LOCATION ON 2005 AERIAL PHOTOGRAPH.DWG		

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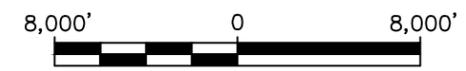
	FACILITY BOUNDARY
	FACILITY BOUNDARY OFFSET RADIUS

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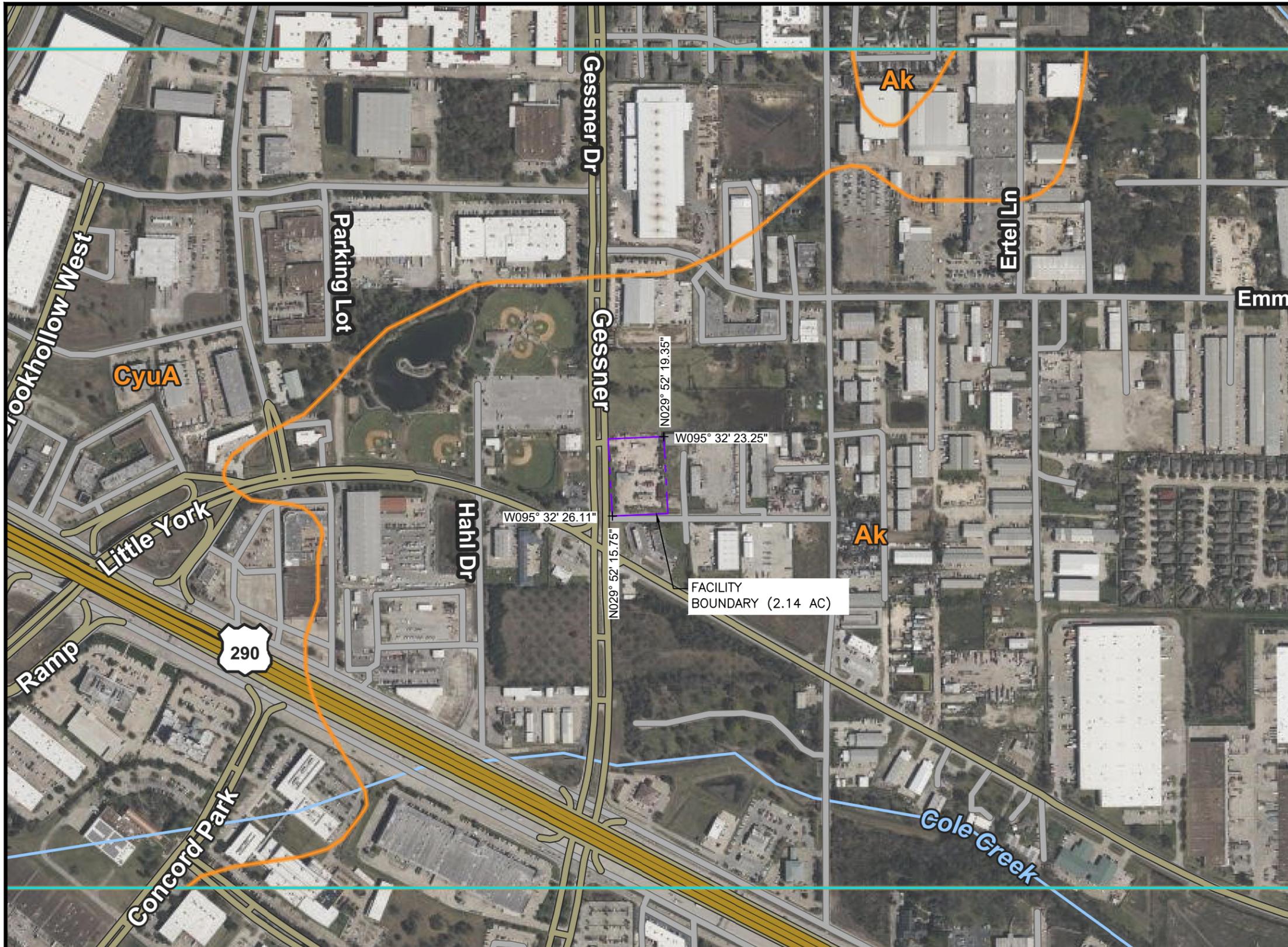
REFERENCE(S)

- BASE MAP TAKEN FROM © MICROSOFT CORPORATION © 2025 MAXAR CNES (2025) DISTRIBUTION AIRBUS DS © 2025 MICROSOFT BING.COM, DECEMBER 2000.



Title: FACILITY LOCATION ON 2000 AERIAL PHOTOGRAPH LEGACY GREEN KEOUGH RECYLCING CENTER HOUSTON, TEXAS			
Prepared for: LEGACY GREEN LLC			
	Compiled by: GRH	Date: 11/2025	FIGURE II-9E
	Prepared by: FJJ	Scale: AS SHOWN	
	Project Mgr: ATN	Project: 5089.0001H000	
	File: LEGACY GREEN KEOUGH RECYCLING CENTER HOUGH AVE FACILITY LOCATION ON 2000 AERIAL PHOTOGRAPH.DWG		

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LEGEND

- - - FACILITY BOUNDARY
- SOIL MAP UNIT POLYGONS
- AREA OF INTEREST

SOIL TYPE

Map Unit Symbol	Map Unit Name
Ak	Addicks-Urban land complex, 0 to 1 percent slopes
Cyua	Cyfair-Urban land complex, 0 to 1 percent slopes

REFERENCE(S)

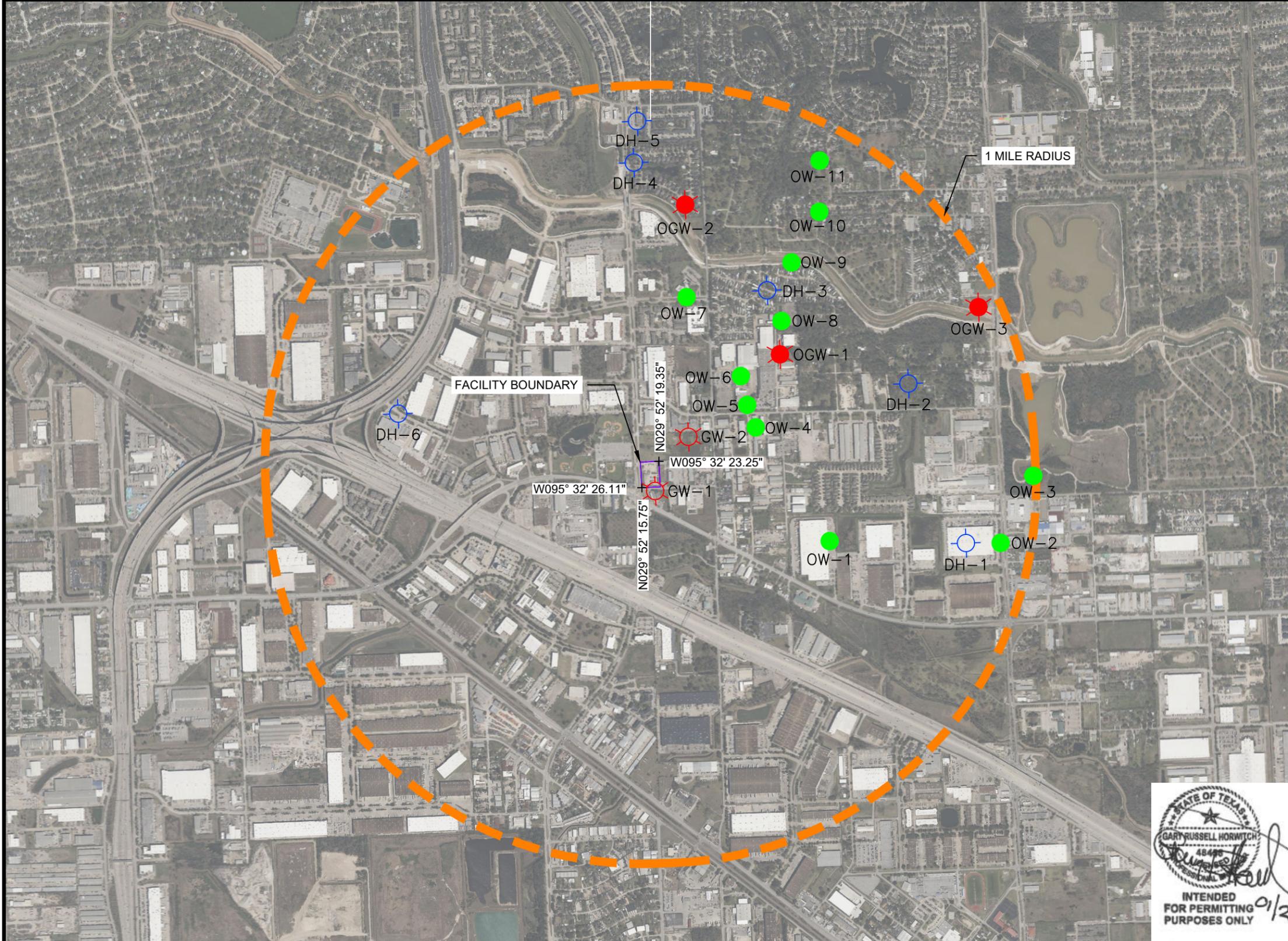
1. BASE MAP TAKEN FROM © MICROSOFT CORPORATION © 2025 MAXAR CNES (2025) DISTRIBUTION AIRBUS DS © 2025 MICROSOFT BING.COM, ACCESSED OCTOBER 2025.
2. SOIL DATA TAKEN FROM UNITED STATES DEPARTMENT OF AGRICULTURE, NATURAL RESOURCES CONSERVATION SERVICES, NATIONAL SOIL SURVEY HANDBOOK. (HTTPS://WEBSOIL.SURVEY.NRCS.USDA.GOV/APP/WEBSOILSURVEY.ASPX) HARRIS COUNTY, TEXAS SURVEY AREA VERSION 27, SEPTEMBER 4, 2025



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<p>Title:</p> <p style="font-weight: bold; font-size: 1.2em;">NRCS SOIL SURVEY MAP LEGACY GREEN KEOUGH RECYCLING CENTER</p> <p style="text-align: center;">HOUSTON, TEXAS</p>			
<p>Prepared for:</p> <p style="font-weight: bold;">LEGACY GREEN LLC</p>			
	<p>Compiled by: GRH</p>	<p>Date: 11/2025</p>	<p>FIGURE</p> <p style="font-weight: bold; font-size: 1.2em;">II-11</p>
	<p>Prepared by: FJJ</p>	<p>Scale: AS SHOWN</p>	
	<p>Project Mgr: ATN</p>	<p>Project: 5089.0001H000</p>	
	<p>File: LEGACY GREEN-KEOUGH RECYCLING CENTER-FIGURE II-11 NRCS SOIL SURVEY MAP.DWG</p>		

S:\CLIENTS\PROJECTS\LEGACY GREEN\TRANSFER STATION\CADD\PART II-LEGACY GREEN-KEOUGH RECYCLING CENTER-FIGURE II-12 TRRC OIL AND WELL SEARCH.DWG



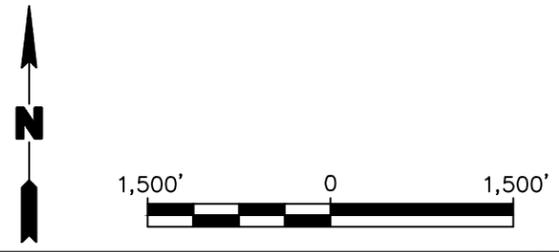
LEGEND

- FACILITY BOUNDARY
- FACILITY BOUNDARY OFFSET RADIUS
- OIL WELL
- GAS WELL
- OIL AND GAS WELL
- DRY HOLE

STATE OF TEXAS
 GARY RUSSELL HORWITZ
 48498
 INTENDED FOR PERMITTING PURPOSES ONLY
 01/26/26

ISSUED FOR PERMITTING

- REFERENCE(S)**
1. BASE MAP TAKEN FROM © MICROSOFT CORPORATION © 2025 MAXAR CNES (2025) DISTRIBUTION AIRBUS DS © 2025 MICROSOFT BING.COM, ACCESSED OCTOBER 2025.
 2. OIL AND GAS WELL INFORMATION PROVIDED BY TEXAS RAILROAD COMMISSION, PUBLIC GIS VIEWER, DATED AUGUST 19, 2025. [HTTPS://GIS.RRC.TEXAS.GOV/GISVIEWER/](https://gis.rrc.texas.gov/gisviewer/)

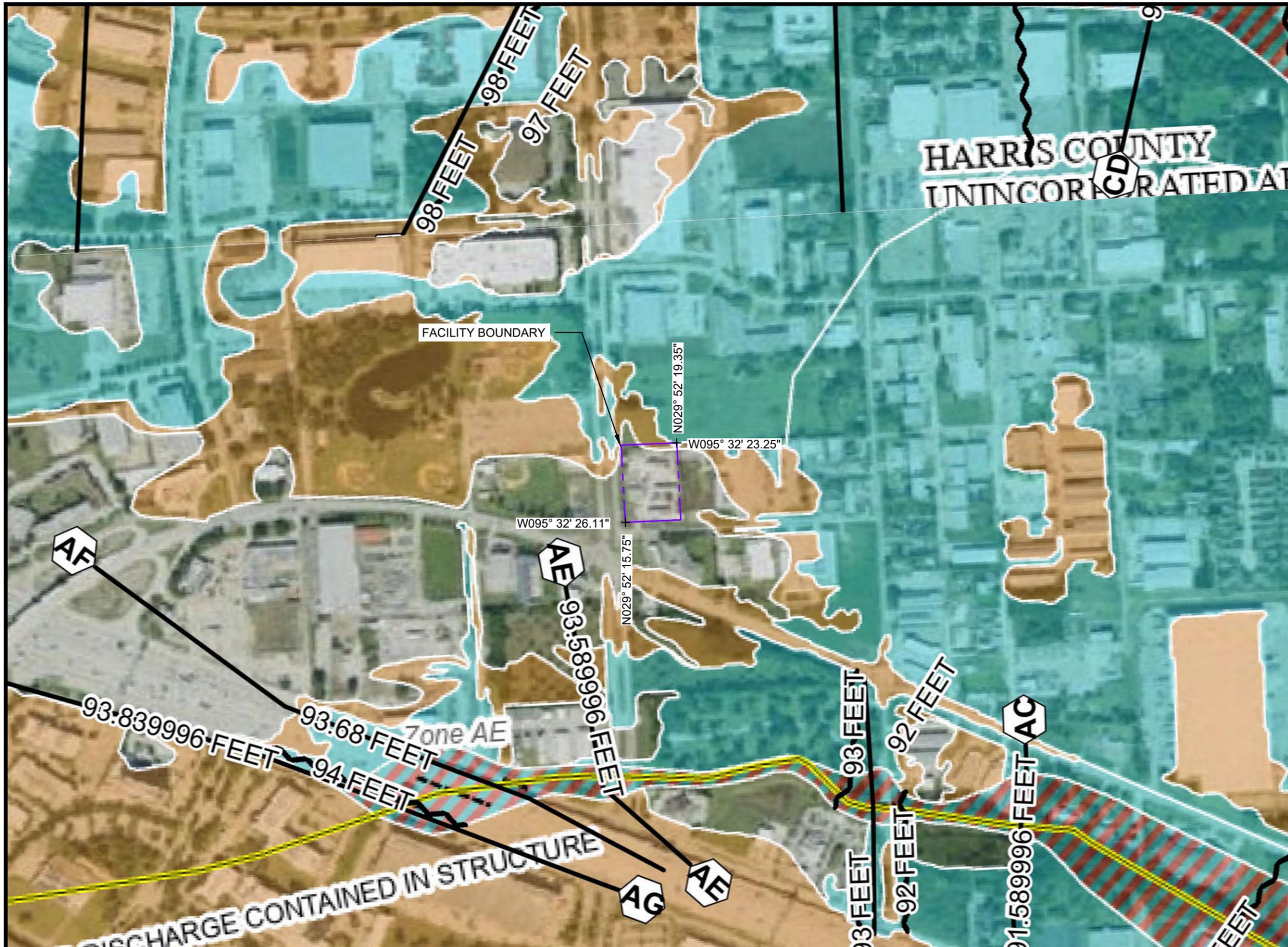


Title: **TRRC OIL AND WELL SEARCH
 LEGACY GREEN KEOUGH
 RECYCLING CENTER**
 HOUSTON, TEXAS

Prepared for: LEGACY GREEN LLC

	Compiled by: GRH	Date: 11/2025	FIGURE II-12
	Prepared by: FJJ	Scale: AS SHOWN	
	Project Mgr: ATN	Project: 5089.0001H000	
	File: LEGACY GREEN-KEOUGH RECYCLING CENTER-FIGURE II-12 TRRC OIL AND WELL SEARCH.DWG		

S:\CLIENTS\PROJECTS\LEGACY GREEN\TRANSFER STATION\CADD\PART I\LEGACY GREEN-KEOUGH RECYCLING CENTER-FIGURE II-13 FEMA FLOOD INSURANCE RATE MAP.DWG



LEGEND

--- FACILITY BOUNDARY

FLOOD HAZARD INFORMATION

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR DRAFT FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee See Notes Zone X
		Area with Flood Risk due to Levee Zone D
		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
OTHER AREAS		Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
		20.2 Cross Sections with 1% Annual Chance
		17.5 Water Surface Elevation
		Coastal Transect
		Coastal Transect Baseline
		Profile Baseline
		Hydrographic Feature
		Base Flood Elevation Line (BFE)
OTHER FEATURES		Limit of Study
		Jurisdiction Boundary

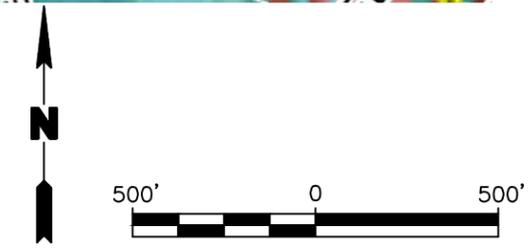
STATE OF TEXAS
GARY RUSSELL HORWITZ
48495
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01/26/26

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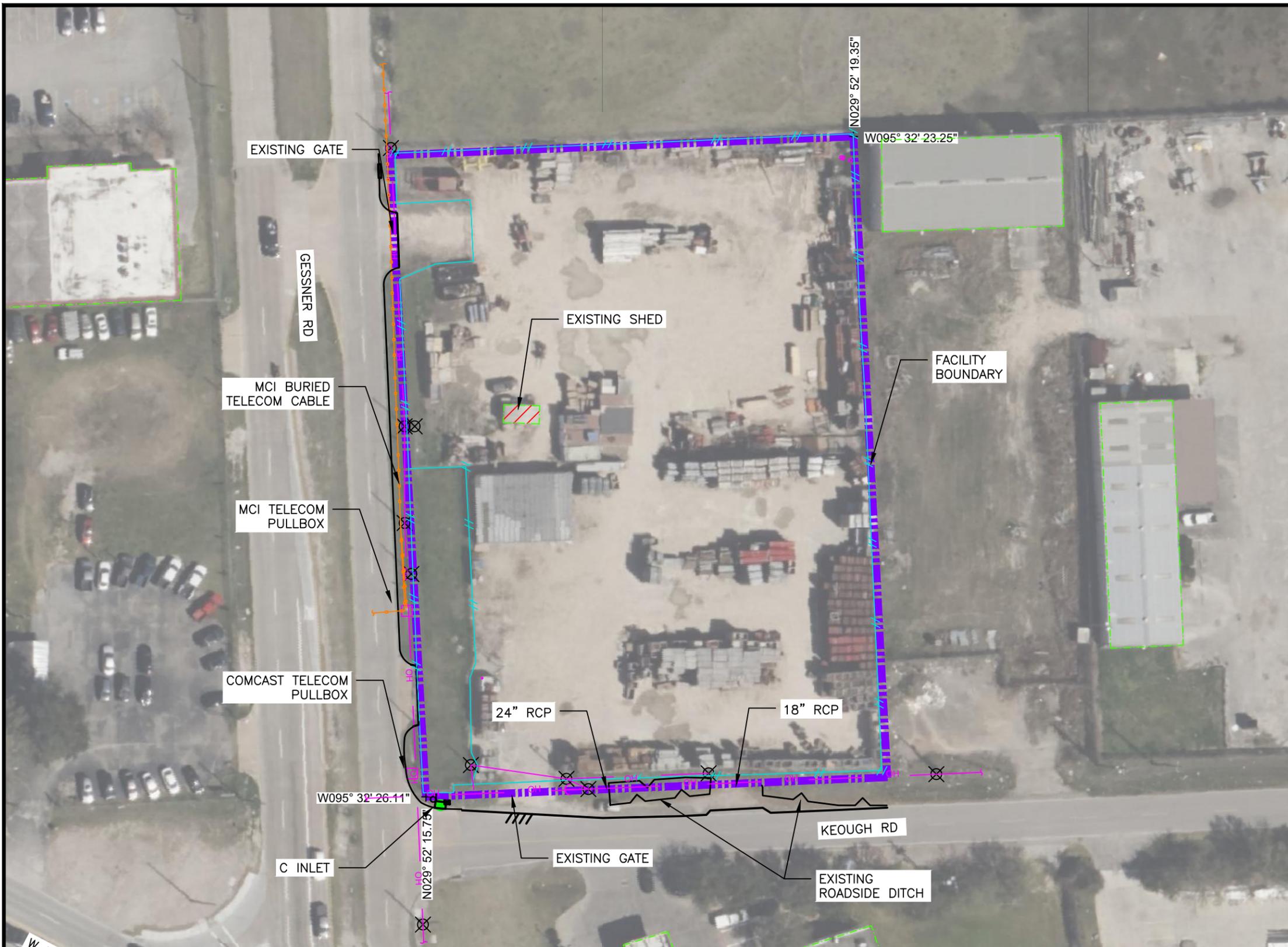
Title: FEMA FLOOD INSURANCE RATE MAP LEGACY GREEN KEOUGH RECYCLING CENTER HOUSTON, TEXAS		
Prepared for: LEGACY GREEN LLC		
	Compiled by: GRH Prepared by: FJJ Project Mgr: ATN File: LEGACY GREEN KEOUGH RECYCLING CENTER FIGURE II-13 FEMA FLOOD INSURANCE RATE MAP.DWG	Date: 11/2025 Scale: AS SHOWN Project: 5089.0001H000
		FIGURE II-13

REFERENCE(S)

- FLOOD INSURANCE RATE MAP TAKEN FROM FEMA FLOOD MAP SERVICE CENTER, DELIVERED IN PDF, <HTTP://MSC.FEMA.GOV/PORTAL> (ACCESSED SEPTEMBER 2025). MAP NUMBERS 48201C0635M & 48201C0445M.



S:\CLIENTS\PROJECTS\LEGACY GREEN\TRANSFER STATION\CADD\PART II\LEGACY GREEN-KEOUGH RECYCLING CENTER-FIGURE II-14 SITE DEVELOPMENT PLAN - EXISTING SITE LAYOUT.DWG



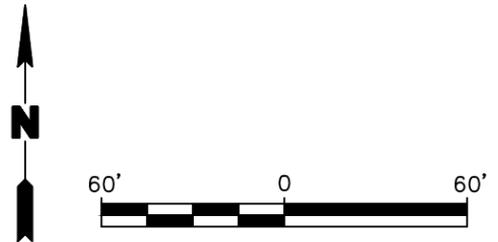
LEGEND

	FACILITY BOUNDARY
	OVERHEAD POWERLINES
	POWER POLE
	MCI BURIED TELECOM CABLE
	TELECOM PULLBOX
	EXISTING FENCE
	EXISTING STRUCTURES
	STRUCTURES TO BE REMOVED

STATE OF TEXAS
 GARY RUSSELL HORWITZ
 48495
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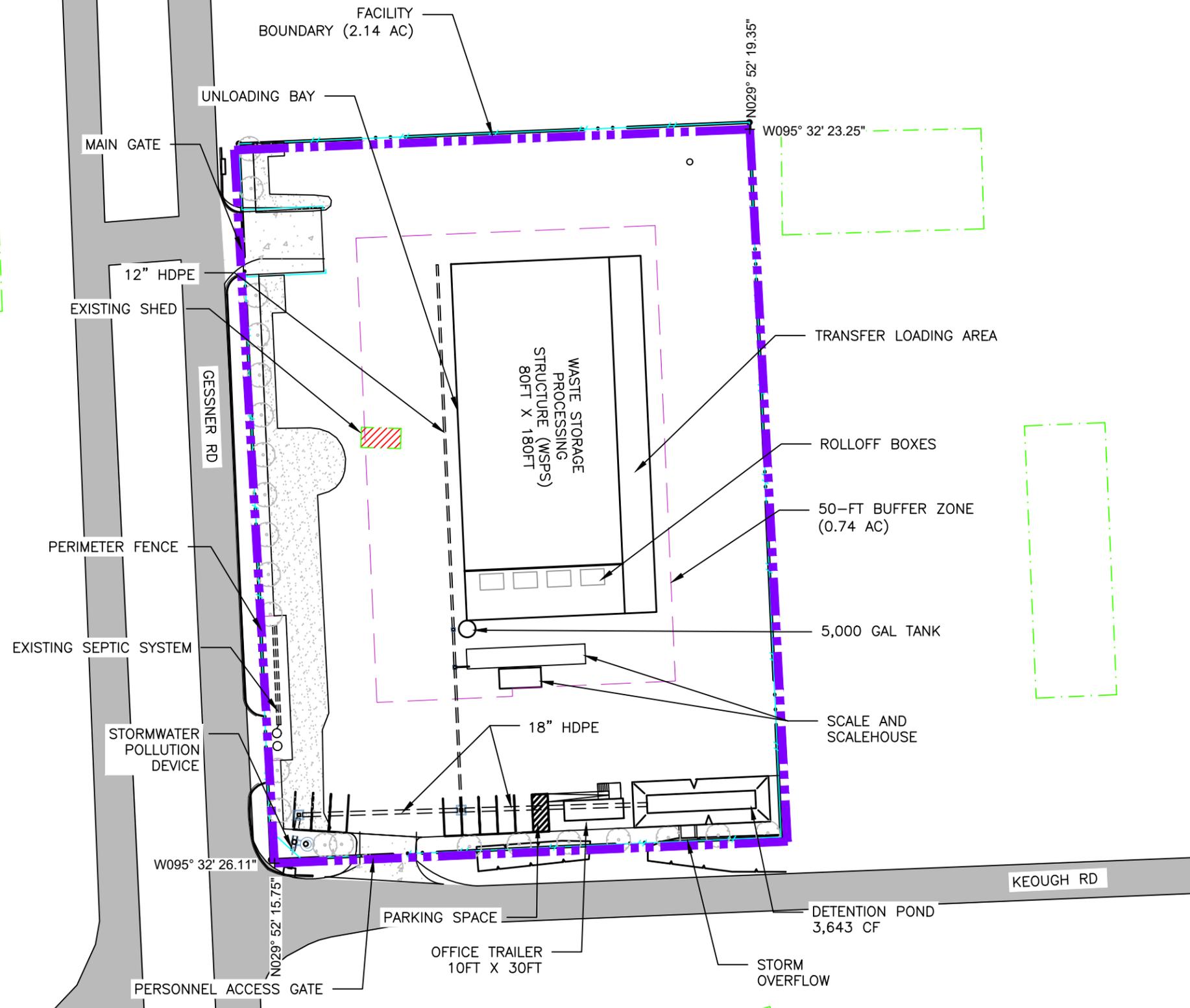
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- REFERENCE(S)**
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Title: SITE DEVELOPMENT PLAN - EXISTING SITE LAYOUT LEGACY GREEN KEOUGH RECYCLING CENTER HOUSTON, TEXAS		
Prepared for: LEGACY GREEN		
	Compiled by: GRH	Date: 11/2025
	Prepared by: FJJ	Scale: AS SHOWN
	Project Mgr: ATN	Project: 5089.0001H000
	File: LEGACY GREEN-KEOUGH RECYCLING CENTER-FIGURE II-14 SITE DEVELOPMENT PLAN - EXISTING SITE LAYOUT.DWG	
		FIGURE II-14

S:\CLIENTS\PROJECTS\LEGACY GREEN\TRANSFER STATION\CADD\PART III\LEGACY GREEN-KEOUGH RECYCLING CENTER-FIGURE II-15 SITE DEVELOPMENT PLAN - PROPOSED SITE LAYOUT.DWG



LEGEND

- FACILITY BOUNDARY
- PERIMETER FENCE
- EXISTING STRUCTURES
- EXISTING STRUCTURES TO BE REMOVED
- PROPOSED STRUCTURES
- EXISTING ROADSIDE DITCH
- 50-FT BUFFER ZONE
- HDPE PIPE
- LANDSCAPE BUFFER ZONE
- GRAVEL AREA

STATE OF TEXAS
 GARY RUSSELL HORWITZ
 48495
 [Signature]
 INTENDED FOR PERMITTING PURPOSES ONLY 01/26/26

ISSUED FOR PERMITTING

Title: SITE DEVELOPMENT PLAN - PROPOSED SITE LAYOUT LEGACY GREEN KEOUGH RECYCLING CENTER HOUSTON, TEXAS		
Prepared for: LEGACY GREEN		
	Compiled by: GRH	Date: 11/2025
	Prepared by: FJJ	Scale: AS SHOWN
	Project Mgr: ATN	Project: 5089.0001H000
	File: LEGACY GREEN-KEOUGH RECYCLING CENTER-FIGURE II-15 SITE DEVELOPMENT PLAN - PROPOSED SITE LAYOUT.DWG	
		FIGURE II-15



Type V Transfer Station Registration Application, Part II
Legacy Green Keough Transfer Station

PART 2 - ATTACHMENTS

- IIA Water Well Database
- IIB Agency Coordination Correspondence
- IIB-1 Texas Department of Transportation (TxDOT)
- IIB-2 Federal Aviation Administration
- IIB-3 United States Army Corps of Engineers
- IIB-4 Texas Parks and Wildlife Department (TPWD)
- IIB-5 Texas Historical Commission (THC)
- IIB-6 Houston-Galveston Area Council (H-GAC)
- IIB-7 Harris County Precinct 1

Type V Transfer Station Registration Application, Part II
Legacy Green Keough Transfer Station

ATTACHMENT IIA

Attachment IIA
Water Well Database

[GWDB Reports and Downloads](#)

Well Basic Details

[Scanned Documents](#)

State Well Number	6512209
County	Harris
River Basin	San Jacinto
Groundwater Management Area	14
Regional Water Planning Area	H - Region H
Groundwater Conservation District	Harris-Galveston Subsidence District
Latitude (decimal degrees)	29.863612
Latitude (degrees minutes seconds)	29° 51' 49" N
Longitude (decimal degrees)	-95.548889
Longitude (degrees minutes seconds)	095° 32' 56" W
Coordinate Source	+/- 1 Second
Aquifer Code	112CHCT - Chicot Aquifer
Aquifer	Gulf Coast
Aquifer Pick Method	
Land Surface Elevation (feet above sea level)	103
Land Surface Elevation Method	Interpolated From Topo Map
Well Depth (feet below land surface)	295
Well Depth Source	Unknown
Drilling Start Date	
Drilling End Date	0/0/1969
Drilling Method	Mud (Hydraulic) Rotary
Borehole Completion	

Well Type	Withdrawal of Water
Well Use	Industrial
Water Level Observation	None
Water Quality Available	Yes
Pump	Turbine
Pump Depth (feet below land surface)	
Power Type	Electric Motor
Annular Seal Method	
Surface Completion	
Owner	Elder Leasing
Driller	Bussell & Son
Other Data Available	
Well Report Tracking Number	
Plugging Report Tracking Number	
U.S. Geological Survey Site Number	
Texas Commission on Environmental Quality Source Id	
Groundwater Conservation District Well Number	
Owner Well Number	
Other Well Number	
Previous State Well Number	
Reporting Agency	
Created Date	6/5/1997
Last Update Date	6/5/1997

Remarks

Casing - No Data

Well Tests - No Data

Lithology - No Data

Annular Seal Range - No Data

Borehole - No Data

Plugged Back - No Data

Filter Pack - No Data

Packers - No Data

Water Level Measurements

No Data Available

Water Quality Analysis

Sample Date: 8/29/1984 **Sample Time:** **Sample Number:** 1 **Collection Entity:** U.S. Geological Survey
Sampled Aquifer: Chicot Aquifer
Analyzed Lab: U.S. Geological Survey Lab **Reliability:** From USGS for NAWQA with "Clean Sample" technique
Collection Remarks: No Data

Parameter Code	Parameter Description	Flag	Value*	Units	Plus/Minus
01000	ARSENIC, DISSOLVED (UG/L AS AS)	<		1 ug/L	

* Value may not display all significant digits for parameter in results, check Scanned Documents for laboratory paperwork..

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[GWDB Reports and Downloads](#)

Well Basic Details

[Scanned Documents](#)

State Well Number	6512212
County	Harris
River Basin	San Jacinto
Groundwater Management Area	14
Regional Water Planning Area	H - Region H
Groundwater Conservation District	Harris-Galveston Subsidence District
Latitude (decimal degrees)	29.874722
Latitude (degrees minutes seconds)	29° 52' 29" N
Longitude (decimal degrees)	-95.553334
Longitude (degrees minutes seconds)	095° 33' 12" W
Coordinate Source	+/- 10 Seconds
Aquifer Code	121EVGL - Evangeline Aquifer
Aquifer	Gulf Coast
Aquifer Pick Method	
Land Surface Elevation (feet above sea level)	107
Land Surface Elevation Method	Interpolated From Topo Map
Well Depth (feet below land surface)	1016
Well Depth Source	Driller's Log
Drilling Start Date	
Drilling End Date	3/27/1974
Drilling Method	
Borehole Completion	

Well Type	Withdrawal of Water
Well Use	Public Supply
Water Level Observation	None
Water Quality Available	Yes
Pump	Turbine
Pump Depth (feet below land surface)	
Power Type	Electric Motor
Annular Seal Method	
Surface Completion	
Owner	HCO MUD 25
Driller	Layne Texas
Other Data Available	Drillers Log
Well Report Tracking Number	
Plugging Report Tracking Number	
U.S. Geological Survey Site Number	
Texas Commission on Environmental Quality Source Id	G1010422A
Groundwater Conservation District Well Number	
Owner Well Number	
Other Well Number	
Previous State Well Number	
Reporting Agency	U.S. Geological Survey
Created Date	9/19/1997
Last Update Date	9/19/1997

Remarks

Casing - No Data

Well Tests - No Data

Lithology - No Data

Annular Seal Range - No Data

Borehole - No Data

Plugged Back - No Data

Filter Pack - No Data

Packers - No Data

Water Level Measurements

No Data Available

Water Quality Analysis

Sample Date: 3/27/1974 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Registered Water Well Driller

Sampled Aquifer: Evangeline Aquifer

Analyzed Lab: Edna Wood Lab

Reliability:

Collection Remarks: No Data

Parameter Code	Parameter Description	Flag	Value*	Units	Plus/Minus
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)		0	mg/L	
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)		189.29	mg/L as CaCO 3	
00440	BICARBONATE ION, CALCULATED (MG/L AS HCO3)		231	mg/L	
00910	CALCIUM (MG/L)		48	mg/L	
00445	CARBONATE ION, CALCULATED (MG/L AS CO3)		0	mg/L	
00940	CHLORIDE, TOTAL (MG/L AS CL)		46	mg/L	
00950	FLUORIDE, DISSOLVED (MG/L AS F)		0.2	mg/L	
00900	HARDNESS, TOTAL, CALCULATED (MG/L AS CaCO3)		144	mg/L as CaCO 3	
00920	MAGNESIUM (MG/L)		6	mg/L	
00400	PH (STANDARD UNITS), FIELD		7.5	SU	
71860	RESIDUAL SODIUM CARBONATE, CALCULATED		0.9		
00955	SILICA, DISSOLVED (MG/L AS SiO2)		19	mg/L as SiO2	
00931	SODIUM ADSORPTION RATIO, CALCULATED (SAR)		2.03		
00932	SODIUM, CALCULATED, PERCENT		45	PCT	
00929	SODIUM, TOTAL (MG/L AS Na)		56	mg/L	
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM AT 25C)		511	MICR	
00945	SULFATE, TOTAL (MG/L AS SO4)		12	mg/L as SO4	
70301	TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L)		300	mg/L	

* Value may not display all significant digits for parameter in results, check Scanned Documents for laboratory paperwork..

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[GWDB Reports and Downloads](#)

Well Basic Details

[Scanned Documents](#)

State Well Number	6512304
County	Harris
River Basin	San Jacinto
Groundwater Management Area	14
Regional Water Planning Area	H - Region H
Groundwater Conservation District	Harris-Galveston Subsidence District
Latitude (decimal degrees)	29.866389
Latitude (degrees minutes seconds)	29° 51' 59" N
Longitude (decimal degrees)	-95.532778
Longitude (degrees minutes seconds)	095° 31' 58" W
Coordinate Source	+/- 10 Seconds
Aquifer Code	112CHCT - Chicot Aquifer
Aquifer	Gulf Coast
Aquifer Pick Method	
Land Surface Elevation (feet above sea level)	95
Land Surface Elevation Method	Interpolated From Topo Map
Well Depth (feet below land surface)	347
Well Depth Source	Another Government Agency
Drilling Start Date	
Drilling End Date	0/0/1958
Drilling Method	
Borehole Completion	

Well Type	Withdrawal of Water
Well Use	Public Supply
Water Level Observation	None
Water Quality Available	No
Pump	Submersible
Pump Depth (feet below land surface)	
Power Type	Electric Motor
Annular Seal Method	
Surface Completion	
Owner	City of Houston Cole Creek Woods
Driller	Lowry Water Wells
Other Data Available	
Well Report Tracking Number	
Plugging Report Tracking Number	
U.S. Geological Survey Site Number	
Texas Commission on Environmental Quality Source Id	G1010013LC
Groundwater Conservation District Well Number	
Owner Well Number	
Other Well Number	
Previous State Well Number	
Reporting Agency	U.S. Geological Survey
Created Date	9/24/1997
Last Update Date	9/24/1997

Remarks

Casing

Diameter (in.)	Casing Type	Casing Material	Schedule	Gauge	Top Depth (ft.)	Bottom Depth (ft.)
5	Blank				0	282
3	Blank				282	317
3	Screen				317	347

Well Tests - No Data

Lithology - No Data

Annular Seal Range - No Data

Borehole - No Data

Plugged Back - No Data

Filter Pack - No Data

Packers - No Data

Water Level Measurements

No Data Available

Water Quality Analysis - No Data Available

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[GWDB Reports and Downloads](#)

Well Basic Details

[Scanned Documents](#)

State Well Number	6512327
County	Harris
River Basin	San Jacinto
Groundwater Management Area	14
Regional Water Planning Area	H - Region H
Groundwater Conservation District	Harris-Galveston Subsidence District
Latitude (decimal degrees)	29.873889
Latitude (degrees minutes seconds)	29° 52' 26" N
Longitude (decimal degrees)	-95.534722
Longitude (degrees minutes seconds)	095° 32' 05" W
Coordinate Source	+/- 1 Second
Aquifer Code	112CHCT - Chicot Aquifer
Aquifer	Gulf Coast
Aquifer Pick Method	
Land Surface Elevation (feet above sea level)	100
Land Surface Elevation Method	Interpolated From Topo Map
Well Depth (feet below land surface)	297
Well Depth Source	Owner
Drilling Start Date	
Drilling End Date	6/0/1971
Drilling Method	Mud (Hydraulic) Rotary
Borehole Completion	Screened

Well Type	Withdrawal of Water
Well Use	Industrial
Water Level Observation	None
Water Quality Available	No
Pump	Turbine
Pump Depth (feet below land surface)	
Power Type	Electric Motor
Annular Seal Method	
Surface Completion	
Owner	Baker Oil Tool
Driller	T.C. Bussell & Sons
Other Data Available	
Well Report Tracking Number	
Plugging Report Tracking Number	
U.S. Geological Survey Site Number	
Texas Commission on Environmental Quality Source Id	
Groundwater Conservation District Well Number	
Owner Well Number	
Other Well Number	
Previous State Well Number	
Reporting Agency	U.S. Geological Survey
Created Date	10/21/1975
Last Update Date	5/6/2010

Remarks

Casing - No Data

Well Tests - No Data

Lithology - No Data

Annular Seal Range - No Data

Borehole - No Data

Plugged Back - No Data

Filter Pack - No Data

Packers - No Data

Water Level Measurements

No Data Available

Water Quality Analysis - No Data Available

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Type V Transfer Station Registration Application, Part II
Legacy Green Keough Transfer Station

ATTACHMENT IIB

Attachment IIB
Agency Coordination Correspondence

Type V Transfer Station Registration Application, Part II
Legacy Green Keough Transfer Station

ATTACHMENT IIB-1

Attachment IIB-1
Texas Department of Transportation (TxDOT)

January 26, 2026

Glenn Allbritton
Houston District Engineer
Texas Department of Transportation (TxDOT)
7600 Washington Ave.
Houston, Texas 77007

Re: Traffic and Location Restrictions Review
Legacy Green Recycling Center
Type V Municipal Solid Waste
Registration Application
Legacy Green LLC
Harris County, Texas

Dear Mr. Allbritton:

Roux Associates, Inc. ("Roux"), on behalf of Legacy Green LLC, is preparing a Registration Application ("RA") for the Legacy Green Keough Recycling Center ("Facility") Type V Municipal Solid Waste (MSW) for submittal to the Texas Commission on Environmental Quality (TCEQ) Permits Section, Waste Permits Division.

The Facility is located within the extraterritorial jurisdiction of the City of Houston, Harris County, Texas. The Facility is located at 9420 Keough Rd, Harris, Texas. The site location is shown on **Figures I-1 and I-2**. Additionally, an aerial photograph showing the site is provided as **Figure I-3**, and the general topographic map is included as **Figure I-4A**. A Site Topographic Survey Map is presented on **Figure I-4B**.

Attachment 1 is a project summary and site location maps. **Attachment 2** is a transportation analysis that was performed for the proposed Legacy Green Recycling Center. There is a minimal impact on Gessner Rd and W Little York Rd throughout the projected life of the Transfer Station. The Level of Service (LOS) for Gessner Rd and W Little York Rd were calculated using road characteristics, road capacities, and formulas obtained from the "Simplified Highway Capacity Calculation Method for the Highway Performance Monitoring System," U.S. Department of Transportation, Federal Highway Administration, October 2017. Gessner Rd and W Little York Rd currently have a LOS of B. With the projected traffic counts to 2041, the LOS will remain the same. The Transfer Station only utilizes a small percentage of the capacities of Gessner Rd and W Little York Rd (less than 1 percent) for the current and future projections.

In order to comply with the current Texas Administrative Code 30 TAC §330.61(i)(4), we are requesting a letter from TxDOT indicating that TxDOT has reviewed traffic and location impacts associated with the Transfer Station. By submission of this letter, we are officially demonstrating coordination with TxDOT to obtain any needed permits or agreements as required by the TAC. Any new permits or agreements required by TxDOT for the Transfer Station to access along Gessner Rd and W Little York Rd will be reconvened upon approval of the Registration Application by the TCEQ.

If further information or documentation is required, please call the undersigned at (281) 397-3805 or via email at [REDACTED]

Sincerely,

ROUX ASSOCIATES, INC.



Annie Nguyen, P.E. (TX 140335)
Senior Engineer I



Gary Horwitch, P.E. (TX 48456)
Technical Director

Attachments: Attachment 1 – Project Summary and Site Location Maps
Attachment 2 – Transportation Analysis

**Type V Transfer Station Registration Application,
Attachment IIB-1,
Texas Department of Transportation (TxDOT)
*Legacy Green Keough Recycling Center***

ATTACHMENT 1

Attachment 1
Project Summary

1. Introduction

Legacy Green LLC is preparing a Registration Application (RA) to be submitted to the Texas Commission on Environmental Quality (TCEQ) Waste Permits Division for an operation of the Legacy Green Keough Recycling Center (“Facility” or “Site”), a Type V Transfer Station. The Facility is located within the extraterritorial jurisdiction of the City of Houston, Texas.

The proposed Legacy Green Keough Recycling Center will operate within a covered pre-engineered metal building where waste will be sorted for recyclable and reusable materials. The remaining unusable and non-recyclable materials will be loaded for disposal at an approved off-site TCEQ-permitted solid waste landfill within 50 miles of the Facility. Recyclables will be temporarily stockpiled inside the building pending shipment to recyclers. The Facility will accept waste from Harris County and the counties included in the Houston-Galveston Area Council (H-GAC).

2. Facility Location

The proposed Legacy Green Keough Recycling Center will be a Type V Transfer Station occupying the entire 2.14-acre tract owned by LMA Exchange #2, LLC. The Facility is located within the extraterritorial jurisdiction of the City of Houston, at 9420 Keough Rd. The Legacy Green Keough Recycling Center public access entrance will be off of Gessner Rd. Access via Keough Rd will be restricted exclusively to staff and visitor vehicles.

The site location is shown on **Figures I-1 and I-2**. Additionally, an aerial photograph showing the site is provided as **Figure I-3**, and the general topographic map is included as **Figure I-4**. A Site Topographic Survey Map is presented on **Figure I-4B**.

The Facility is located on a property owned by LMA Exchange #2, LLC and operated by Legacy Green LLC. The mailing and physical address for the Facility is:

Legacy Green LLC
9420 Keough Road
Houston, Texas 77040

The geographic coordinates of the facility are:

Latitude (degrees, minutes seconds): 29° 52' 17.4"N
Longitude (degrees, minutes seconds): 95° 32' 24.72"W

3. Design Summary

The following information presents a summary of the design and operations for Legacy Green Keough Recycling Center:

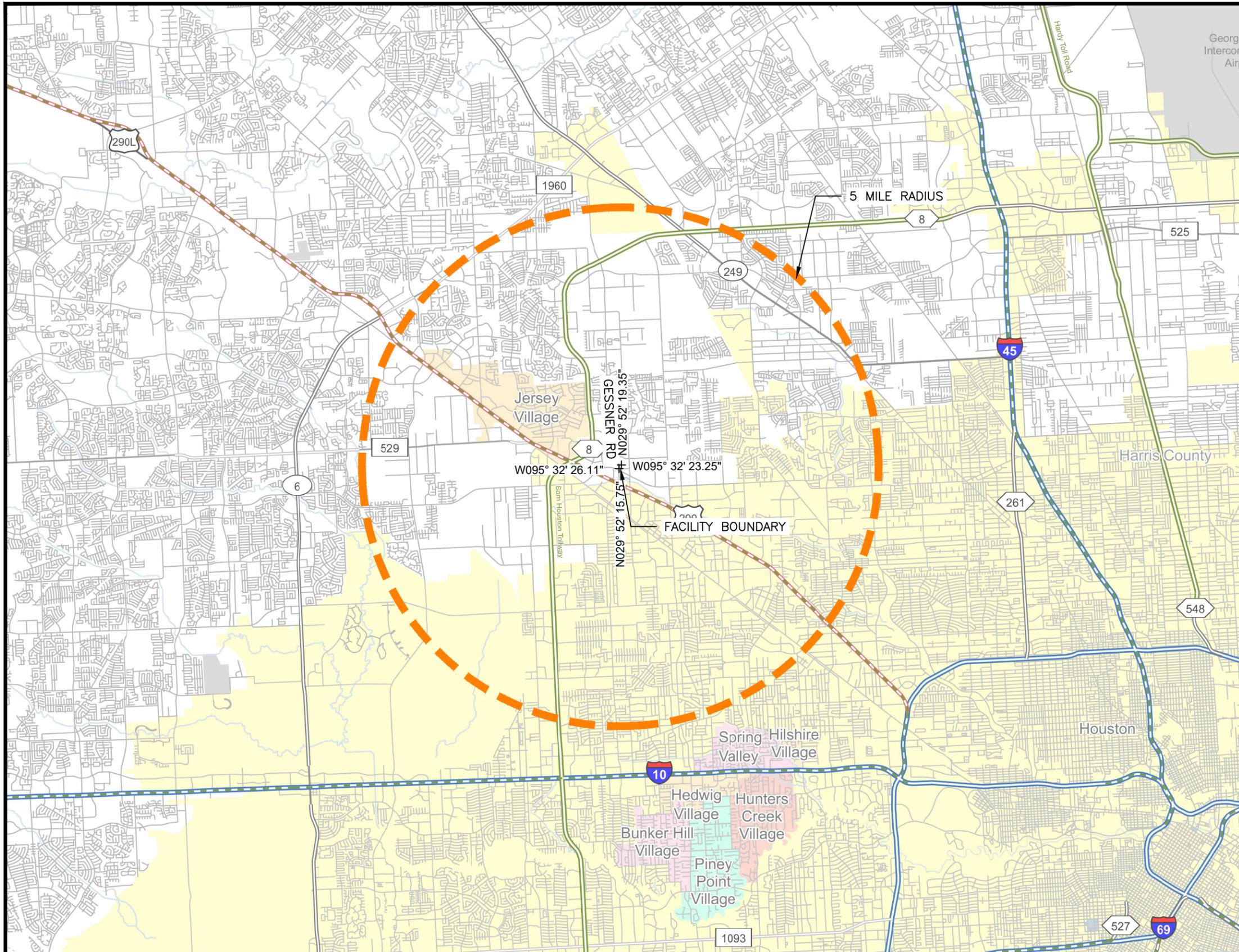
- The Facility will receive non-putrescible solid waste and source-separated recyclable materials, including construction and demolition debris and rubbish from municipal and commercial activities.
- The proposed maximum transfer capacity of the facility is 1,150 tons per day.
- The Facility will recover a minimum of 10% or more by weight of the incoming waste stream.
- The Facility will be open for waste acceptance 24 hours per day, 7 days per week.
- The Facility can be accessed by incoming and outgoing waste vehicles through the public access entrance will be off of Gessner Rd.
- Access via Keough Rd shall be restricted exclusively to staff and visitor vehicles.
- Incoming loads will be weighed and directed to the covered transfer station building / Waste Storage Processing Structure (WSPS). The non-putrescible solid waste will be manually sorted for recyclable and reusable materials. The Operator may choose to install an elevated picking line within the WSPS.
- The unusable/non-recyclable material will be loaded for disposal at an approved off-site TCEQ permitted solid waste landfill within 50 miles of the Facility. The recyclables will be temporarily stockpiled pending shipping to recyclers. No waste sorting or disposal operation will occur outside of the WSPS.
- Once approved by the TCEQ, the facility will be operated in accordance with the TCEQ-approved site operating plan. This plan includes procedures that govern day-to-day operations of the facility as well as routine inspections and housekeeping to ensure compliance with the TCEQ regulations. As part of the operations, litter, dust, and odor control measures and procedures will be implemented.
- Properly trained personnel will operate the Legacy Green Keough Recycling Center to effectively serve the community. A detailed Site Operating Plan (SOP) will be included in the RA. The SOP will detail the required equipment, personnel, and safety procedures required to operate the site in accordance with TCEQ regulations.

**Type V Transfer Station Registration Application,
Attachment IIB-1,
Texas Department of Transportation (TxDOT)
*Legacy Green Keough Recycling Center***

ATTACHMENT 1 - FIGURES

- I-1 General Location Map
- I-2 Site Location Map
- I-3 2025 Aerial Photograph
- I-4A General Topographic Map
- I-4B Site Topographic Survey Map

S:\CLIENTS\PROJECTS\LEGACY GREEN\TRANSFER STATION\CADD\PART I\LEGACY GREEN\KEOUGH RECYCLING CENTER-FIGURE I-1-GENERAL LOCATION MAP.DWG



LEGEND

- FACILITY BOUNDARY
- FACILITY BOUNDARY OFFSET RADIUS

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Title: GENERAL LOCATION MAP LEGACY GREEN KEOUGH RECYCLING CENTER HOUSTON, TEXAS		
Prepared for: LEGACY GREEN LLC		
	Compiled by: GRH	Date: 10/2025
	Prepared by: FJJ	Scale: AS SHOWN
	Project Mgr: ATN	Project: 5089.0001H000
	File: LEGACY GREEN KEOUGH RECYCLING CENTER-FIGURE I-1-GENERAL LOCATION MAP.DWG	

- REFERENCE(S)**
1. BASE MAP TAKEN FROM TEXAS DEPARTMENT OF TRANSPORTATION, GREATER HOUSTON, DECEMBER 6, 2024; DELIVERED IN PDF [HTTPS://WWW.DOT.STATE.TX.US](https://www.dot.state.tx.us).

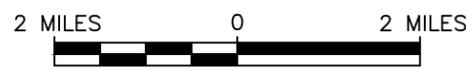


FIGURE
I-1

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LEGEND

- FACILITY BOUNDARY
- FACILITY BOUNDARY OFFSET RADIUS

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Title: SITE LOCATION MAP LEGACY GREEN KEOUGH RECYCLING CENTER HOUSTON, TEXAS		
Prepared for: LEGACY GREEN LLC		
	Compiled by: GRH	Date: 10/2025
	Prepared by: FJJ	Scale: AS SHOWN
	Project Mgr: ATN	Project: 5089.0001H000
	File: LEGACY GREEN-KEOUGH RECYCLING CENTER-FIGURE I-2-SITE LOCATION MAP.DWG	

- REFERENCE(S)**
- BASE MAP TAKEN FROM TEXAS DEPARTMENT OF TRANSPORTATION, COUNTY MAPBOOK 2018, PAGE 1750; DELIVERED IN PDF [HTTPS://WWW.DOT.STATE.TX.US](https://www.dot.state.tx.us).

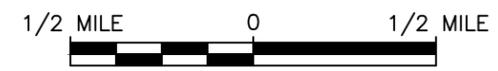
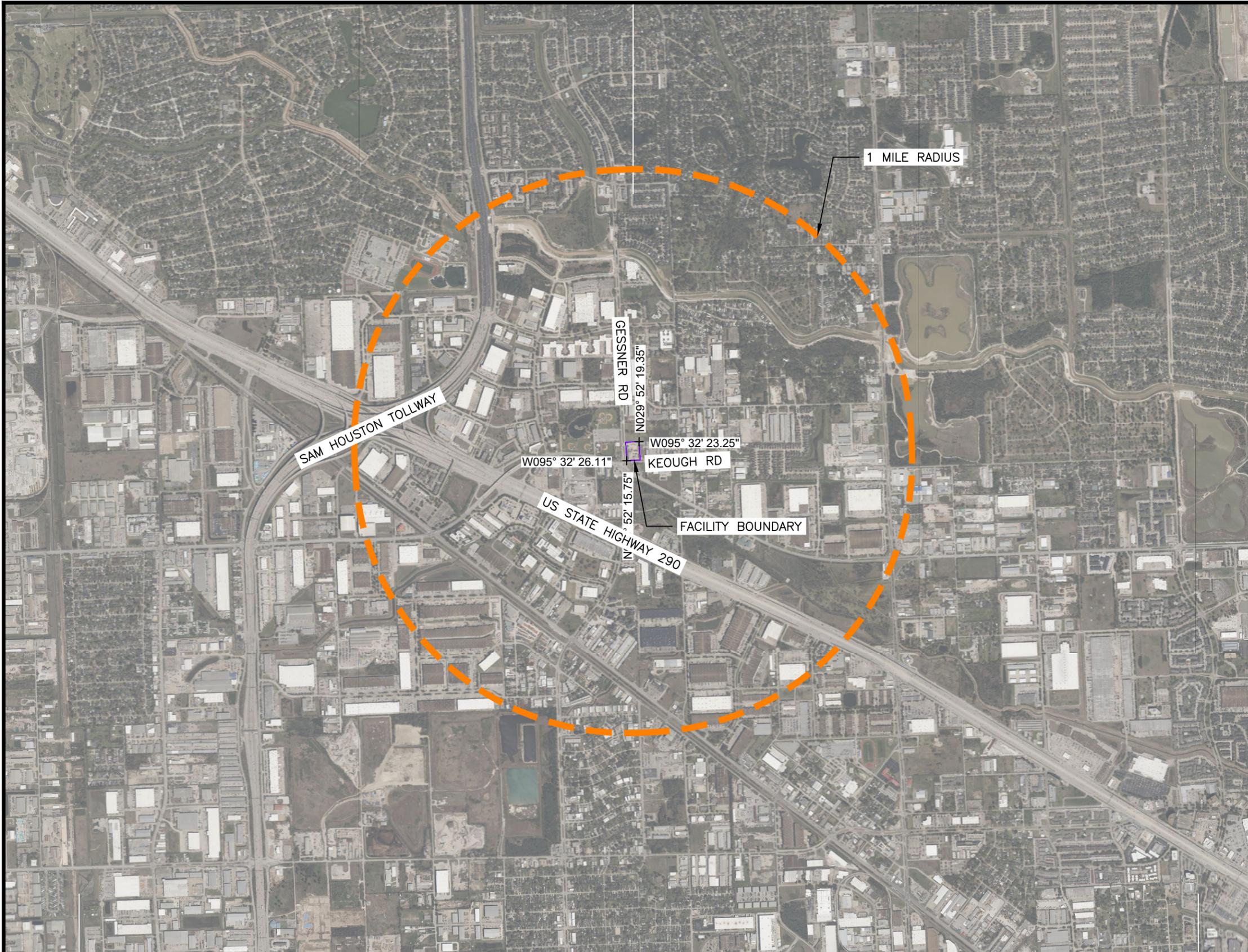


FIGURE
I-2

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LEGEND

--- FACILITY BOUNDARY

--- FACILITY BOUNDARY OFFSET RADIUS

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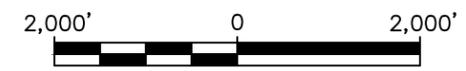


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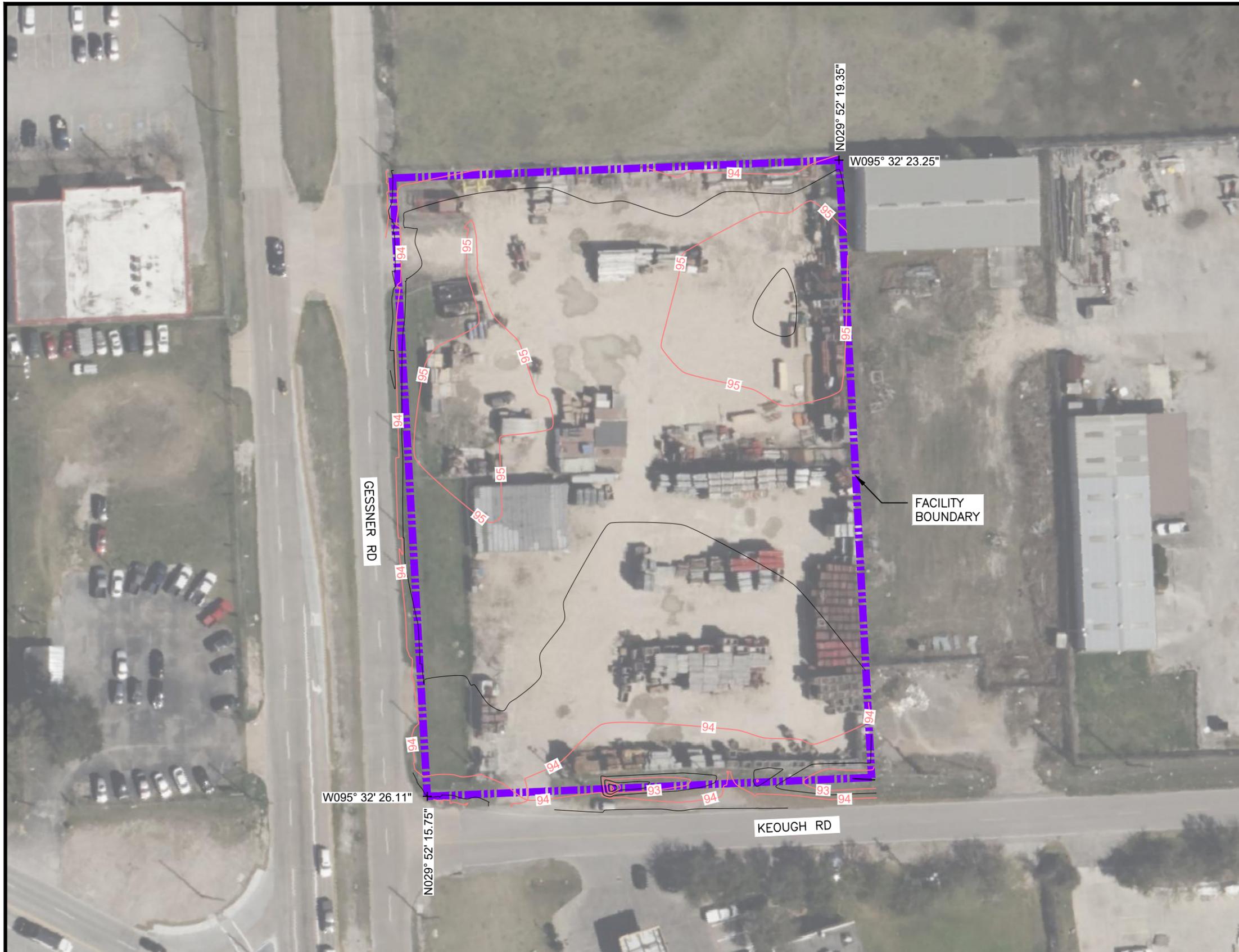
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Prepared for: LEGACY GREEN LLC		
	Compiled by: GRH	Date: 10/2025
	Prepared by: FJJ	Scale: AS SHOWN
	Project Mgr: ATN	Project: 5089.0001H000
	File: LEGACY GREEN-KEOUGH RECYCLING CENTER-FIGURE I-3-2025 AERIAL PHOTOGRAPH.DWG	

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1. BASE MAP TAKEN FROM © MICROSOFT CORPORATION © 2025 MAXAR CNES (2025) DISTRIBUTION AIRBUS DS © 2025 MICROSOFT BING.COM, ACCESSED OCTOBER 2025.



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LEGEND

- ■ ■ ■ FACILITY BOUNDARY
- MAJOR CONTOUR LINE
- MINOR CONTOUR LINE
- 95 ELEVATION

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 GARY RUSSELL HORWITZ
 48495
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Prepared for: LEGACY GREEN LLC		
ROUX	Compiled by: GRH	Date: 11/2025
	Prepared by: FJJ	Scale: AS SHOWN
	Project Mgr: ATN	Project: 5089.0001H000
	File: LEGACY GREEN-KEOUGH RECYCLING CENTER-FIGURE I-4B-SITE TOPOGRAPHIC SURVEY MAP.DWG	

REFERENCE(S)

1. BASE MAP TAKEN FROM © MICROSOFT CORPORATION © 2025 MAXAR CNES (2025) DISTRIBUTION AIRBUS DS © 2025 MICROSOFT BING.COM, ACCESSED OCTOBER 2025.
2. TOPOGRAPHY GENERATED FROM SITE SURVEY CONDUCTED ON SEPTEMBER 5, 2025 BY RODS, INC.

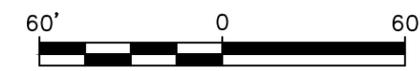


FIGURE
I-4B

**Type V Transfer Station Registration Application,
Attachment IIB-1,
Texas Department of Transportation (TxDOT)
*Legacy Green Keough Recycling Center***

ATTACHMENT 2

Attachment 2
Transportation Analysis

Table of Contents

- 1. Introduction 1
 - 1.1 Purpose 1
 - 1.2 Summary of Proposed Transfer Station 1
- 2. Traffic Information 3
 - 2.1 Availability and Adequacy of Roads 3
 - 2.2 Volume of Vehicular Traffic 3
 - 2.3 Queuing 4
- 3. Summary 5

Tables

- Table 2-1 Access Roadway Characteristics
- Table 2-2 24-Hour One-Way Incoming Waste Vehicle Estimates
- Table 2-3 24-Hour One-Way Outgoing Waste Vehicle Estimates
- Table 2-4 24-Hour One-Way Transfer Station Vehicle Estimates
- Table 2-5 One-Way Traffic Volumes
- Table 2-6 Traffic Impact Assessment

Figures

- Figure II-4 Detail of Facility Access Routes
- Figure II-5 Major Access Roadway within 1 Mile of the Facility
- Figure II-6 Traffic Volume Map
- Figure II-6A Gessner Rd One-Way AADTs
- Figure II-6B W Little York Rd One-Way AADTs
- Figure II-15 Site Development Plan – Proposed Site Layout



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1. Introduction

1.1 Purpose

Legacy Green LLC is in the process of developing a type V Registration Application for the Legacy Green Keough Recycling Center (Facility). The proposed Transfer Station will receive non-putrescible solid waste, including construction and demolition debris and rubbish from municipal and commercial activities, which will be processed for recyclable and reusable materials. After the recyclable and reusable materials are removed the remaining unusable and non-recycle materials will be re-containerized and shipped off-site for disposal at a permitted solid waste landfill within 50 miles of the Facility.

The purpose of the permit application to the Texas Commission on Environmental Quality (TCEQ) is to construct and operate the Legacy Green Keough Recycling Center which will process up to a maximum daily volume of incoming waste material of 1,150 tons per day (TPD) at full capacity. Initially, Phase A will be constructed, with Phase B to follow based on market conditions. The TCEQ will inspect and approve Phase B prior to usage for solid waste operations. The Facility's registration application will undergo a thorough technical review by the TCEQ before obtaining authorization to operate.

The purpose of this study is to show that the existing access roads will continue to provide excellent access, and the proposed improved transfer station will not adversely impact the existing or future traffic patterns of the Facility access roads. The study is completed in accordance with the requirements listed in 30 TAC §330.61(i)(1)-(4), which requires the following information.

- Provide data on the availability and adequacy of roads that the owner or operator will use to access the site;
- Provide data on the volume of vehicular traffic on access roads within one mile of the proposed facility, both existing and expected, during the expected life of the proposed facility;
- Project the volume of traffic expected to be generated by the facility on the access roads within one mile of the proposed facility; and
- Submit documentation of coordination of all designs of proposed public roadway improvements such as turning lanes, storage lanes, etc., associated with site entrances with the agency exercising maintenance responsibility of the public roadway involved. In addition, the owner or operator shall submit documentation of coordination with the Texas Department of Transportation for traffic and location restrictions.

1.2 Summary of Proposed Transfer Station

As illustrated on **Figure II-15**, Site Development Plan – Proposed Site Layout, the proposed transfer station building / Waste Storage Processing Structure (WSPS) will be a proposed pre-engineered metal building with a total area of approximately 14,400 square feet. All incoming vehicles including transfer trailers, collection vehicles, and self-haul vehicles, will enter the site through the proposed entrance lockable gate located off Gessner Rd.

After entering the Facility, incoming transfer vehicles will circulate around the Waste Storage Processing Structure (WSPS) and stop at the scale for weighing before proceeding to the at-grade unloading bay on

the west end of the WSPS to unload. Once unloaded, transfer vehicles will exit the Facility and return to Gessner Rd. Access via Keough Rd will be restricted exclusively to staff and visitor vehicles.

Outgoing transport vehicles carrying recyclable and non-recyclable materials will proceed through the transfer loading area on the eastern side of the WSPS for loading, stop at the scale for weighing, and then exit via Gessner Road.

The non-putrescible solid waste will be manually sorted for recyclable and reusable materials. The unusable/non-recyclable material will be loaded for disposal at an approved off-site TCEQ permitted solid waste landfill within 50 miles of the Facility. The recyclables will be temporarily stockpiled pending shipping to recyclers. No waste sorting or disposal operation will occur outside of the WSPS.

The Facility will accept non-putrescible solid waste, including construction and demolition debris and rubbish from municipal and commercial activities as permitted by the TCEQ. Properly trained personnel will operate the transfer station. A detailed Site Operating Plan (SOP) will be included in the transfer station Registration Application. The SOP will detail the required equipment, personnel, and safety procedures required to operate the site in accordance with TCEQ regulations. The Legacy Green Keough Recycling Center will be inspected by the TCEQ on a regular basis to ensure the site is in compliance with state regulations.

2. Traffic Information

2.1 Availability and Adequacy of Roads

Access roads serving the Facility are shown on **Figure II-4**, Detail of Facility Access Routes, and **Figure II-5**, Major Access Roadway within 1 Mile of the Facility. **Figure II-5** Major Access Roadway within 1 Mile of the Facility, illustrates the primary transportation routes surrounding the site. Within a one-mile radius, the major access roads include U.S. Highway 290, Sam Houston Tollway (Beltway 8), Gessner Road, and West Little York Road. Other roads within one mile of the site may be periodically used by collection vehicles to serve residences and businesses located along or near these roadways; however, these roads are not designated as primary access routes to the Facility. Access via Keough Road shall be limited exclusively to staff and visitor vehicles.

Gessner Rd and W Little York Rd are suitable to handle the projected traffic load associated with the Transfer Station. Gessner Rd and West Little York Road are each comprised of four-lane asphalt paved highways with a posted maximum speed of 40 mph. **Table 2-1** presents the Access Roadway Characteristics of Gessner Rd and W Little York Rd.

There is about 185 feet of queuing space between the entrance gate on Gessner Rd and the transfer loading area, which can accommodate approximately four waste hauling vehicles, providing ample queuing area for waste vehicles, as noted in **Section 2.3**.

According to TxDOT Statewide Planning Map, accessed December 2025, within one mile of the proposed Facility, there will be four projects with construction to begin within four years on Sam Houston Parkway for routine maintenance, landscape development, and safety improvements, and a project with construction to begin within four years on U.S. Highway 290 for landscape development. There will also be a project with construction to begin in five to ten years on Hempstead Road for road widening.

2.2 Volume of Vehicular Traffic

Figure II-6, Traffic Volume Map, shows the current traffic volumes on Gessner Rd and W Little York Rd, the access roads within one mile of the Facility. **Figure II-6A** illustrates the one-way Average Annual Daily Traffic (AADT) volumes for Gessner Rd, while **Figure II-6B** illustrates the one-way AADT volumes for W. Little York Rd.

The volumes of vehicle traffic for Gessner Rd and W Little York Rd are summarized in **Table 2-5**. As noted on **Table 2-5**, traffic counts were taken from the TxDOT Traffic Count Database System (TCDS). As shown on **Table 2-6**, existing 2021 one-way traffic volumes were projected to the year 2041 to evaluate the future level of service of the site access roads.

Traffic associated with the Transfer Station is estimated as shown on **Tables 2-2** through **2-4**. Traffic projections were developed for the traffic patterns that will occur at the proposed Transfer Station maximum transfer capacity of 1,150 TPD.

The traffic volume impact assessment is summarized in **Table 2-6**. As shown, there is a minimal impact on Gessner Rd and W Little York Rd throughout the projected life of the Transfer Station. The Level of Service (LOS) for Gessner Rd and W Little York Rd were calculated using road characteristics, road capacities,

and formulas obtained from the “*Simplified Highway Capacity Calculation Method for the Highway Performance Monitoring System*,” U.S. Department of Transportation, Federal Highway Administration, October 2017. As shown on **Table 2-6**, Gessner Rd and W Little York Rd have a LOS of B. With the projected traffic counts to 2041, the LOS for both access roads will remain the same. The Transfer Station only utilizes a small percentage of the capacities of Gessner Rd and W Little York Rd (less than 2 percent) for the current and future projections.

2.3 Queuing

As shown on **Figure II-15**, there is approximately 185 feet of queuing space between the entrance gate on Gessner Rd and the Transfer Loading Area, accommodating around four waste hauling vehicles within the limits of the Facility. The available queuing area within the Facility is sufficient to avoid queuing and disturbance on Gessner Rd.

3. Summary

In summary, the current 2021 roadway system providing access to the Legacy Green Keough Recycling Center provides adequate access to the Facility. Additionally, the current and projected 2041 traffic conditions would be minimally impacted by the proposed transfer station traffic. Therefore, the existing access roads within one mile of the site (Gessner Rd and W Little York Rd) will not be significantly impacted due to the proposed development of a transfer station.

**Type V Transfer Station Registration Application,
Attachment IIB-1,
Texas Department of Transportation (TxDOT)
*Legacy Green Keough Recycling Center***

ATTACHMENT 2 - TABLES

- 2-1 Access Roadway Characteristics
- 2-2 24-Hour One-Way Incoming Waste Vehicle Estimates
- 2-3 24-Hour One-Way Outgoing Waste Vehicle Estimates
- 2-4 24-Hour One-Way Transfer Station Vehicle Estimates
- 2-5 One-Way Traffic Volumes
- 2-6 Traffic Impact Assessment

Table 2-1. Access Roadway Characteristics

Roadway	Number of Lanes ¹	Speed Limit (MPH) ²	Curb/Shoulders	Surface Type	Weight Limit (lb) ³
Gessner Rd	4	40	Curb	Asphaltic concrete	80,000
W Little York Rd	4	40	Curb	Asphaltic concrete	80,000

Notes:

¹ The number of lanes is total in both directions.

² MPH = Miles per Hour

³ Weight Limit taken as the gross maximum weight limit from the Texas Department of Motor Vehicles.

Table 2-2. 24-Hour One-Way Incoming Waste Vehicle Estimates

Facility Capacity (TPD) ¹	Vehicle Load Capacity (CY) ²	% Distribution	Incoming Waste (TPD) ¹	Incoming Waste (CY/D) ^{3,4}	One-Way Incoming Waste Vehicle Count (VPD) ⁵
1,150	5	5%	57.5	230	46
	20	15%	172.5	690	35
	30	40%	460	1,840	62
	40	40%	460	1,840	46
TOTAL		100%	1,150	4,600	189

Notes:

¹ TPD = Tons per Day

² CY = Cubic Yard

³ CY/D = Cubic Yards per Day

⁴ Assuming a Waste Density of 500 lb/CY

⁵ VPD = Vehicles per Day

Table 2-3. 24-Hour One-Way Outgoing Waste Vehicle Estimates

Facility Capacity (TPD) ¹	Outgoing Vehicle Type	Vehicle Load Capacity (CY) ²	Vehicle Load Capacity (Tons) ³	% Distribution	Outgoing Waste (TPD) ¹	One-Way Outgoing Waste Vehicle Count (VPD) ⁴
1,150	Recycle Vehicle	40	10	10%	115	12
	Landfill Vehicle	40	10	90%	1,035	104
TOTAL				100%	1,150	116

Notes:

¹ TPD = Tons per Day

² CY = Cubic Yard

³ Assuming a Waste Density of 500 lb/CY

⁴ VPD = Vehicles per Day

Table 2-4. 24-Hour One-Way Transfer Station Vehicle Estimates¹

Incoming Waste Vehicles (VPD)	Outgoing Waste Vehicles (VPD)	Staff Vehicles (VPD) ¹	Total One-Way Vehicle Count (VPD)
189	116	15	320

Note:

¹ Staff Vehicles gathered as the Typical Staffing Total from Part IV Table IV-4, Typical Staffing Levels.



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Table 2-5. One-Way Traffic Volumes

Facility Capacity (TPD) ¹	Road	Direction	One-Way Traffic Volumes (VPD) ²		Existing 2021 Traffic Volume (VPD) ²			Projected 2041 Traffic Volume (VPD) ²		
			Daily ³	Peak Hour ⁵	Daily			Daily		
					TS Trips ⁶	Non-TS Trips ³	Total	TS Trips	Non-TS Trips ⁴	Total
1,150	Gessner Rd	North Bound	8,235	824	320	8,235	8,555	320	9,933	10,253
	Gessner Rd	South Bound	6,804	680	320	6,804	7,124	320	8,207	8,527
	W Little York Rd	West Bound	8,657	866	160	8,657	8,817	160	10,442	10,602

Notes:

- ¹ TPD = Tons per Day
- ² VPD = Vehicles per Day
- ³ One-way traffic count data was obtained from Texas Department of Transportation 2021 Traffic Count Database for Gessner Rd and W Little York Rd.
- ⁴ The projected traffic volumes were obtained using projected growth rates for the surrounding area growth rate (non-Transfer Station vehicles). The growth rates were obtained from the Texas Water Development Board, 2021 Regional Water Plan for Harris County in Region H. The annual population increase for 2021-2030 is 7.44%, for 2031-2040 is 6.29%, for 2041-2044 is 5.62%.
- ⁵ Peak hour volumes are assumed to be ten percent of total daily traffic.
- ⁶ Estimated one-way Transfer Station (TS) trips are presented in Table 2-4 and adjusted with the assumption that only half of the outgoing vehicles exit West Bound onto W Little York Rd. Gessner Rd is evaluated at 100% of the vehicles traveling North Bound and South Bound.

Table 2-6. Traffic Impact Assessment¹

Facility Capacity (TPD) ²	Road	Direction	Roadway Design Capacity (VPD) ^{5,6,7}	2021 Traffic Condition (Non-TS) ³			2021 Traffic Condition (With TS) ³				Projected 2041 Traffic Volume ⁴					
				Total Traffic (VPD)	% of Roadway Capacity Used	Level of Service ^{5,6,7}	TS Traffic (VPD)	Total Traffic (VPD) ⁵	% of Roadway Capacity Used	Level of Service ^{5,6,7}	% of Roadway Capacity Used by TS Vehicles	TS Traffic (VPD)	Total Traffic (VPD)	% of Roadway Capacity Used	Level of Service ^{5,6,7}	% of Roadway Capacity Used by TS Vehicles
1,150	Gessner Rd	North Bound	22,750	8,235	36.2%	B	320	8,555	37.6%	B	1.4%	320	10,253	45.1%	B	1.4%
	Gessner Rd	South Bound	22,750	6,804	29.9%	B	320	7,124	31.3%	B	1.4%	320	8,527	37.5%	B	1.4%
	W Little York Rd	West Bound	19,050	8,657	45.4%	B	160	8,817	46.3%	B	0.8%	160	10,602	55.7%	B	0.8%

Notes:

- ¹ Traffic volumes listed in this table include one-way traffic volumes.
- ² TPD = Tons per Day
- ³ Traffic count data was obtained from Texas Department of Transportation 2021 Traffic Count Database for Gessner Rd and W Little York Rd.
- ⁴ The projected traffic volumes were obtained using projected growth rates for the surrounding area growth rate (non-Transfer Station vehicles). The growth rates were obtained from the Texas Water Development Board, 2021 Regional Water Plan for Harris County in Region H. The annual population increase for 2021-2030 is 7.44%, for 2031-2040 is 6.29%, for 2041-2044 is 5.62%.
- ⁵ Capacities were obtained or estimated using the Highway Capacity Manual, 2016.
- ⁶ **Table 15. Signalized Highway Generalized Service Volume Table**, "Simplified Highway Capacity Calculation Method for the Highway Performance Monitoring System", U.S. Department of Transportation, Federal Highway Administration, October 2017. Assuming Gessner Road with a % Green Time of 65% due to traffic lights and dividing capacities by 2 for one-way vehicle per day capacities.
- ⁷ **Table 15. Signalized Highway Generalized Service Volume Table**, "Simplified Highway Capacity Calculation Method for the Highway Performance Monitoring System", U.S. Department of Transportation, Federal Highway Administration, October 2017. Assuming W. Little York Road with a % Green Time of 55% due to traffic lights and dividing capacities by 2 for one-way vehicles per day capacities.



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*Legacy Green Keough Recycling Center***

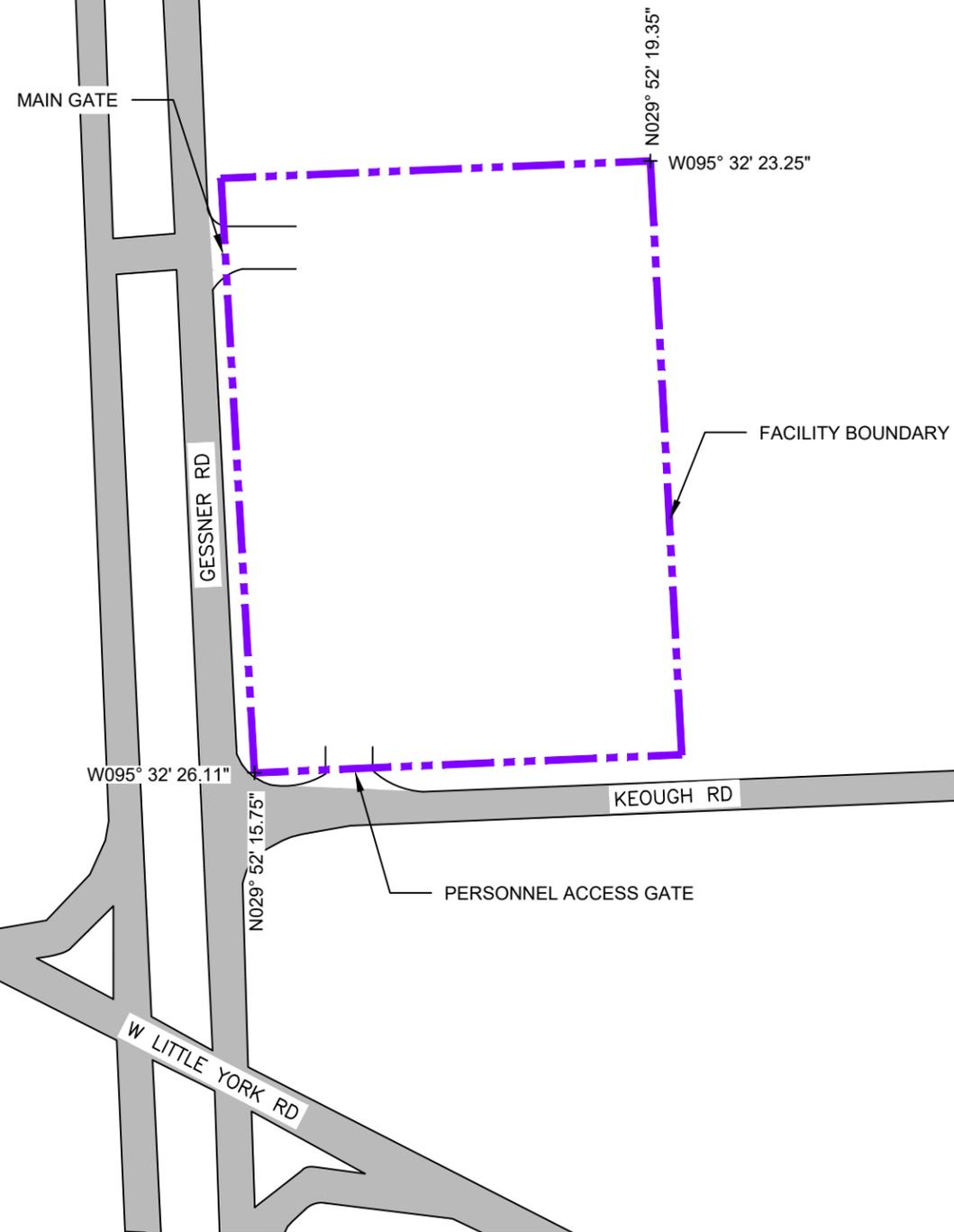
ATTACHMENT 2 - FIGURES

- II-4 Detail of Facility Access Routes
- II-5 Major Access Roadway within 1 Mile of the Facility
- II-6 Traffic Volume Map
- II-6A Gessner Rd One-Way AADTs
- II-6B W Little York Rd One-Way AADTs
- II-15 Site Development Plan – Proposed Site Layout

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-  FACILITY BOUNDARY
-  ROADS
-  ASPHALT



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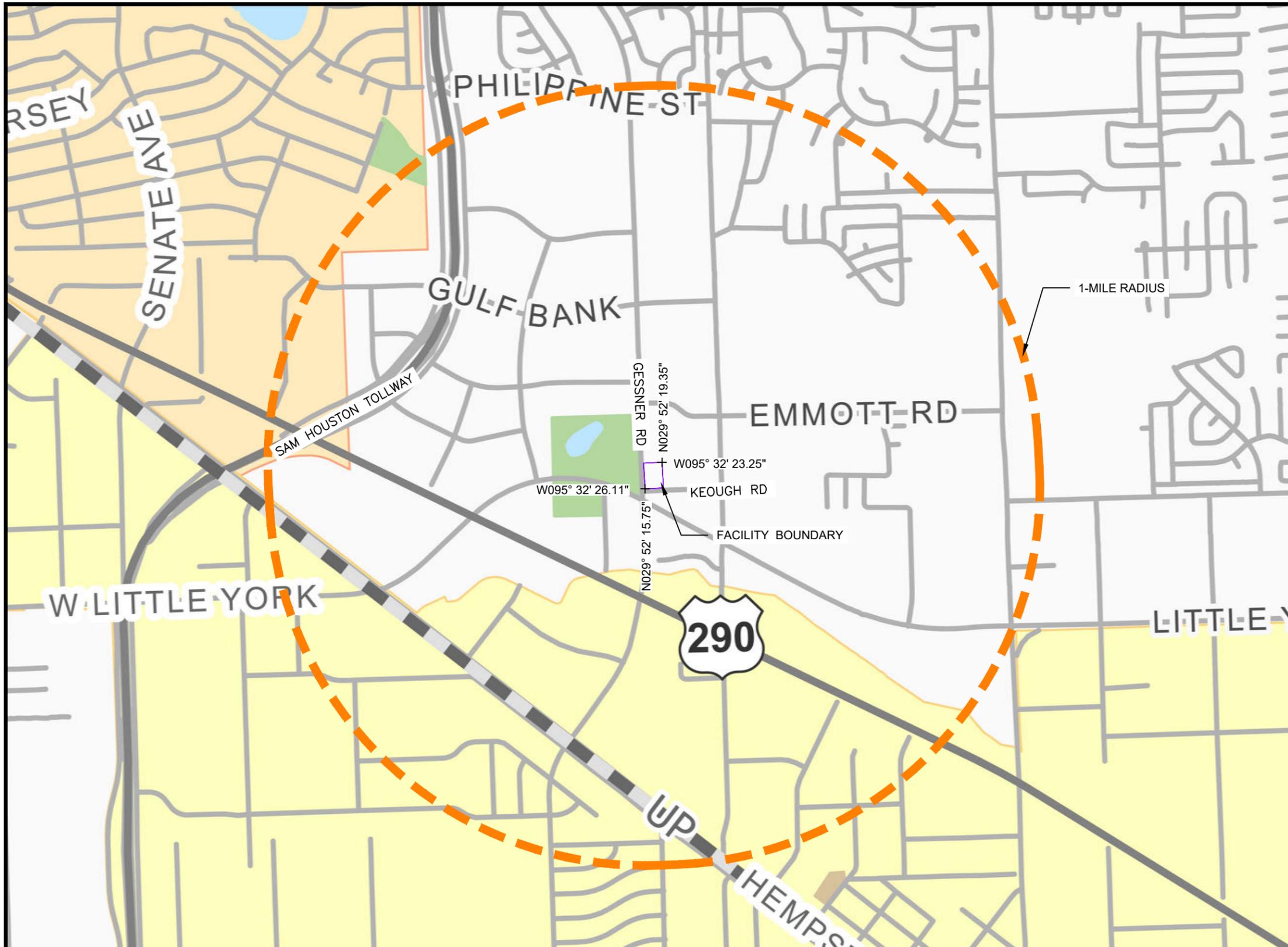
REFERENCE(S)

1. BASE MAP TAKEN FROM TEXAS DEPARTMENT OF TRANSPORTATION, COUNTY MAP BOOK 2018, PAGE 1750: DELIVERED IN PDF [HTTPS://WWW.DOT.STATE.TX.US](https://www.dot.state.tx.us).



Title: DETAIL OF FACILITY ACCESS ROUTES LEGACY GREEN KEOUGH RECYCLING CENTER HOUSTON, TEXAS			
Prepared for: LEGACY GREEN			
	Compiled by: GRH	Date: 11/2025	FIGURE II-4
	Prepared by: FJJ	Scale: AS SHOWN	
	Project Mgr: ATN	Project: 5089.0001H000	
	File: LEGACY GREEN-KEOUGH RECYCLING CENTER-FIGURE II-4 DETAIL OF FACILITY ACCESS ROUTES.DWG		

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LEGEND

- FACILITY BOUNDARY
- FACILITY BOUNDARY OFFSET RADIUS
- ROADS
- ASPHALT

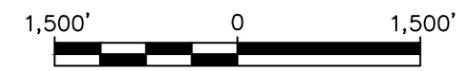
SURFACE TYPES

GESSENER RD	ASPHALTIC CONCRETE PAVEMENT
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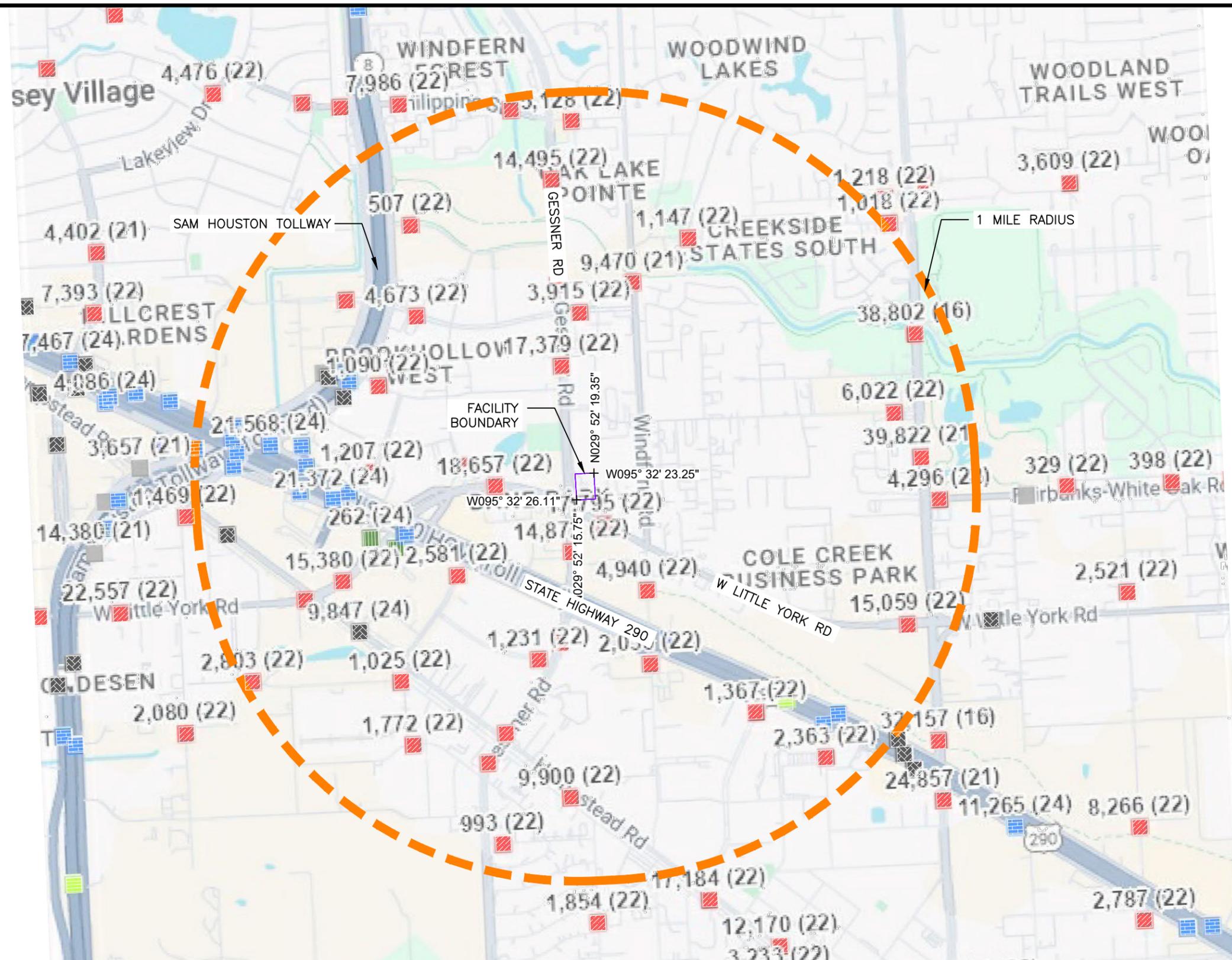
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- REFERENCE(S)**
- BASE MAP TAKEN FROM TEXAS DEPARTMENT OF TRANSPORTATION, COUNTY MAP BOOK 2018, PAGE 1750: DELIVERED IN PDF [HTTPS://WWW.DOT.STATE.TX.US](https://www.dot.state.tx.us).



<p>Title: MAJOR ACCESS ROADWAYS WITHIN 1 MILE OF THE FACILITY LEGACY GREEN KEOUGH RECYLCING CENTER HOUSTON, TEXAS</p>			
<p>Prepared for: LEGACY GREEN LLC</p>			
	Compiled by: GRH	Date: 11/2025	<p>FIGURE II-5</p>
	Prepared by: FJJ	Scale: AS SHOWN	
	Project Mgr: ATN	Project: 5089.0001H000	
	<p>File: LEGACY GREEN KEOUGH RECYLCING CENTER PART II-5 MAJOR ACCESS ROADWAYS WITHIN 1 MILE OF THE FACILITY.DWG</p>		

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LEGEND

- FACILITY BOUNDARY
- FACILITY BOUNDARY OFFSET RADIUS
- 14,872 (22) TWO-WAY ANNUAL AVERAGE DAILY TRAFFIC AND YEAR

TCDS Locations

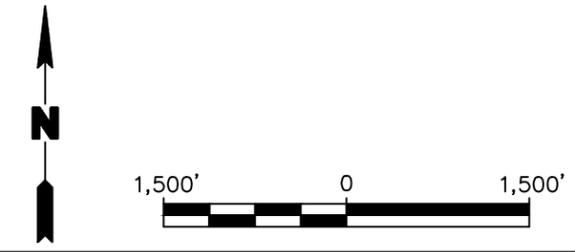
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- HOV, NON-TFP
- MVC
- Ramp
- Urban ACR

SURFACE TYPES

GESSNER RD	ASPHALTIC CONCRETE PAVEMENT
------------	-----------------------------

REFERENCE(S)

- BASE MAP DEVELOPED BY TEXAS DEPARTMENT OF TRANSPORTATION (TXDOT) MS2 TRAFFIC COUNT DATABASE SYSTEM (TCDS) ACCESSED DECEMBER 2025.
[HTTP://WWW.DOT.STATE.TX.US/APPS/STATEWIDE_MAPPING/STATEWIDEPLANNINGMAP...](http://www.dot.state.tx.us/apps/statewide_mapping/statewideplanningmap)

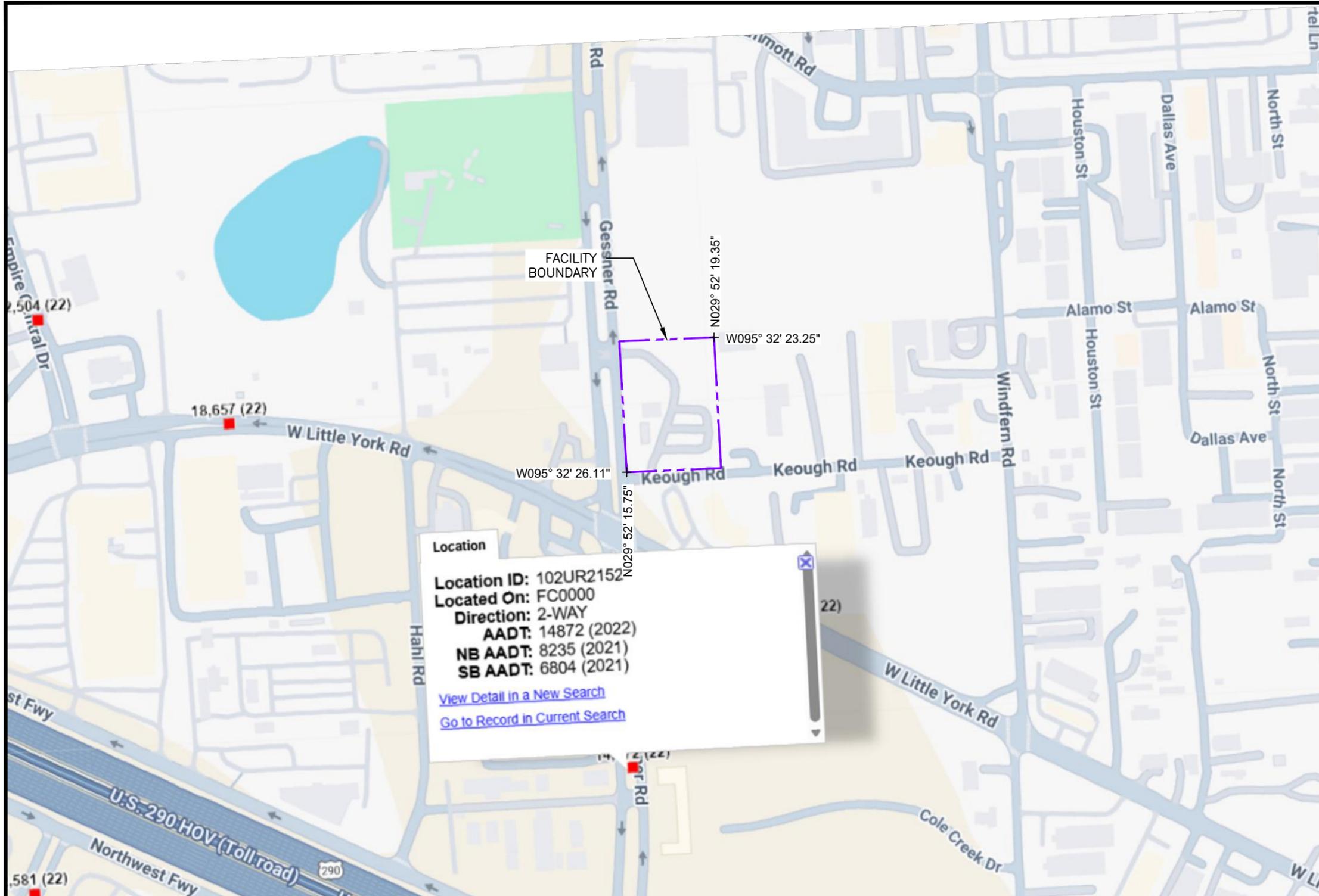


INTENDED FOR PERMITTING PURPOSES ONLY
 01/26/26

ISSUED FOR PERMITTING

Title: TRAFFIC VOLUME MAP LEGACY GREEN KEOUGH RECYCLING CENTER HOUSTON, TEXAS		
Prepared for: LEGACY GREEN LLC		
	Compiled by: GRH Date: 11/2025 Prepared by: FJJ Scale: AS SHOWN Project Mgr: ATN Project: 5089.0001H000	FIGURE II-6
File: LEGACY GREEN-KEOUGH RECYCLING CENTER-FIGURE II-6 TRAFFIC VOLUME MAP.DWG		

S:\CLIENTS\PROJECTS\LEGACY GREEN\TRANSFER STATION\CADD\PART III\LEGACY GREEN-KEOUGH RECYCLING CENTER-FIGURE II-6A GESSNER RD ONE-WAY AADTS.DWG



LEGEND

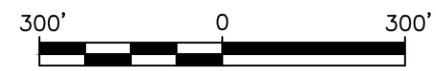
	FACILITY BOUNDARY
NB AADT	NORTHERN BOUND ANNUAL AVERAGE DAILY TRAFFIC
SB AADT	SOUTHERN BOUND ANNUAL AVERAGE DAILY TRAFFIC

STATE OF TEXAS
 GARY RUSSELL HORWITZ
 48495
 INTENDED FOR PERMITTING PURPOSES ONLY
 01/26/26

ISSUED FOR PERMITTING

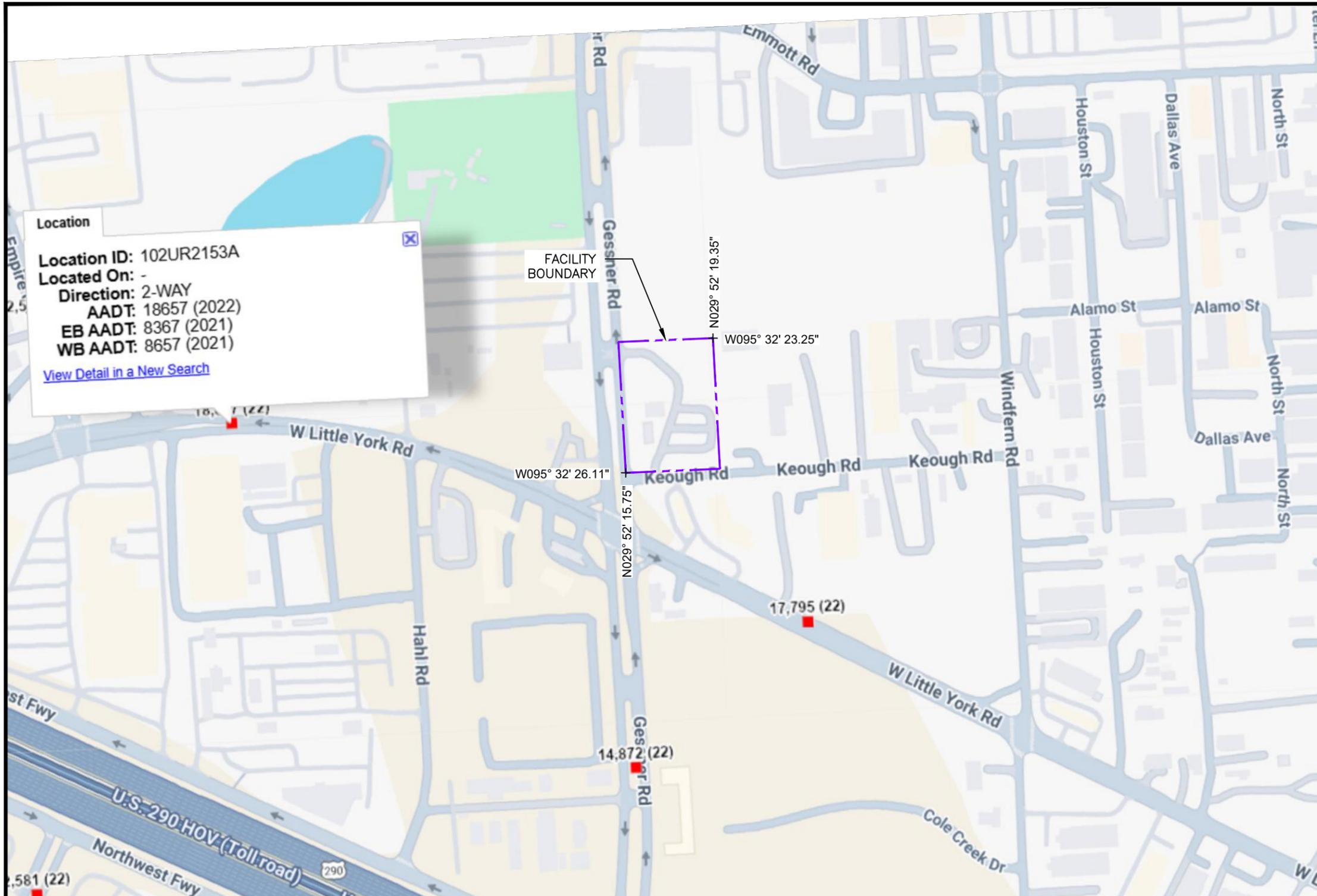
REFERENCE(S)

- BASE MAP DEVELOPED BY TEXAS DEPARTMENT OF TRANSPORTATION (TXDOT) MS2 TRAFFIC COUNT DATABASE SYSTEM (TCDS) ACCESSED DECEMBER 2025.
[HTTP://WWW.DOT.STATE.TX.US/APPS/STATEWIDE_MAPPING/STATEWIDEPLANNINGMAP](http://www.dot.state.tx.us/apps/statewide_mapping/statewideplanningmap) . .



Title: GESSNER RD ONE-WAY AADTS LEGACY GREEN KEOUGH RECYCLING CENTER HOUSTON, TEXAS			
Prepared for: LEGACY GREEN LLC			
	Compiled by: GRH	Date: 11/2025	FIGURE II-6A
	Prepared by: FJJ	Scale: AS SHOWN	
	Project Mgr: ATN	Project: 5089.0001H000	
	File: LEGACY GREEN-KEOUGH RECYCLING CENTER-FIGURE II-6A GESSNER RD ONE-WAY AADTS.DWG		

S:\CLIENTS\PROJECTS\LEGACY GREEN\TRANSFER STATION\CADD\PART III\LEGACY GREEN-KEOUGH RECYCLING CENTER-FIGURE II-6A GESSNER RD ONE-WAY AADTS.DWG



Location

Location ID: 102UR2153A

Located On: -

Direction: 2-WAY

AADT: 18657 (2022)

EB AADT: 8367 (2021)

WB AADT: 8657 (2021)

[View Detail in a New Search](#)

LEGEND

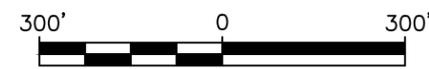
	FACILITY BOUNDARY
EB AADT	EASTERN BOUND ANNUAL AVERAGE DAILY TRAFFIC
WB AADT	WESTERN BOUND ANNUAL AVERAGE DAILY TRAFFIC

STATE OF TEXAS
 GARY RUSSELL HORWITZ
 48495
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 01/26/26

ISSUED FOR PERMITTING

REFERENCE(S)

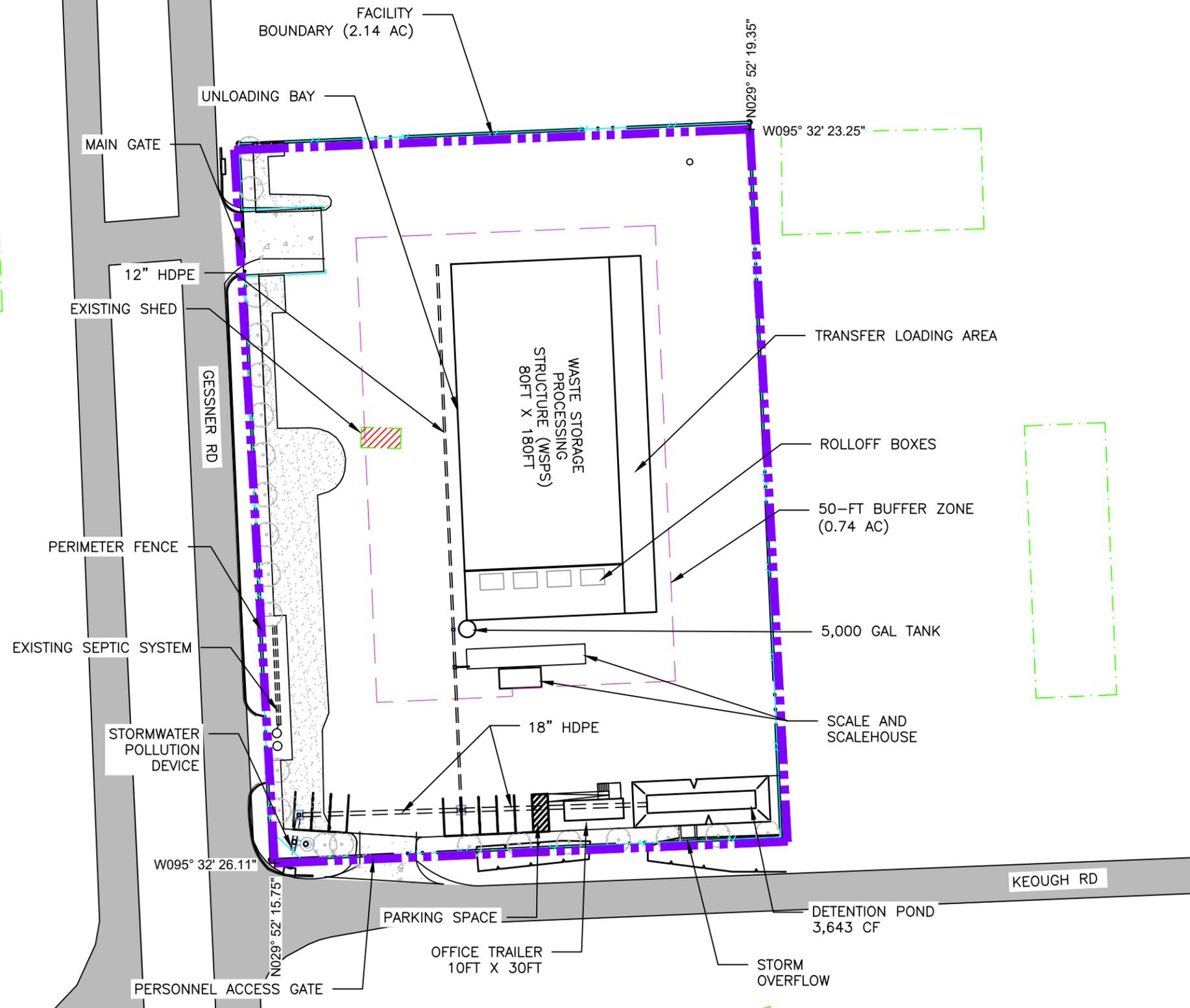
- BASE MAP DEVELOPED BY TEXAS DEPARTMENT OF TRANSPORTATION (TXDOT) MS2 TRAFFIC COUNT DATABASE SYSTEM (TCDS) ACCESSED DECEMBER 2025.
[HTTP://WWW.DOT.STATE.TX.US/APPS/STATEWIDE_MAPPING/STATEWIDEPLANNINGMAP](http://www.dot.state.tx.us/apps/statewide_mapping/statewideplanningmap) . .



Title: W LITTLE YORK RD ONE-WAY AADTs LEGACY GREEN KEOUGH RECYCLING CENTER HOUSTON, TEXAS		
Prepared for: LEGACY GREEN LLC		
	Compiled by: GRH	Date: 11/2025
	Prepared by: FJJ	Scale: AS SHOWN
	Project Mgr: ATN	Project: 5089.0001H000
	File: LEGACY GREEN-KEOUGH RECYCLING CENTER-FIGURE II-6A GESSNER RD ONE-WAY AADTS.DWG	

FIGURE
II-6B

S:\CLIENTS\PROJECTS\LEGACY GREEN\TRANSFER STATION\CADD\PART III\LEGACY GREEN-KEOUGH RECYCLING CENTER-FIGURE II-15 SITE DEVELOPMENT PLAN - PROPOSED SITE LAYOUT.DWG



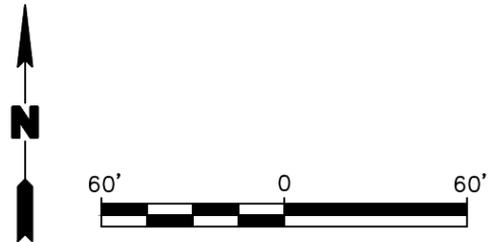
LEGEND

- FACILITY BOUNDARY
- PERIMETER FENCE
- EXISTING STRUCTURES
- EXISTING STRUCTURES TO BE REMOVED
- PROPOSED STRUCTURES
- EXISTING ROADSIDE DITCH
- 50-FT BUFFER ZONE
- HDPE PIPE
- LANDSCAPE BUFFER ZONE
- GRAVEL AREA

STATE OF TEXAS
 GARY RUSSELL HORWITZ
 48495
 INTENDED FOR PERMITTING PURPOSES ONLY 01/26/26

ISSUED FOR PERMITTING

Title: SITE DEVELOPMENT PLAN - PROPOSED SITE LAYOUT LEGACY GREEN KEOUGH RECYCLING CENTER HOUSTON, TEXAS		
Prepared for: LEGACY GREEN		
	Compiled by: GRH	Date: 11/2025
	Prepared by: FJJ	Scale: AS SHOWN
	Project Mgr: ATN	Project: 5089.0001H000
	File: LEGACY GREEN-KEOUGH RECYCLING CENTER-FIGURE II-15 SITE DEVELOPMENT PLAN - PROPOSED SITE LAYOUT.DWG	



Type V Transfer Station Registration Application, Part II
Legacy Green Keough Transfer Station

ATTACHMENT IIB-2

Attachment IIB-2
Federal Aviation Administration

January 26, 2026

Mr. Doug Lane
Regional Administrator
Federal Aviation Administration
Southwest Region Headquarters, ASW-9
10101 Hillwood Pkwy.
Fort Worth, TX 76177
Main Phone: (817) 222-5001

Re: Airport Safety Certification
Legacy Green Keough Transfer Station
Type V Municipal Solid Waste
Registration Application
Legacy Green LLC
Harris County, Texas

Dear Mr. Lane:

Roux Associates, Inc. ("Roux"), on behalf of Legacy Green LLC, is preparing a Registration Application ("RA") for the Legacy Green Keough Recycling Center ("Facility") Type V Municipal Solid Waste (MSW) for submittal to the Texas Commission on Environmental Quality (TCEQ) Permits Section, Waste Permits Division.

The Facility is located within the extraterritorial jurisdiction of the City of Houston, Harris County, Texas. The Facility is located at 9420 Keough Road, Houston, Texas. The site location is shown on **Figures I-1 and I-2**. Additionally, an aerial photograph showing the site is provided as **Figure I-3**, and the general topographic map is included as **Figure I-4A**. A Site Topographic Survey Map is presented on **Figure I-4B**.

Figure II-10 is the Federal Aviation Administration (FAA) map that shows that there are no airports within six miles of the Facility. **Attachment 1** is a project summary and site location maps.

In order to comply with the current Texas Administrative Code 30 TAC §330.61(i)(5), we are submitting documentation of coordination with the FAA concerning airport location restriction with respect to the facility and notification of airports within 6 miles of a small airport or within 5 miles of a large commercial airport. We are requesting a letter from FAA indicating that the proposed Facility is not in the vicinity of any airport and will not adversely affect airport safety.

If further information or documentation is required, please call the undersigned at (281) 397-3805 or via email at [REDACTED]

Sincerely,

ROUX ASSOCIATES, INC.



Annie Nguyen, P.E. (TX 140335)
Senior Engineer I



Gary Horwitch, P.E. (TX 48456)
Technical Director

Attachments: Attachment 1 – Project Summary and Site Location Maps

**Type V Transfer Station Registration Application,
Attachment IIB-2,
Federal Aviation Administration
*Legacy Green Keough Recycling Center***

ATTACHMENT 1

Attachment 1
Project Summary

1. Introduction

Legacy Green LLC is preparing a Registration Application (RA) to be submitted to the Texas Commission on Environmental Quality (TCEQ) Waste Permits Division for an operation of the Legacy Green Keough Recycling Center (“Facility” or “Site”), a Type V Transfer Station. The Facility is located within the extraterritorial jurisdiction of the City of Houston, Texas.

The proposed Legacy Green Keough Recycling Center will operate within a covered pre-engineered metal building where waste will be sorted for recyclable and reusable materials. The remaining unusable and non-recyclable materials will be loaded for disposal at an approved off-site TCEQ-permitted solid waste landfill within 50 miles of the Facility. Recyclables will be temporarily stockpiled inside the building pending shipment to recyclers. The Facility will accept waste from Harris County and the counties included in the Houston-Galveston Area Council (H-GAC).

2. Facility Location

The proposed Legacy Green Keough Recycling Center will be a Type V Transfer Station occupying the entire 2.14-acre tract owned by LMA Exchange #2, LLC. The Facility is located within the extraterritorial jurisdiction of the City of Houston, at 9420 Keough Rd. The Legacy Green Keough Recycling Center public access entrance will be off of Gessner Rd. Access via Keough Rd will be restricted exclusively to staff and visitor vehicles.

The site location is shown on **Figures I-1 and I-2**. Additionally, an aerial photograph showing the site is provided as **Figure I-3**, and the general topographic map is included as **Figure I-4**. A Site Topographic Survey Map is presented on **Figure I-4B**.

The Facility is located on a property owned by LMA Exchange #2, LLC and operated by Legacy Green LLC. The mailing and physical address for the Facility is:

Legacy Green LLC
9420 Keough Road
Houston, Texas 77040

The geographic coordinates of the facility are:

Latitude (degrees, minutes seconds): 29° 52' 17.4"N
Longitude (degrees, minutes seconds): 95° 32' 24.72"W

3. Design Summary

The following information presents a summary of the design and operations for Legacy Green Keough Recycling Center:

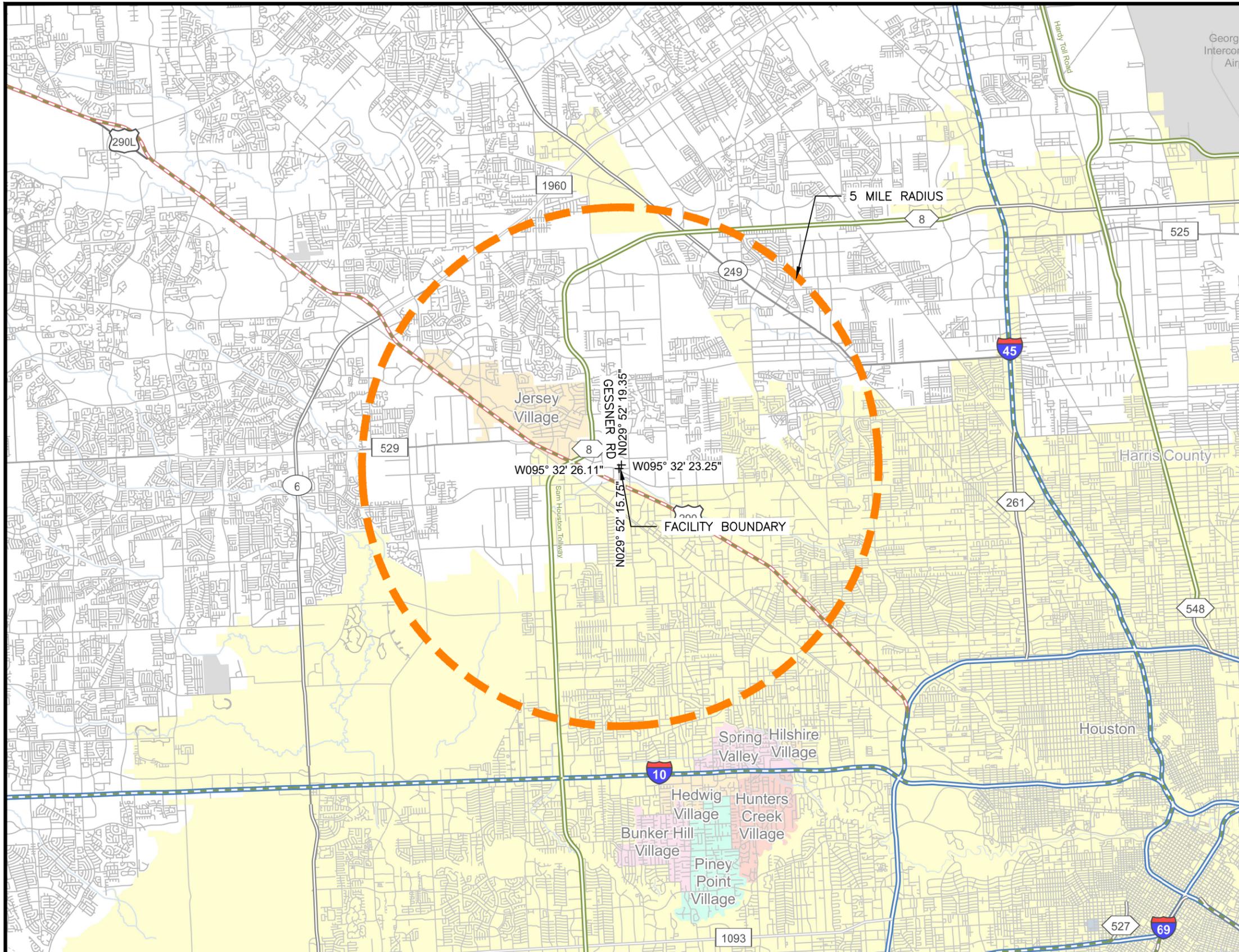
- The Facility will receive non-putrescible solid waste and source-separated recyclable materials, including construction and demolition debris and rubbish from municipal and commercial activities.
- The proposed maximum transfer capacity of the facility is 1,150 tons per day.
- The Facility will recover a minimum of 10% or more by weight of the incoming waste stream.
- The Facility will be open for waste acceptance 24 hours per day, 7 days per week.
- The Facility can be accessed by incoming and outgoing waste vehicles through the public access entrance will be off of Gessner Rd.
- Access via Keough Rd shall be restricted exclusively to staff and visitor vehicles.
- Incoming loads will be weighed and directed to the covered transfer station building / Waste Storage Processing Structure (WSPS). The non-putrescible solid waste will be manually sorted for recyclable and reusable materials. The Operator may choose to install an elevated picking line within the WSPS.
- The unusable/non-recyclable material will be loaded for disposal at an approved off-site TCEQ permitted solid waste landfill within 50 miles of the Facility. The recyclables will be temporarily stockpiled pending shipping to recyclers. No waste sorting or disposal operation will occur outside of the WSPS.
- Once approved by the TCEQ, the facility will be operated in accordance with the TCEQ-approved site operating plan. This plan includes procedures that govern day-to-day operations of the facility as well as routine inspections and housekeeping to ensure compliance with the TCEQ regulations. As part of the operations, litter, dust, and odor control measures and procedures will be implemented.
- Properly trained personnel will operate the Legacy Green Keough Recycling Center to effectively serve the community. A detailed Site Operating Plan (SOP) will be included in the RA. The SOP will detail the required equipment, personnel, and safety procedures required to operate the site in accordance with TCEQ regulations.

**Type V Transfer Station Registration Application,
Attachment IIB-2,
Federal Aviation Administration
*Legacy Green Keough Recycling Center***

ATTACHMENT 1 - FIGURES

- I-1 General Location Map
- I-2 Site Location Map
- I-3 2024 Aerial Photograph
- I-4A General Topographic Map
- I-4B Site Topographic Survey Map
- II-10 Nearby Airport Locations Map

S:\CLIENTS\PROJECTS\LEGACY GREEN\TRANSFER STATION\CADD\PART I\LEGACY GREEN\KEOUGH RECYCLING CENTER-FIGURE I-1-GENERAL LOCATION MAP.DWG



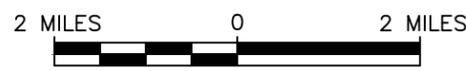
LEGEND

- FACILITY BOUNDARY
- FACILITY BOUNDARY OFFSET RADIUS

ISSUED FOR PERMITTING

Title: GENERAL LOCATION MAP LEGACY GREEN KEOUGH RECYCLING CENTER HOUSTON, TEXAS			
Prepared for: LEGACY GREEN LLC			
	Compiled by: GRH	Date: 10/2025	FIGURE I-1
	Prepared by: FJJ	Scale: AS SHOWN	
	Project Mgr: ATN	Project: 5089.0001H000	
	File: LEGACY GREEN KEOUGH RECYCLING CENTER-FIGURE I-1-GENERAL LOCATION MAP.DWG		

- REFERENCE(S)**
- BASE MAP TAKEN FROM TEXAS DEPARTMENT OF TRANSPORTATION, GREATER HOUSTON, DECEMBER 6, 2024; DELIVERED IN PDF [HTTPS://WWW.DOT.STATE.TX.US](https://www.dot.state.tx.us).



S:\CLIENTS\PROJECTS\LEGACY GREEN\TRANSFER STATION\CADD\PART I\LEGACY GREEN\KEOUGH RECYCLING CENTER-FIGURE I-2-SITE LOCATION MAP.DWG



LEGEND

- FACILITY BOUNDARY
- FACILITY BOUNDARY OFFSET RADIUS



ISSUED FOR PERMITTING

Title: SITE LOCATION MAP LEGACY GREEN KEOUGH RECYCLING CENTER HOUSTON, TEXAS		
Prepared for: LEGACY GREEN LLC		
	Compiled by: GRH	Date: 10/2025
	Prepared by: FJJ	Scale: AS SHOWN
	Project Mgr: ATN	Project: 5089.0001H000
	File: LEGACY GREEN KEOUGH RECYCLING CENTER-FIGURE I-2-SITE LOCATION MAP.DWG	

- REFERENCE(S)**
- BASE MAP TAKEN FROM TEXAS DEPARTMENT OF TRANSPORTATION, COUNTY MAPBOOK 2018, PAGE 1750; DELIVERED IN PDF [HTTPS://WWW.DOT.STATE.TX.US](https://www.dot.state.tx.us).

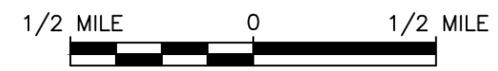
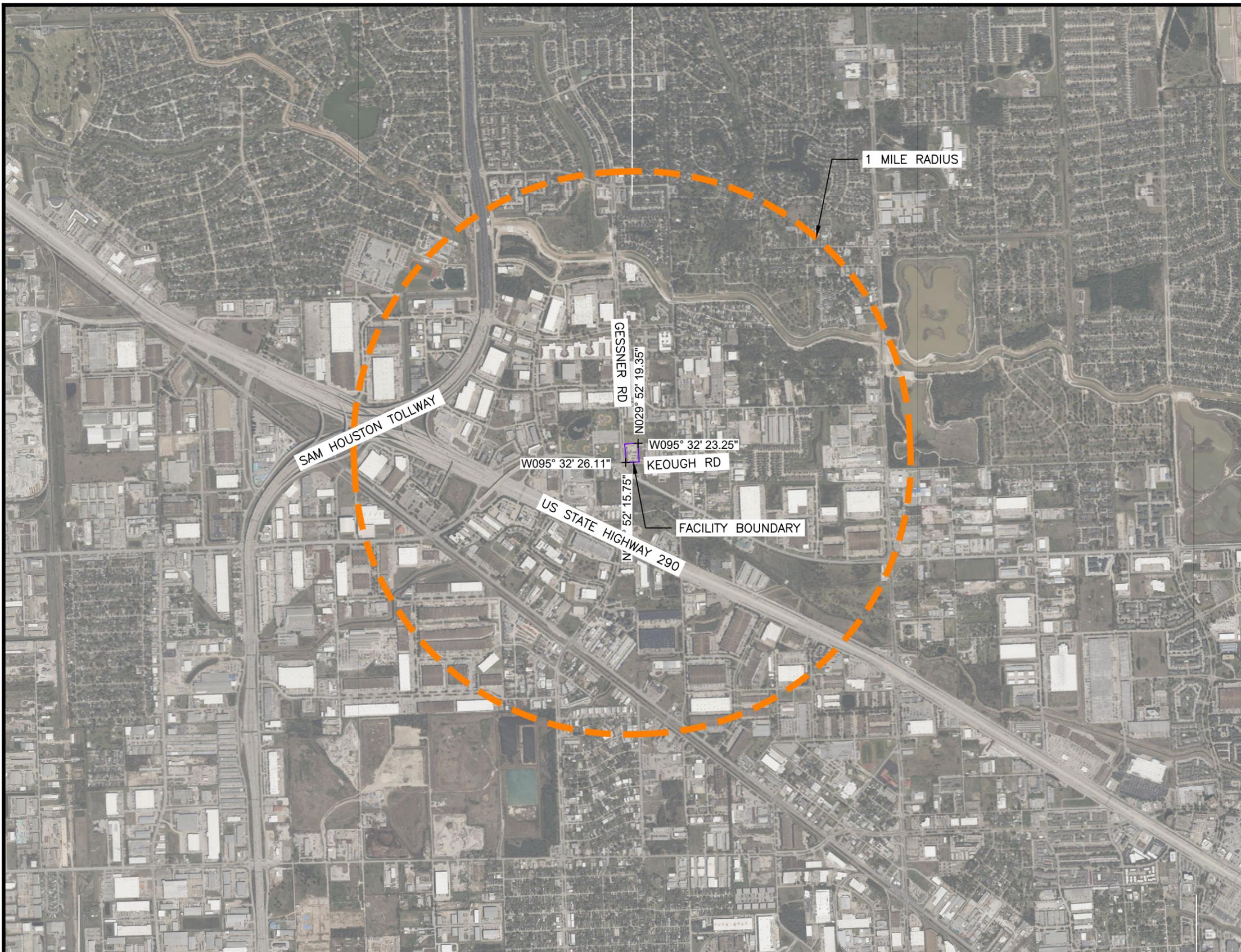


FIGURE
I-2

S:\CLIENTS\PROJECTS\LEGACY GREEN\TRANSFER STATION\CADD\PART I\LEGACY GREEN-KEOUGH RECYCLING CENTER-FIGURE I-3-2025 AERIAL PHOTOGRAPH.DWG



LEGEND
--- FACILITY BOUNDARY
--- FACILITY BOUNDARY OFFSET RADIUS

STATE OF TEXAS
GARY RUSSELL HORWITZ
48495
INTENDED FOR PERMITTING PURPOSES ONLY
01/26/26



ISSUED FOR PERMITTING

Title: 2025 AERIAL PHOTOGRAPH LEGACY GREEN KEOUGH RECYCLING CENTER HOUSTON, TEXAS		
Prepared for: LEGACY GREEN LLC		
	Compiled by: GRH	Date: 10/2025
	Prepared by: FJJ	Scale: AS SHOWN
	Project Mgr: ATN	Project: 5089.0001H000
	File: LEGACY GREEN-KEOUGH RECYCLING CENTER-FIGURE I-3-2025 AERIAL PHOTOGRAPH.DWG	

REFERENCE(S)

1. BASE MAP TAKEN FROM © MICROSOFT CORPORATION © 2025 MAXAR CNES (2025) DISTRIBUTION AIRBUS DS © 2025 MICROSOFT BING.COM, ACCESSED OCTOBER 2025.

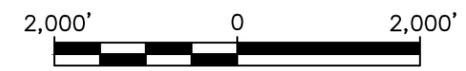


FIGURE
I-3

S:\CLIENTS\PROJECTS\LEGACY GREEN\TRANSFER STATION\CADD\PART I\LEGACY GREEN-KEOUGH RECYCLING CENTER-FIGURE I-4B-SITE TOPOGRAPHIC SURVEY MAP.DWG



LEGEND

- - - FACILITY BOUNDARY
- MAJOR CONTOUR LINE
- MINOR CONTOUR LINE
- 95 ELEVATION

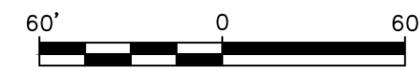
STATE OF TEXAS
 GARY RUSSELL HORWITZ
 48495
[Signature]
 INTENDED FOR PERMITTING PURPOSES ONLY
 01/26/26



ISSUED FOR PERMITTING

REFERENCE(S)

1. BASE MAP TAKEN FROM © MICROSOFT CORPORATION © 2025 MAXAR CNES (2025) DISTRIBUTION AIRBUS DS © 2025 MICROSOFT BING.COM, ACCESSED OCTOBER 2025.
2. TOPOGRAPHY GENERATED FROM SITE SURVEY CONDUCTED ON SEPTEMBER 5, 2025 BY RODS, INC.



Title: SITE TOPOGRAPHIC SURVEY MAP LEGACY GREEN KEOUGH RECYCLING CENTER HOUSTON, TEXAS			
Prepared for: LEGACY GREEN LLC			
	Compiled by: GRH	Date: 11/2025	FIGURE I-4B
	Prepared by: FJJ	Scale: AS SHOWN	
	Project Mgr: ATN	Project: 5089.0001H000	
	File: LEGACY GREEN-KEOUGH RECYCLING CENTER-FIGURE I-4B-SITE TOPOGRAPHIC SURVEY MAP.DWG		

Type V Transfer Station Registration Application, Part II
Legacy Green Keough Transfer Station

ATTACHMENT IIB-3

Attachment IIB-3
United States Army Corps of Engineers



U.S. Army Corps of Engineers (USACE) Fort Worth District

Preliminary Data Entry Sheet

1. Project Name: Legacy Green Keough Recycling Center

2. Project Description / Purpose:
Legacy Green Keough Recycling Center ("Facility") will be operated as a Type V Transfer Station, receiving non-putrescible solid waste, including construction and demolition debris and rubbish from municipal and commercial activities. The Facility will recover a minimum of 10% or more by weight of the incoming waste stream. The processing will occur on a covered constructed Waste Storage Processing Structure (WSPS).

3. Applicant / Property Owner Contact Information:
(POC, mailing address, phone number, & email) Austin Fatjo
9420 Keough Rd, Houston, TX 77040
(713) 882-8850, [REDACTED]

4. Agent / Consultant [or ORM Consultant ID Number]: (N/A if none)
Roux Associates, Inc.

5. Requested Action: Preliminary Jurisdictional Determination Has work begun? Yes No

6. Project Location – Coordinates, Street Address, and/or Location Description:
Latitude: 29° 52' 17.4"N, Longitude: 95° 32' 24.72"W
Physical address: 9420 Keough Rd, Houston, Texas 77040

7. Does the project cross multiple districts? Yes No Unknown

8. Is there any listed ESA or Critical Habitat present?: No, there is no listed ESA or Critical Habitat present.

9. Are there any cultural resources within the project area?: No, there are no cultural resources within the project area.

FOR USACE INTERNAL USE ONLY

Authorization: Section 10 Section 404 Project No.: SWF-[REDACTED]

Fed. Project (Sec. 408): Yes No Unknown Begin Date (Date Received): [REDACTED]

Lead District? Yes No Unknown Single & Complete: Yes No NAI

Lead Federal Agency: [REDACTED] ESA: [REDACTED]

[REDACTED] Sec. 106: [REDACTED]

[REDACTED]

Reviewer: Choose Name Recommended Action: [REDACTED] Assign to: [REDACTED]

[REDACTED]

Reviewer: Choose Name Recommended Action: [REDACTED] Assign to: [REDACTED]

January 26, 2026

Mr. Nicholas Laskowski
Chief, Regulatory Division
U.S. Army Corps of Engineers (USACE)
Galveston District
2000 Fort Point Road
Galveston, TX 77550

Re: Section 404 Jurisdictional Determination
Legacy Green Keough Recycling Center
Type V Municipal Solid Waste
Registration Application
Legacy Green LLC
Harris County, Texas

Dear Mr. Laskowski:

Roux Associates, Inc. ("Roux"), on behalf of Legacy Green LLC, is preparing a Registration Application ("RA") for the Legacy Green Keough Recycling Center ("Facility") Type V Municipal Solid Waste (MSW) for submittal to the Texas Commission on Environmental Quality (TCEQ) Permits Section, Waste Permits Division.

The Facility is located within the extraterritorial jurisdiction of the City of Houston, Harris County, Texas. The Facility is located at 9420 Keough Road, Houston, Texas. The site location is shown on **Figures I-1 and I-2**. Additionally, an aerial photograph showing the site is provided as **Figure I-3**, and the general topographic map is included as **Figure I-4A**. A Site Topographic Survey Map is presented on **Figure I-4B**. The Soils Map is provided as **Figure II-11**. **Figures II-13** displays the FEMA Flood Insurance Rate Map.

Attachment 1 is a project summary and site location maps. As a result of research and site inspection, the following observations were made.

- 1) The Facility is not located within the Federal Emergency Management Agency (FEMA) 100-year floodplain.
- 2) No potential wetlands were indicated, and it was concluded that the absence of wetlands is likely due to the long-term development and use of the site.

In order to comply with the current Texas Administrative Code 30 TAC §330.61(m)(2), we are requesting a letter from USACE indicating that the proposed Facility is in compliance with the restrictions placed on wetlands development. By submission of this letter, we are officially demonstrating coordination with USACE as required by the TAC.

If further information or documentation is required, please call the undersigned at (281) 397-3805 or via email at [REDACTED]

January 26, 2026
Page 2

Sincerely,

ROUX ASSOCIATES, INC.



Annie Nguyen, P.E. (TX 140335)
Senior Engineer I



Gary Horwitch, P.E. (TX 48456)
Technical Director

Attachments: Attachment 1 – Project Summary and Site Location Maps

**Type V Transfer Station Registration Application,
Attachment IIB-3,
United States Army Corps of Engineers
*Legacy Green Keough Recycling Center***

ATTACHMENT 1

Attachment 1
Project Summary

1. Introduction

Legacy Green LLC is preparing a Registration Application (RA) to be submitted to the Texas Commission on Environmental Quality (TCEQ) Waste Permits Division for an operation of the Legacy Green Keough Recycling Center (“Facility” or “Site”), a Type V Transfer Station. The Facility is located within the extraterritorial jurisdiction of the City of Houston, Texas.

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Legacy Green LLC
9420 Keough Road
Houston, Texas 77040

The geographic coordinates of the facility are:

Latitude (degrees, minutes seconds): 29° 52' 17.4"N
Longitude (degrees, minutes seconds): 95° 32' 24.72"W

3. Design Summary

The following information presents a summary of the design and operations for Legacy Green Keough Recycling Center:

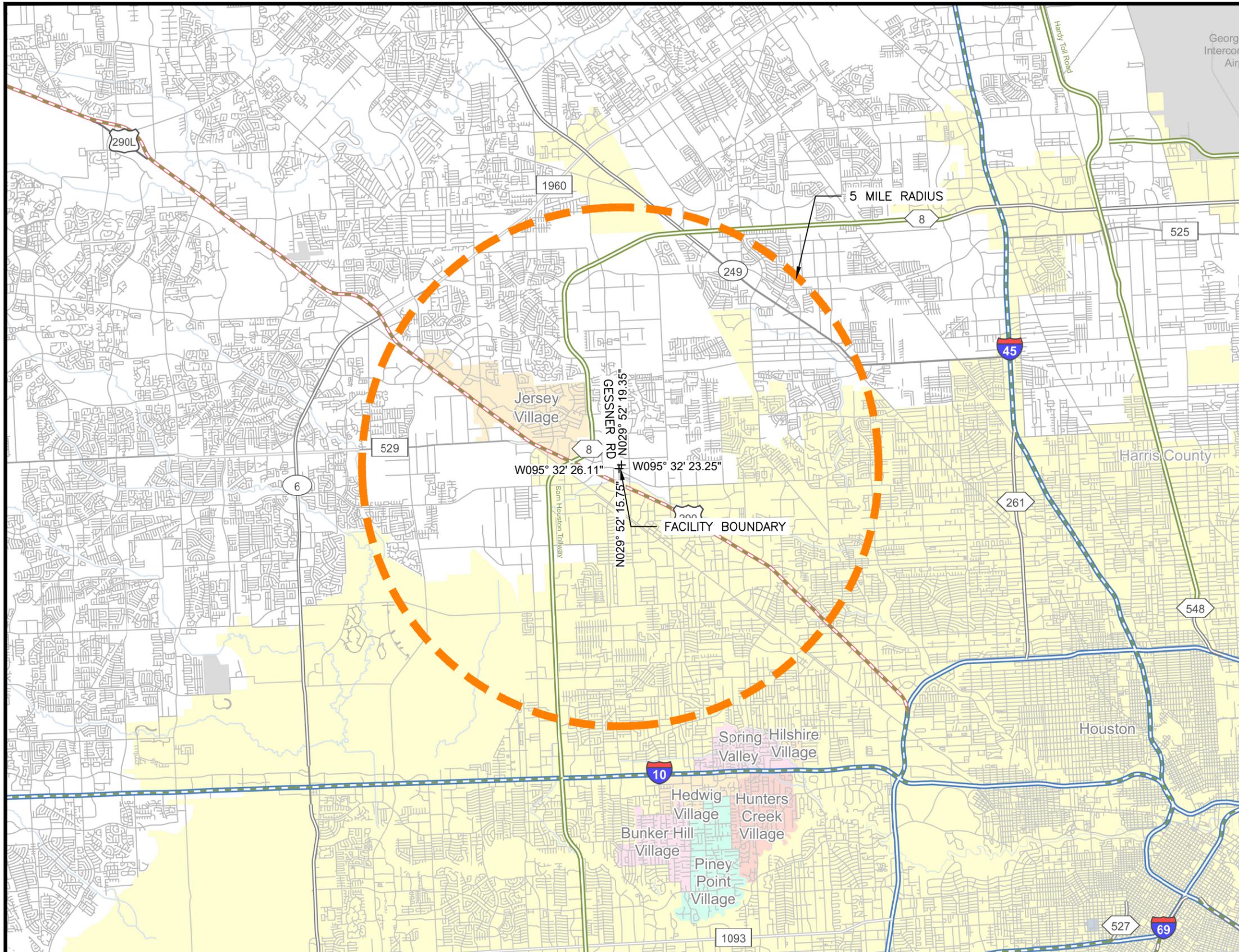
- The Facility will receive non-putrescible solid waste and source-separated recyclable materials, including construction and demolition debris and rubbish from municipal and commercial activities.
- The proposed maximum transfer capacity of the facility is 1,150 tons per day.
- The Facility will recover a minimum of 10% or more by weight of the incoming waste stream.
- The Facility will be open for waste acceptance 24 hours per day, 7 days per week.
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- Once approved by the TCEQ, the facility will be operated in accordance with the TCEQ-approved site operating plan. This plan includes procedures that govern day-to-day operations of the facility as well as routine inspections and housekeeping to ensure compliance with the TCEQ regulations. As part of the operations, litter, dust, and odor control measures and procedures will be implemented.
- Properly trained personnel will operate the Legacy Green Keough Recycling Center to effectively serve the community. A detailed Site Operating Plan (SOP) will be included in the RA. The SOP will detail the required equipment, personnel, and safety procedures required to operate the site in accordance with TCEQ regulations.

**Type V Transfer Station Registration Application,
Attachment IIB-3,
United States Army Corps of Engineers
*Legacy Green Keough Recycling Center***

ATTACHMENT 1 - FIGURES

- I-1 General Location Map
- I-2 Site Location Map
- I-3 2024 Aerial Photograph
- I-4A General Topographic Map
- I-4B Site Topographic Survey Map
- II-11 NRCS Soil Survey Map
- II-13 FEMA Flood Insurance Rate Map

S:\CLIENTS\PROJECTS\LEGACY GREEN\TRANSFER STATION\CADD\PART I\LEGACY GREEN\KEOUGH RECYCLING CENTER-FIGURE I-1-GENERAL LOCATION MAP.DWG



LEGEND

- FACILITY BOUNDARY
- FACILITY BOUNDARY OFFSET RADIUS

ISSUED FOR PERMITTING

Title: GENERAL LOCATION MAP LEGACY GREEN KEOUGH RECYCLING CENTER HOUSTON, TEXAS		
Prepared for: LEGACY GREEN LLC		
	Compiled by: GRH	Date: 10/2025
	Prepared by: FJJ	Scale: AS SHOWN
	Project Mgr: ATN	Project: 5089.0001H000
	File: LEGACY GREEN KEOUGH RECYCLING CENTER-FIGURE I-1-GENERAL LOCATION MAP.DWG	

REFERENCE(S)

1. BASE MAP TAKEN FROM TEXAS DEPARTMENT OF TRANSPORTATION, GREATER HOUSTON, DECEMBER 6, 2024; DELIVERED IN PDF [HTTPS://WWW.DOT.STATE.TX.US](https://www.dot.state.tx.us).

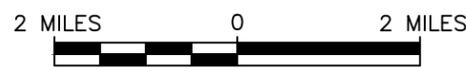


FIGURE
I-1

S:\CLIENTS\PROJECTS\LEGACY GREEN\TRANSFER STATION\CADD\PART I\LEGACY GREEN\KEOUGH RECYCLING CENTER-FIGURE I-2-SITE LOCATION MAP.DWG



LEGEND

- FACILITY BOUNDARY
- FACILITY BOUNDARY OFFSET RADIUS

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Title: SITE LOCATION MAP LEGACY GREEN KEOUGH RECYCLING CENTER HOUSTON, TEXAS		
Prepared for: LEGACY GREEN LLC		
	Compiled by: GRH	Date: 10/2025
	Prepared by: FJJ	Scale: AS SHOWN
	Project Mgr: ATN	Project: 5089.0001H000
	File: LEGACY GREEN KEOUGH RECYCLING CENTER-FIGURE I-2-SITE LOCATION MAP.DWG	

- REFERENCE(S)**
- BASE MAP TAKEN FROM TEXAS DEPARTMENT OF TRANSPORTATION, COUNTY MAPBOOK 2018, PAGE 1750; DELIVERED IN PDF [HTTPS://WWW.DOT.STATE.TX.US](https://www.dot.state.tx.us).

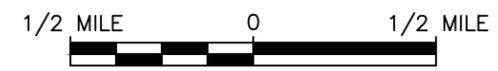
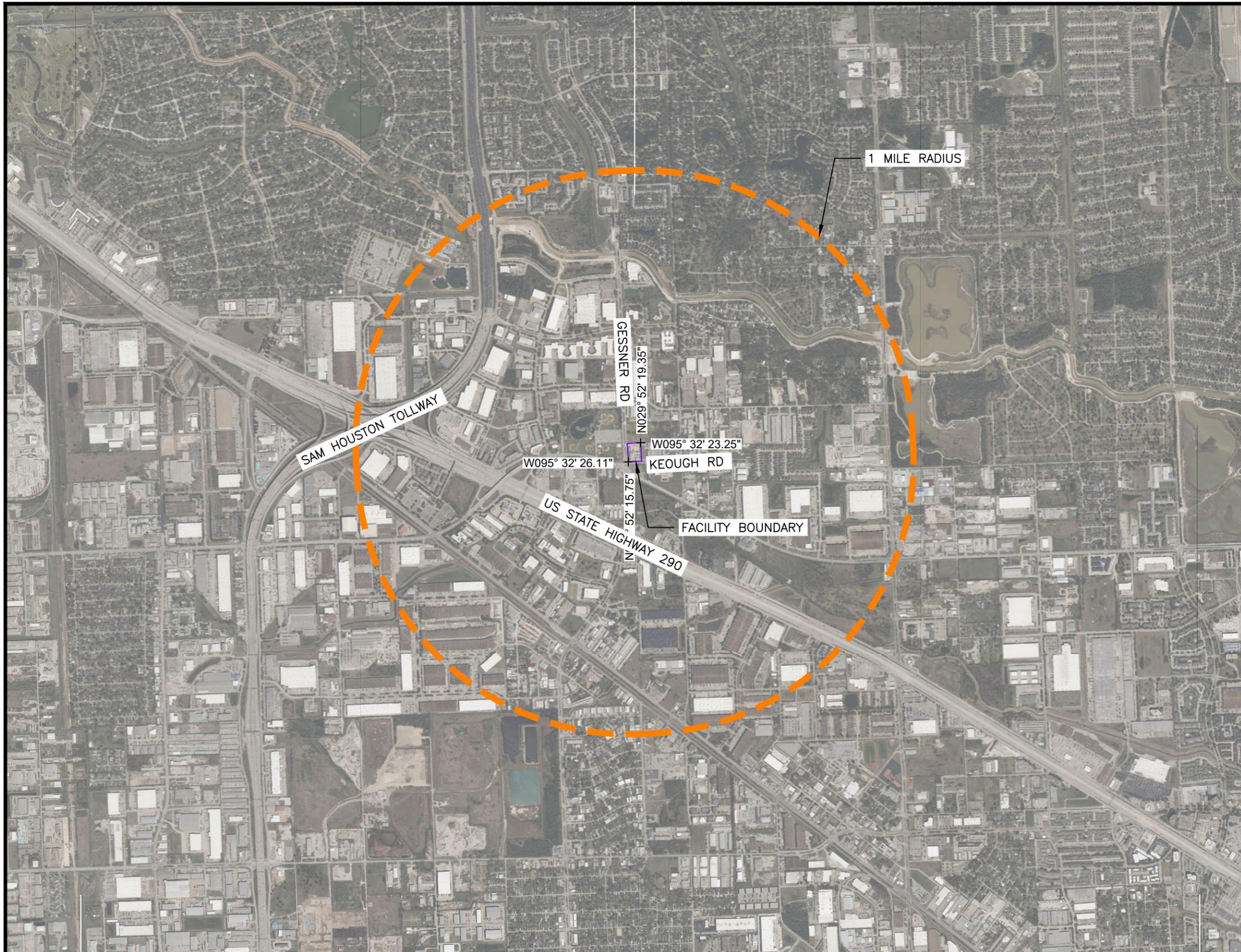


FIGURE
I-2

S:\CLIENTS\PROJECTS\LEGACY GREEN\TRANSFER STATION\CADD\PART I\LEGACY GREEN-KEOUGH RECYCLING CENTER-FIGURE I-3-2025 AERIAL PHOTOGRAPH.DWG



LEGEND

-  FACILITY BOUNDARY
-  FACILITY BOUNDARY OFFSET RADIUS

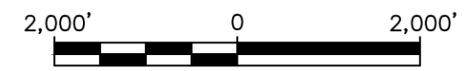


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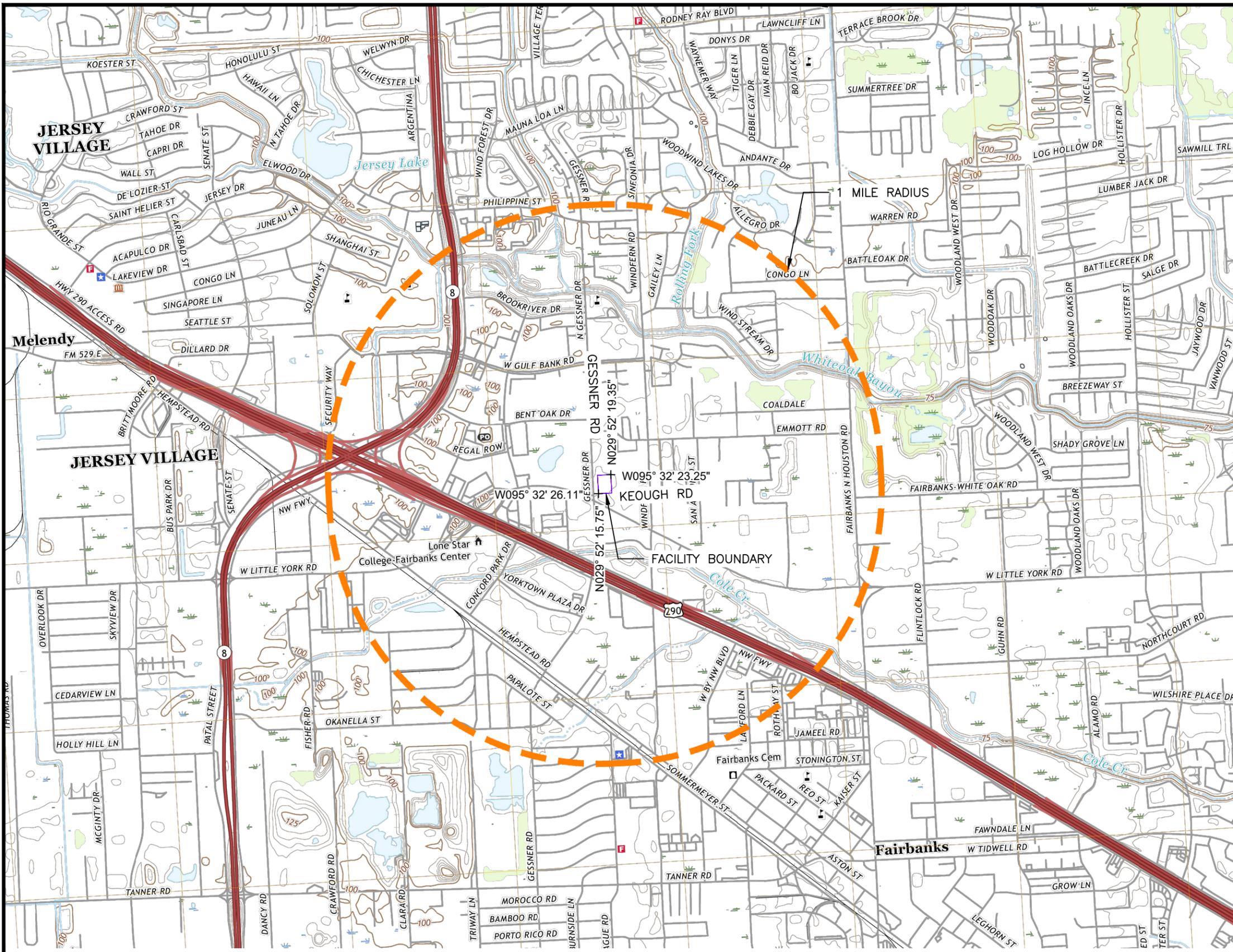
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2025 AERIAL PHOTOGRAPH LEGACY GREEN KEOUGH RECYCLING CENTER HOUSTON, TEXAS			
Prepared for:			I-3
LEGACY GREEN LLC			
	Compiled by: GRH	Date: 10/2025	
	Prepared by: FJJ	Scale: AS SHOWN	
	Project Mgr: ATN	Project: 5089.0001H000	
	File: LEGACY GREEN-KEOUGH RECYCLING CENTER-FIGURE I-3-2025 AERIAL PHOTOGRAPH.DWG		

REFERENCE(S)

1. BASE MAP TAKEN FROM © MICROSOFT CORPORATION © 2025 MAXAR CNES (2025) DISTRIBUTION AIRBUS DS © 2025 MICROSOFT BING.COM, ACCESSED OCTOBER 2025.



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LEGEND

- FACILITY BOUNDARY
- FACILITY BOUNDARY OFFSET RADIUS

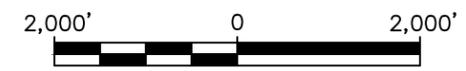
SYMBOLIC FEATURES	SYMBOLIC FEATURES	SYMBOLIC FEATURES	SYMBOLIC FEATURES
Area exposed or not low tide, including adjacent lake	Control features	Control data and monuments	PROTECTION AND SIGNS
Channel	Structure feet	Structure	Boundary
Channel rock	Canal or rock cut	Structure (water elevation, water table)	Structure (water elevation, water table)
Channel rock	Canal or rock cut	Structure (water elevation, water table)	Structure (water elevation, water table)
Channel rock	Canal or rock cut	Structure (water elevation, water table)	Structure (water elevation, water table)

SYMBOLIC FEATURES	SYMBOLIC FEATURES	SYMBOLIC FEATURES	SYMBOLIC FEATURES
Control data and monuments			
Control data and monuments			
Control data and monuments			

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- REFERENCE(S)**
- BASE MAP DEVELOPED BY THE UNITED STATES GEOLOGICAL SURVEY (USGS) LAST UPDATED IN 2022 FOR HEDWIG VILLAGE AND SATSUMA, TEXAS.



Title: **GENERAL TOPOGRAPHIC MAP LEGACY GREEN KEOUGH RECYCLING CENTER**
 HOUSTON, TEXAS

Prepared for: **LEGACY GREEN LLC**

Compiled by: GRH	Date: 11/2025	FIGURE I-4A
Prepared by: FJJ	Scale: AS SHOWN	
Project Mgr: ATN	Project: 5089.0001H000	
File: LEGACY GREEN-KEOUGH RECYCLING CENTER-FIGURE 1-4A-GENERAL TOPOGRAPHIC MAP.DWG		

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LEGEND

- - - FACILITY BOUNDARY
- MAJOR CONTOUR LINE
- MINOR CONTOUR LINE
- 95 ELEVATION

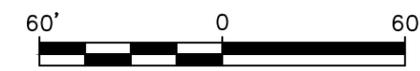
STATE OF TEXAS
 GARY RUSSELL HORWITZ
 48495
[Signature]
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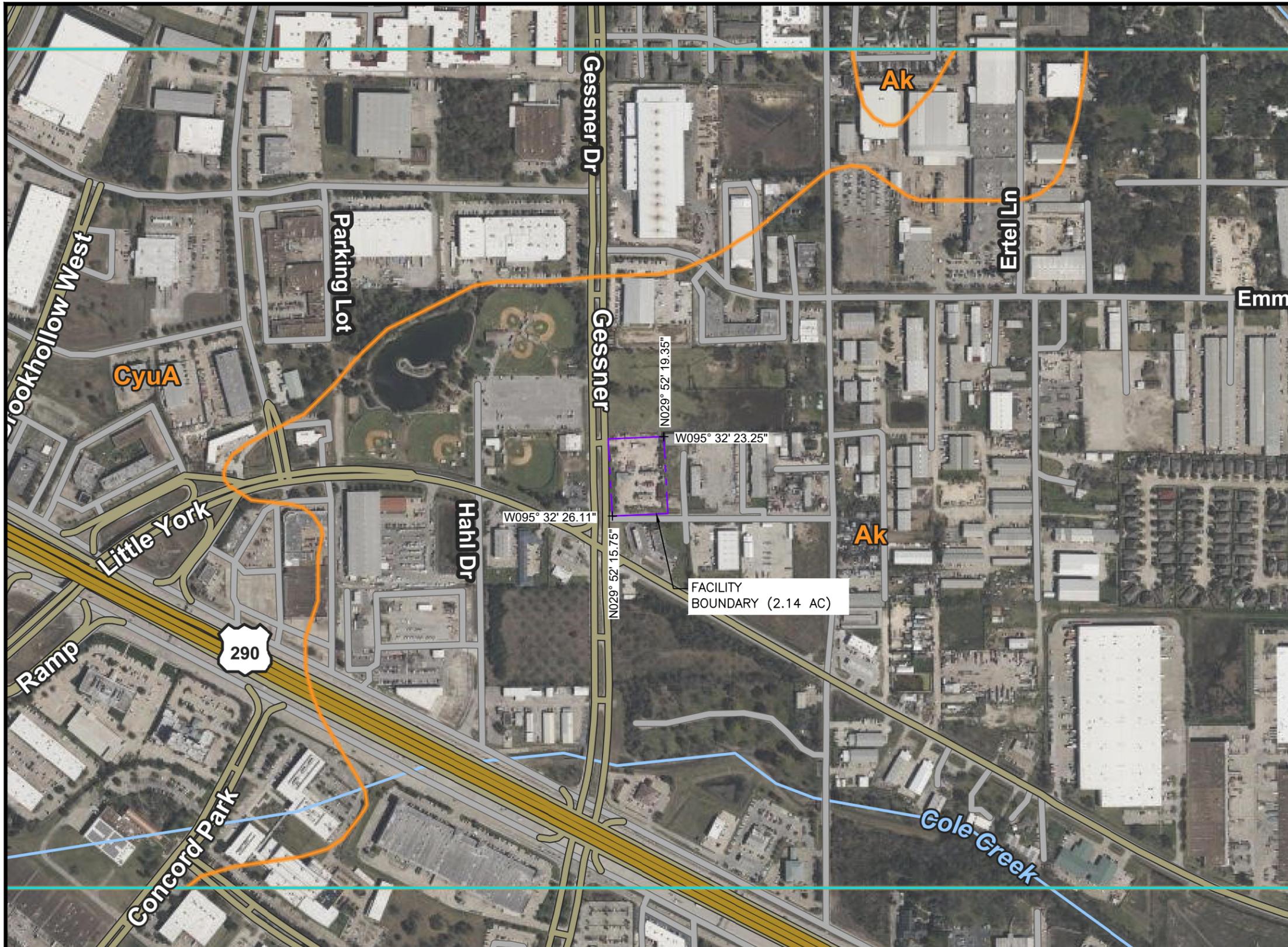
REFERENCE(S)

1. BASE MAP TAKEN FROM © MICROSOFT CORPORATION © 2025 MAXAR CNES (2025) DISTRIBUTION AIRBUS DS © 2025 MICROSOFT BING.COM, ACCESSED OCTOBER 2025.
2. TOPOGRAPHY GENERATED FROM SITE SURVEY CONDUCTED ON SEPTEMBER 5, 2025 BY RODS, INC.



Title: SITE TOPOGRAPHIC SURVEY MAP LEGACY GREEN KEOUGH RECYCLING CENTER HOUSTON, TEXAS			
Prepared for: LEGACY GREEN LLC			
ROUX	Compiled by: GRH	Date: 11/2025	FIGURE I-4B
	Prepared by: FJJ	Scale: AS SHOWN	
	Project Mgr: ATN	Project: 5089.0001H000	
	File: LEGACY GREEN-KEOUGH RECYCLING CENTER-FIGURE I-4B-SITE TOPOGRAPHIC SURVEY MAP.DWG		

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LEGEND

- FACILITY BOUNDARY
- SOIL MAP UNIT POLYGONS
- AREA OF INTEREST

SOIL TYPE

Map Unit Symbol	Map Unit Name
Ak	Addicks-Urban land complex, 0 to 1 percent slopes
Cyua	Cyfair-Urban land complex, 0 to 1 percent slopes

REFERENCE(S)

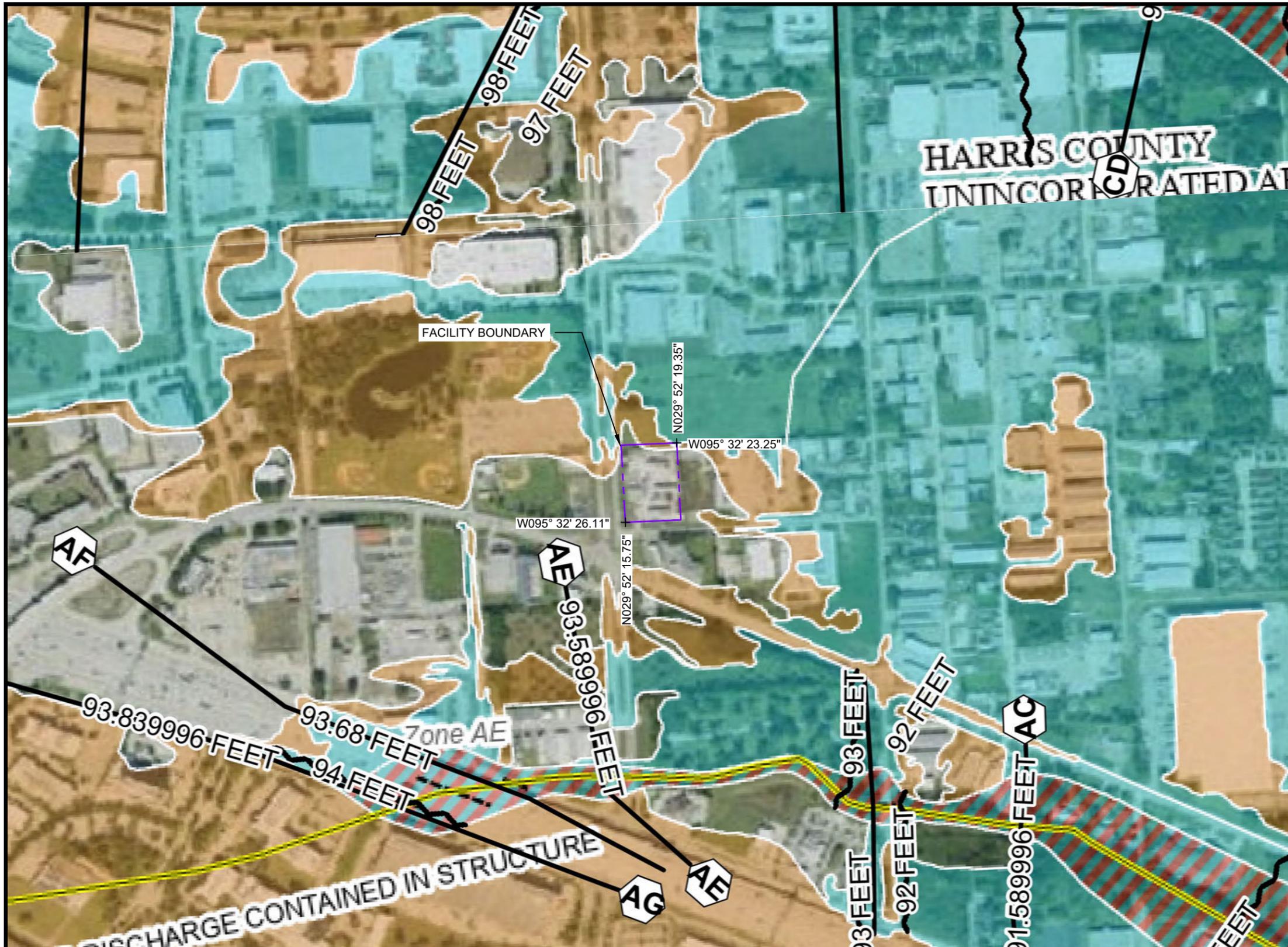
1. BASE MAP TAKEN FROM © MICROSOFT CORPORATION © 2025 MAXAR CNES (2025) DISTRIBUTION AIRBUS DS © 2025 MICROSOFT BING.COM, ACCESSED OCTOBER 2025.
2. SOIL DATA TAKEN FROM UNITED STATES DEPARTMENT OF AGRICULTURE, NATURAL RESOURCES CONSERVATION SERVICES, NATIONAL SOIL SURVEY HANDBOOK. (HTTPS://WEBSOIL.SURVEY.NRCS.USDA.GOV/APP/WEBSOILSURVEY.ASPX) HARRIS COUNTY, TEXAS SURVEY AREA VERSION 27, SEPTEMBER 4, 2025



ISSUED FOR PERMITTING

Title: NRCS SOIL SURVEY MAP LEGACY GREEN KEOUGH RECYCLING CENTER HOUSTON, TEXAS		
Prepared for: LEGACY GREEN LLC		
ROUX	Compiled by: GRH	Date: 11/2025
	Prepared by: FJJ	Scale: AS SHOWN
	Project Mgr: ATN	Project: 5089.0001H000
	File: LEGACY GREEN-KEOUGH RECYCLING CENTER-FIGURE II-11 NRCS SOIL SURVEY MAP.DWG	

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LEGEND

--- FACILITY BOUNDARY

FLOOD HAZARD INFORMATION

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR DRAFT FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee See Notes Zone X
		Area with Flood Risk due to Levee Zone D
		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
OTHER AREAS		Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
		20.2 Cross Sections with 1% Annual Chance
		17.5 Water Surface Elevation
		Coastal Transect
		Coastal Transect Baseline
		Profile Baseline
		Hydrographic Feature
		Base Flood Elevation Line (BFE)
OTHER FEATURES		Limit of Study
		Jurisdiction Boundary

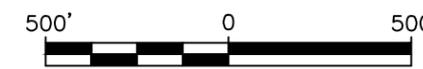
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Title: FEMA FLOOD INSURANCE RATE MAP LEGACY GREEN KEOUGH RECYCLING CENTER HOUSTON, TEXAS		
Prepared for: LEGACY GREEN LLC		
	Compiled by: GRH	Date: 11/2025
	Prepared by: FJJ	Scale: AS SHOWN
	Project Mgr: ATN	Project: 5089.0001H000
	File: LEGACY GREEN KEOUGH RECYCLING CENTER FIGURE II-13 FEMA FLOOD INSURANCE RATE MAP.DWG	
		FIGURE II-13

REFERENCE(S)

- FLOOD INSURANCE RATE MAP TAKEN FROM FEMA FLOOD MAP SERVICE CENTER, DELIVERED IN PDF, <HTTP://MSC.FEMA.GOV/PORTAL> (ACCESSED SEPTEMBER 2025). MAP NUMBERS 48201C0635M & 48201C0445M.



Type V Transfer Station Registration Application, Part II
Legacy Green Keough Transfer Station

ATTACHMENT IIB-4

Attachment IIB-4
Texas Parks and Wildlife Department (TPWD)

January 26, 2026

Mr. Alan Cain
Director of Wildlife
Texas Parks and Wildlife Department
4200 Smith School Rd
Austin, Texas 78744

Re: Threatened and Endangered Species Review Request
Legacy Green Keough Recycling Center
Type V Municipal Solid Waste
Registration Application
Legacy Green LLC
Harris County, Texas

Dear Mr. Cain:

Roux Associates, Inc. ("Roux"), on behalf of Legacy Green LLC, is preparing a Registration Application ("RA") for the Legacy Green Keough Recycling Center ("Facility") Type V Municipal Solid Waste (MSW) for submittal to the Texas Commission on Environmental Quality (TCEQ) Permits Section, Waste Permits Division.

The Facility is located within the extraterritorial jurisdiction of the City of Houston, Harris County, Texas. The Facility is located at 9420 Keough Rd, Houston, Texas. The site location is shown on **Figures I-1 and I-2**. Additionally, an aerial photograph showing the site is provided as **Figure I-3**, and the general topographic map is included as **Figure I-4A**. A Site Topographic Survey Map is presented on **Figure I-4B**. **Attachment 1** is a project summary and site location maps.

Given the prior development of this property and the review of available records, it is anticipated that the proposed Transfer Station will not result in the destruction or adverse modification of the critical habit of endangered or threatened species, or cause or contribute to the taking of any endangered or threatened species. Based on a field survey and available records, it was concluded that the Facility and the operation of the facility is not expected to result in the destruction or adverse modification of the critical habitat of endangered or threatened species, or cause or contribute to the taking of any endangered or threatened species.

Under the current Texas Administrative Code 30 TAC §330.61(n)(1), the applicant must consider any negative impact to threatened and endangered species. As this RA is not for a landfill, 330.61(n)(2) does not apply; therefore, a biological assessment does not need to be prepared. Through submitting this coordination letter, Roux is requesting a letter response from the Texas Parks and Wildlife Department indicating the proposed Facility will not adversely affect threatened and endangered species.

If further information or documentation is required, please call the undersigned at (281) 397-3805 or via email at [REDACTED]

January 26, 2026
Page 2

Sincerely,

ROUX ASSOCIATES, INC.



Annie Nguyen, P.E. (TX 140335)
Senior Engineer I



Gary Horwitch, P.E. (TX 48456)
Technical Director

Attachments: Attachment 1 – Project Summary and Site Location Maps

**Type V Transfer Station Registration Application,
Attachment IIB-4,
Texas Parks and Wildlife Department (TPW)
*Legacy Green Keough Recycling Center***

ATTACHMENT 1

Attachment 1
Project Summary

1. Introduction

Legacy Green LLC is preparing a Registration Application (RA) to be submitted to the Texas Commission on Environmental Quality (TCEQ) Waste Permits Division for an operation of the Legacy Green Keough Recycling Center (“Facility” or “Site”), a Type V Transfer Station. The Facility is located within the extraterritorial jurisdiction of the City of Houston, Texas.

The proposed Legacy Green Keough Recycling Center will operate within a covered pre-engineered metal building where waste will be sorted for recyclable and reusable materials. The remaining unusable and non-recyclable materials will be loaded for disposal at an approved off-site TCEQ-permitted solid waste landfill within 50 miles of the Facility. Recyclables will be temporarily stockpiled inside the building pending shipment to recyclers. The Facility will accept waste from Harris County and the counties included in the Houston-Galveston Area Council (H-GAC).

2. Facility Location

The proposed Legacy Green Keough Recycling Center will be a Type V Transfer Station occupying the entire 2.14-acre tract owned by LMA Exchange #2, LLC. The Facility is located within the extraterritorial jurisdiction of the City of Houston, at 9420 Keough Rd. The Legacy Green Keough Recycling Center public access entrance will be off of Gessner Rd. Access via Keough Rd will be restricted exclusively to staff and visitor vehicles.

The site location is shown on **Figures I-1 and I-2**. Additionally, an aerial photograph showing the site is provided as **Figure I-3**, and the general topographic map is included as **Figure I-4**. A Site Topographic Survey Map is presented on **Figure I-4B**.

The Facility is located on a property owned by LMA Exchange #2, LLC and operated by Legacy Green LLC. The mailing and physical address for the Facility is:

Legacy Green LLC
9420 Keough Road
Houston, Texas 77040

The geographic coordinates of the facility are:

Latitude (degrees, minutes seconds): 29° 52' 17.4"N
Longitude (degrees, minutes seconds): 95° 32' 24.72"W

3. Design Summary

The following information presents a summary of the design and operations for Legacy Green Keough Recycling Center:

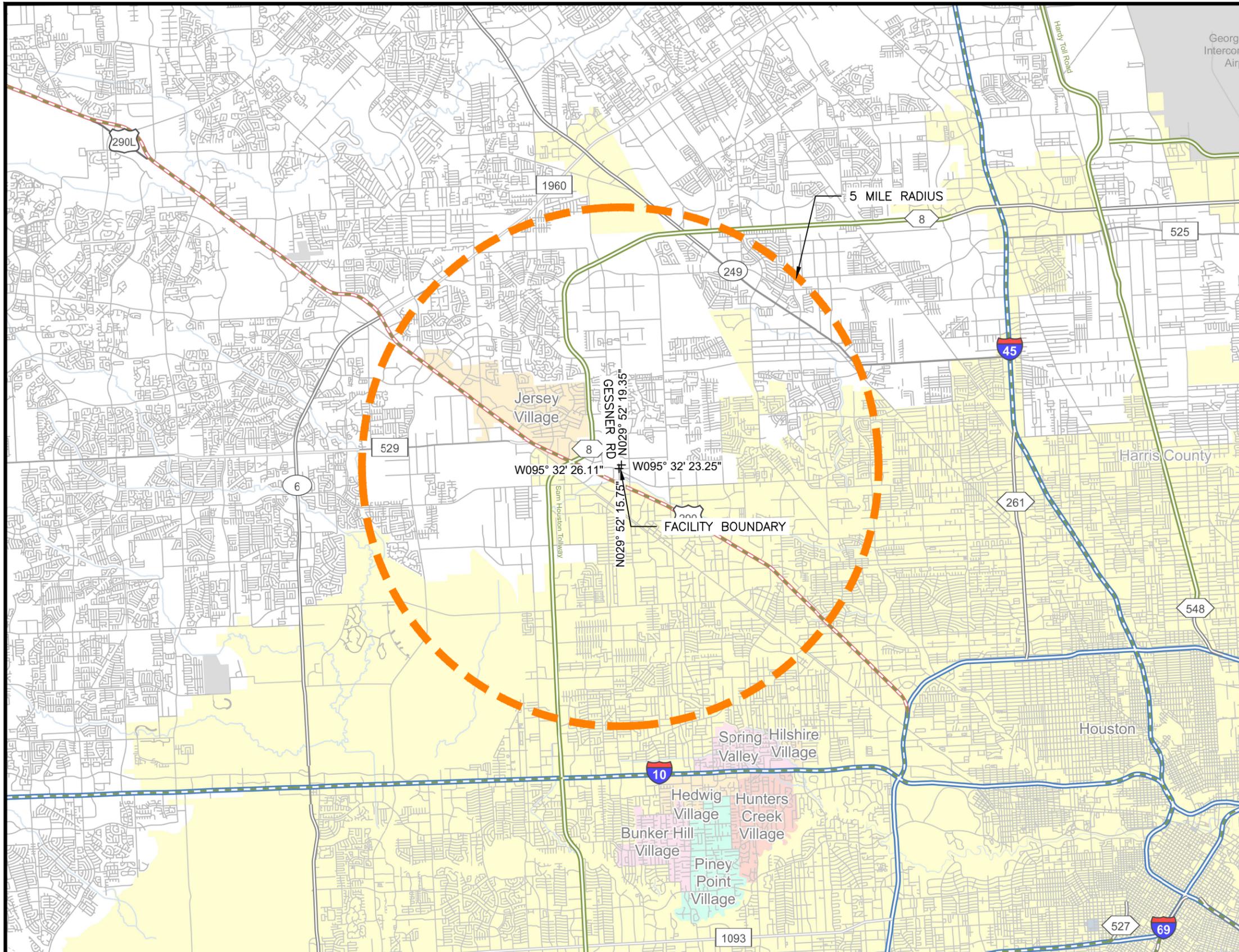
- The Facility will receive non-putrescible solid waste and source-separated recyclable materials, including construction and demolition debris and rubbish from municipal and commercial activities.
- The proposed maximum transfer capacity of the facility is 1,150 tons per day.
- The Facility will recover a minimum of 10% or more by weight of the incoming waste stream.
- The Facility will be open for waste acceptance 24 hours per day, 7 days per week.
- The Facility can be accessed by incoming and outgoing waste vehicles through the public access entrance will be off of Gessner Rd.
- Access via Keough Rd shall be restricted exclusively to staff and visitor vehicles.
- Incoming loads will be weighed and directed to the covered transfer station building / Waste Storage Processing Structure (WSPS). The non-putrescible solid waste will be manually sorted for recyclable and reusable materials. The Operator may choose to install an elevated picking line within the WSPS.
- The unusable/non-recyclable material will be loaded for disposal at an approved off-site TCEQ permitted solid waste landfill within 50 miles of the Facility. The recyclables will be temporarily stockpiled pending shipping to recyclers. No waste sorting or disposal operation will occur outside of the WSPS.
- Once approved by the TCEQ, the facility will be operated in accordance with the TCEQ-approved site operating plan. This plan includes procedures that govern day-to-day operations of the facility as well as routine inspections and housekeeping to ensure compliance with the TCEQ regulations. As part of the operations, litter, dust, and odor control measures and procedures will be implemented.
- Properly trained personnel will operate the Legacy Green Keough Recycling Center to effectively serve the community. A detailed Site Operating Plan (SOP) will be included in the RA. The SOP will detail the required equipment, personnel, and safety procedures required to operate the site in accordance with TCEQ regulations.

**Type V Transfer Station Registration Application,
Attachment IIB-4,
Texas Parks and Wildlife Department (TPW)
*Legacy Green Keough Recycling Center***

ATTACHMENT 1 - FIGURES

- I-1 General Location Map
- I-2 Site Location Map
- I-3 2024 Aerial Photograph
- I-4A General Topographic Map
- I-4B Site Topographic Survey Map

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LEGEND

- FACILITY BOUNDARY
- FACILITY BOUNDARY OFFSET RADIUS

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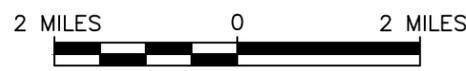
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LEGACY GREEN KEOUGH
RECYCLING CENTER**
HOUSTON, TEXAS

Prepared for: LEGACY GREEN LLC

	Compiled by: GRH	Date: 10/2025	FIGURE I-1
	Prepared by: FJJ	Scale: AS SHOWN	
	Project Mgr: ATN	Project: 5089.0001H000	
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REFERENCE(S)

1. BASE MAP TAKEN FROM TEXAS DEPARTMENT OF TRANSPORTATION, GREATER HOUSTON, DECEMBER 6, 2024; DELIVERED IN PDF [HTTPS://WWW.DOT.STATE.TX.US](https://www.dot.state.tx.us).



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LEGEND

--- FACILITY BOUNDARY

--- FACILITY BOUNDARY OFFSET RADIUS

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Title: SITE LOCATION MAP LEGACY GREEN KEOUGH RECYCLING CENTER HOUSTON, TEXAS		
Prepared for: LEGACY GREEN LLC		
	Compiled by: GRH	Date: 10/2025
	Prepared by: FJJ	Scale: AS SHOWN
	Project Mgr: ATN	Project: 5089.0001H000
	File: LEGACY GREEN KEOUGH RECYCLING CENTER-FIGURE I-2-SITE LOCATION MAP.DWG	

REFERENCE(S)

1. BASE MAP TAKEN FROM TEXAS DEPARTMENT OF TRANSPORTATION, COUNTY MAPBOOK 2018, PAGE 1750; DELIVERED IN PDF [HTTPS://WWW.DOT.STATE.TX.US](https://www.dot.state.tx.us).

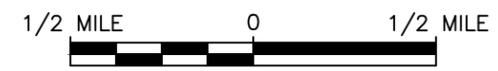
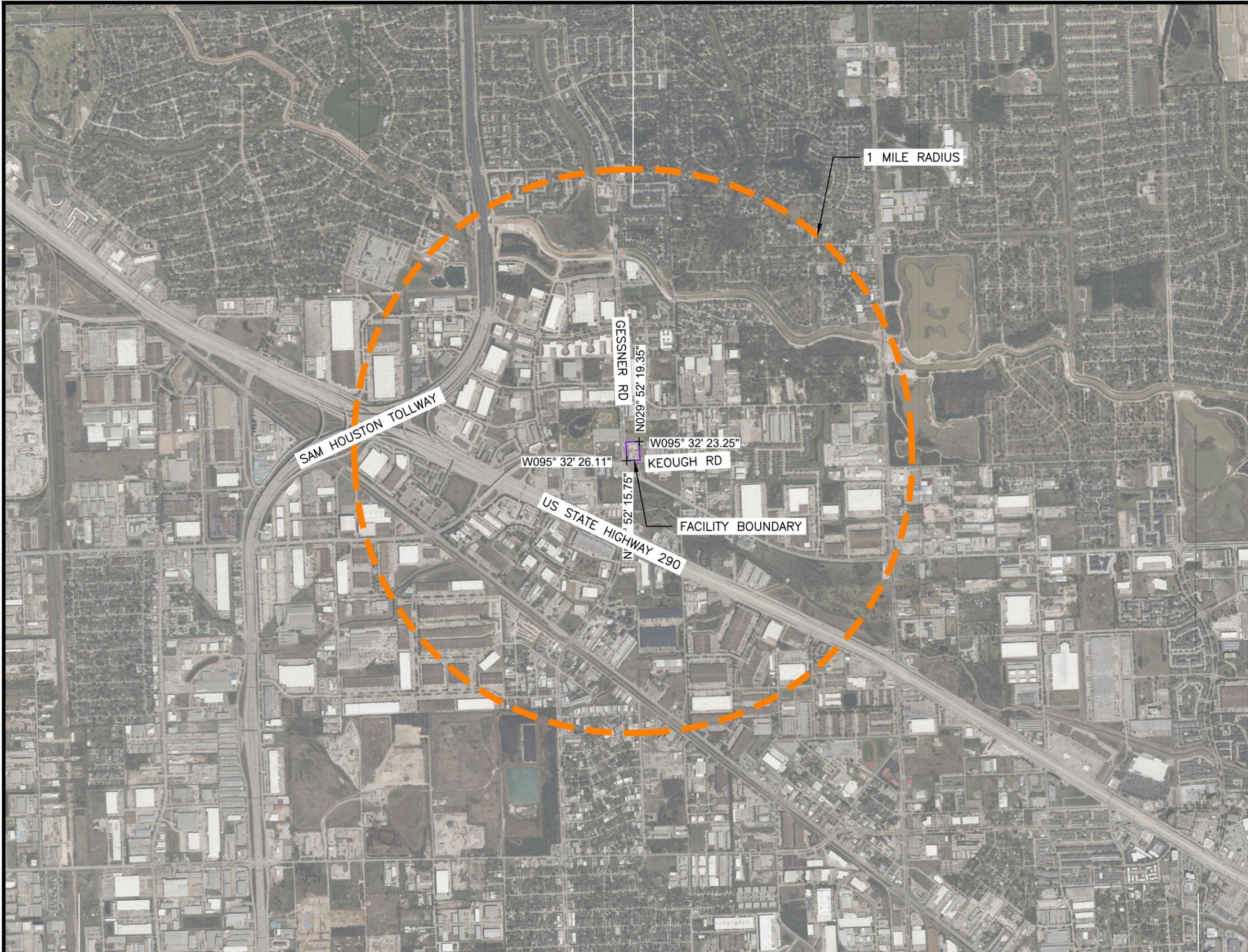


FIGURE
I-2

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--- FACILITY BOUNDARY

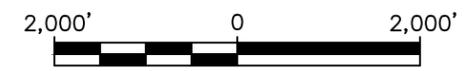
--- FACILITY BOUNDARY OFFSET RADIUS

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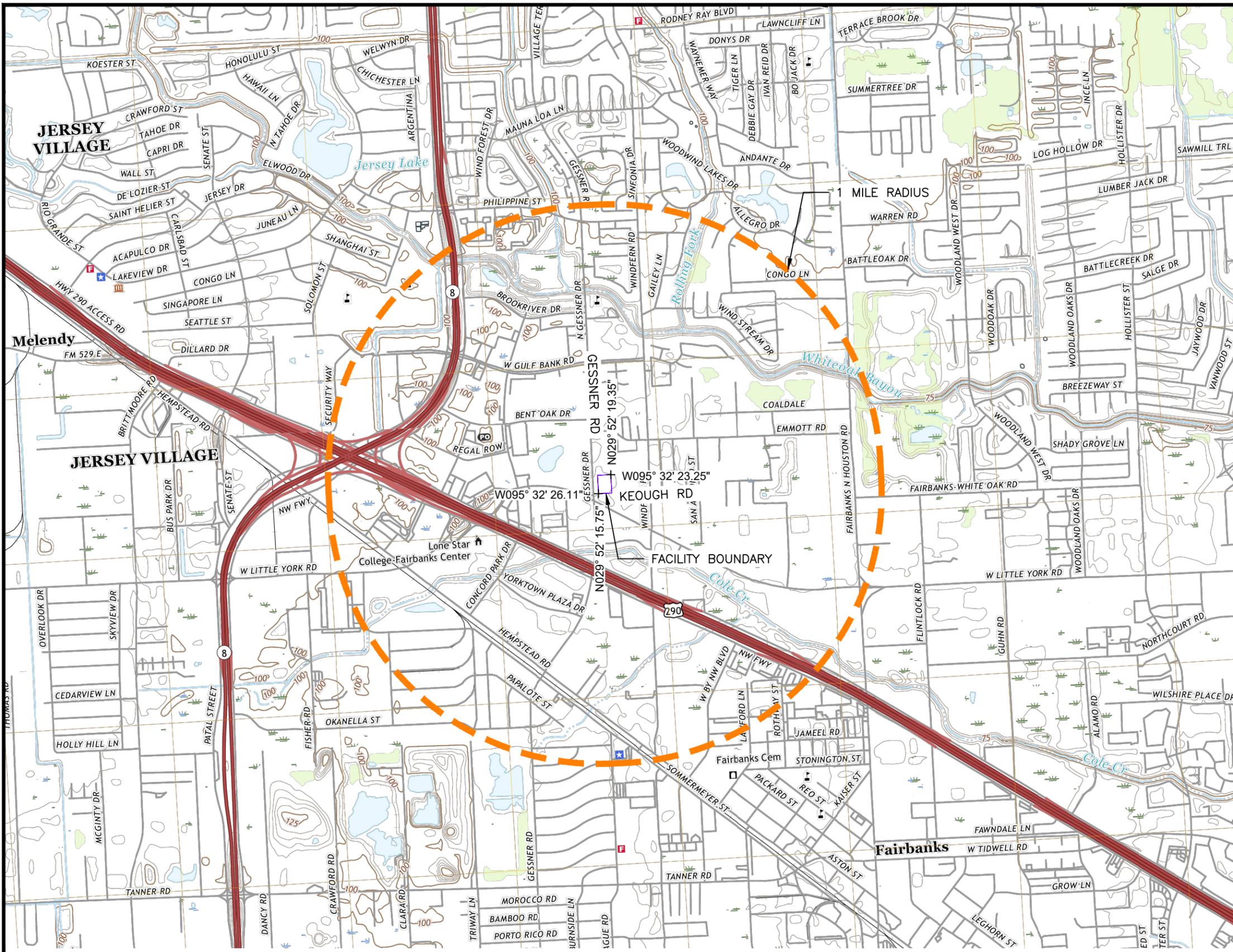
Title:			FIGURE
2025 AERIAL PHOTOGRAPH LEGACY GREEN KEOUGH RECYCLING CENTER			
Prepared for:			I-3
LEGACY GREEN LLC			
	Compiled by: GRH	Date: 10/2025	
	Prepared by: FJJ	Scale: AS SHOWN	
	Project Mgr: ATN	Project: 5089.0001H000	
	File: LEGACY GREEN-KEOUGH RECYCLING CENTER-FIGURE I-3-2025 AERIAL PHOTOGRAPH.DWG		

REFERENCE(S)

1. BASE MAP TAKEN FROM © MICROSOFT CORPORATION © 2025 MAXAR CNES (2025) DISTRIBUTION AIRBUS DS © 2025 MICROSOFT BING.COM, ACCESSED OCTOBER 2025.



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LEGEND

- FACILITY BOUNDARY
- FACILITY BOUNDARY OFFSET RADIUS

SYMBOLIC FEATURES	SYMBOLIC FEATURES	SYMBOLIC FEATURES	SYMBOLIC FEATURES
Area supported or not low tide, including adjacent area	Control points	Control points and monuments	Control points and monuments
Area supported or not low tide, including adjacent area	Control points	Control points and monuments	Control points and monuments
Area supported or not low tide, including adjacent area	Control points	Control points and monuments	Control points and monuments
Area supported or not low tide, including adjacent area	Control points	Control points and monuments	Control points and monuments
Area supported or not low tide, including adjacent area	Control points	Control points and monuments	Control points and monuments

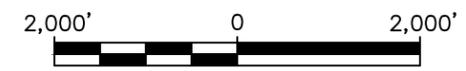
SYMBOLIC FEATURES	SYMBOLIC FEATURES	SYMBOLIC FEATURES	SYMBOLIC FEATURES
Area supported or not low tide, including adjacent area	Control points	Control points and monuments	Control points and monuments
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Area supported or not low tide, including adjacent area	Control points	Control points and monuments	Control points and monuments

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 GARY RUSSELL HORWITZ
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ISSUED FOR PERMITTING

- REFERENCE(S)**
- BASE MAP DEVELOPED BY THE UNITED STATES GEOLOGICAL SURVEY (USGS) LAST UPDATED IN 2022 FOR HEDWIG VILLAGE AND SATSUMA, TEXAS.



ROUX

Compiled by: GRH Date: 11/2025
 Prepared by: FJJ Scale: AS SHOWN
 Project Mgr: ATN Project: 5089.0001H000
 File: LEGACY GREEN-KEOUGH RECYCLING CENTER-FIGURE 1-4A-GENERAL TOPOGRAPHIC MAP.DWG

FIGURE
1-4A

Title: **GENERAL TOPOGRAPHIC MAP
 LEGACY GREEN KEOUGH
 RECYCLING CENTER**
 HOUSTON, TEXAS

Prepared for: **LEGACY GREEN LLC**

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LEGEND

- ■ ■ ■ FACILITY BOUNDARY
- MAJOR CONTOUR LINE
- MINOR CONTOUR LINE
- 95 ELEVATION

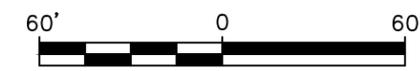
STATE OF TEXAS
 GARY RUSSELL HORWITZ
 48495
 INTENDED FOR PERMITTING PURPOSES ONLY
 01/26/26



ISSUED FOR PERMITTING

REFERENCE(S)

1. BASE MAP TAKEN FROM © MICROSOFT CORPORATION © 2025 MAXAR CNES (2025) DISTRIBUTION AIRBUS DS © 2025 MICROSOFT BING.COM, ACCESSED OCTOBER 2025.
2. TOPOGRAPHY GENERATED FROM SITE SURVEY CONDUCTED ON SEPTEMBER 5, 2025 BY RODS, INC.



Title: SITE TOPOGRAPHIC SURVEY MAP LEGACY GREEN KEOUGH RECYCLING CENTER HOUSTON, TEXAS			
Prepared for: LEGACY GREEN LLC			
ROUX	Compiled by: GRH	Date: 11/2025	FIGURE I-4B
	Prepared by: FJJ	Scale: AS SHOWN	
	Project Mgr: ATN	Project: 5089.0001H000	
File: LEGACY GREEN-KEOUGH RECYCLING CENTER-FIGURE I-4B-SITE TOPOGRAPHIC SURVEY MAP.DWG			

Type V Transfer Station Registration Application, Part II
Legacy Green Keough Transfer Station

ATTACHMENT IIB-5

Attachment IIB-5
Texas Historical Commission (THC)

January 26, 2026

Mr. Joseph Bell
State Preservation Office
Texas Historical Commission
P.O. Box 12276
Austin, Texas 78711

Re: Archaeological/Historical Resources Review
Legacy Green Keough Recycling Center
Type V Municipal Solid Waste
Registration Application
Legacy Green LLC
Travis County, Texas

Dear Mr. Bell:

Roux Associates, Inc. ("Roux"), on behalf of Legacy Green LLC, is preparing a Registration Application ("RA") for the Legacy Green Keough Recycling Center ("Facility") Type V Municipal Solid Waste (MSW) for submittal to the Texas Commission on Environmental Quality (TCEQ) Permits Section, Waste Permits Division.

The Facility is located within the extraterritorial jurisdiction of the City of Houston, Harris County, Texas. The Facility is located at 9420 Keough Rd, Houston, Texas. The site location is shown on **Figures I-1 and I-2**. Additionally, an aerial photograph showing the site is provided as **Figure I-3**, and the general topographic map is included as **Figure I-4A**. A Site Topographic Survey Map is presented on **Figure I-4B**.

Attachment 1 is a project summary and site location maps. Following a review conducted through the Texas Historical Commission's online Atlas and independent research, Hempstead Road, a historic highway, lies approximately 3,340 feet southwest of the Facility's registration boundary. It is identified as a Meridian Road in Texas (1916), the 1924 Automobile Red Book – Meridian, and in the 1940 and 1960 Texas Highway Department maps.

In accordance with the current Texas Administrative Code 30 TAC §330.61(o), we are requesting a review from the Texas Historical Commission documenting compliance with the Natural Resources Code, Chapter 191, Texas Antiquities Code.

If further information or documentation is required, please call the undersigned at (281) 397-3805 or via email [REDACTED]

Sincerely,

ROUX ASSOCIATES, INC.



Annie Nguyen, P.E. (TX 140335)
Senior Engineer I



Gary Horwitch, P.E. (TX 48456)
Technical Director

Attachments: Attachment 1 – Project Summary and Site Location Maps

**Type V Transfer Station Registration Application,
Attachment IIB-5,
Texas Historical Commission (THC)
*Legacy Green Keough Recycling Center***

ATTACHMENT 1

Attachment 1
Project Summary

1. Introduction

Legacy Green LLC is preparing a Registration Application (RA) to be submitted to the Texas Commission on Environmental Quality (TCEQ) Waste Permits Division for an operation of the Legacy Green Keough Recycling Center (“Facility” or “Site”), a Type V Transfer Station. The Facility is located within the extraterritorial jurisdiction of the City of Houston, Texas.

The proposed Legacy Green Keough Recycling Center will operate within a covered pre-engineered metal building where waste will be sorted for recyclable and reusable materials. The remaining unusable and non-recyclable materials will be loaded for disposal at an approved off-site TCEQ-permitted solid waste landfill within 50 miles of the Facility. Recyclables will be temporarily stockpiled inside the building pending shipment to recyclers. The Facility will accept waste from Harris County and the counties included in the Houston-Galveston Area Council (H-GAC).

2. Facility Location

The proposed Legacy Green Keough Recycling Center will be a Type V Transfer Station occupying the entire 2.14-acre tract owned by LMA Exchange #2, LLC. The Facility is located within the extraterritorial jurisdiction of the City of Houston, at 9420 Keough Rd. The Legacy Green Keough Recycling Center public access entrance will be off of Gessner Rd. Access via Keough Rd will be restricted exclusively to staff and visitor vehicles.

The site location is shown on **Figures I-1 and I-2**. Additionally, an aerial photograph showing the site is provided as **Figure I-3**, and the general topographic map is included as **Figure I-4**. A Site Topographic Survey Map is presented on **Figure I-4B**.

The Facility is located on a property owned by LMA Exchange #2, LLC and operated by Legacy Green LLC. The mailing and physical address for the Facility is:

Legacy Green LLC
9420 Keough Road
Houston, Texas 77040

The geographic coordinates of the facility are:

Latitude (degrees, minutes seconds): 29° 52' 17.4"N
Longitude (degrees, minutes seconds): 95° 32' 24.72"W

3. Design Summary

The following information presents a summary of the design and operations for Legacy Green Keough Recycling Center:

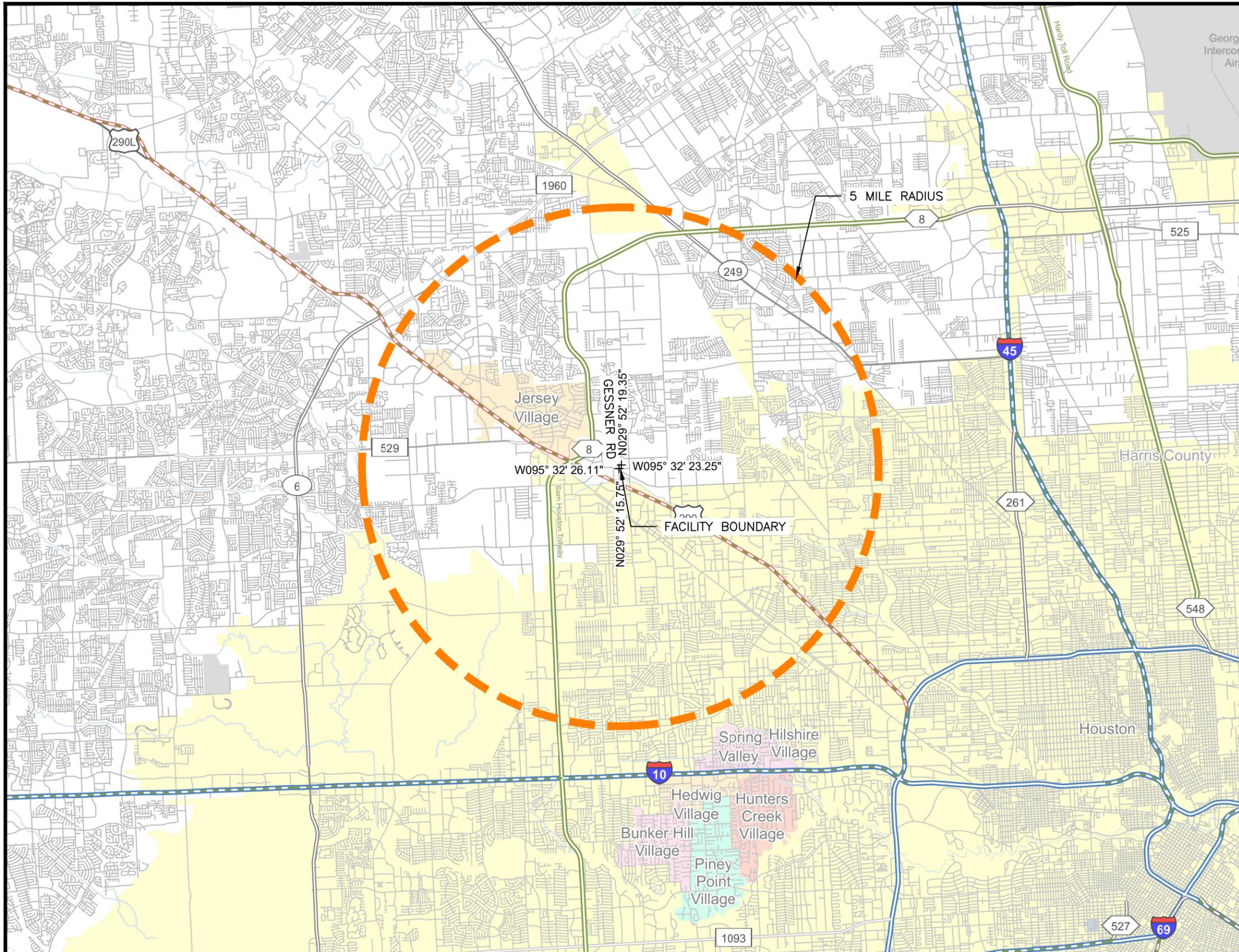
- The Facility will receive non-putrescible solid waste and source-separated recyclable materials, including construction and demolition debris and rubbish from municipal and commercial activities.
- The proposed maximum transfer capacity of the facility is 1,150 tons per day.
- The Facility will recover a minimum of 10% or more by weight of the incoming waste stream.
- The Facility will be open for waste acceptance 24 hours per day, 7 days per week.
- The Facility can be accessed by incoming and outgoing waste vehicles through the public access entrance will be off of Gessner Rd.
- Access via Keough Rd shall be restricted exclusively to staff and visitor vehicles.
- Incoming loads will be weighed and directed to the covered transfer station building / Waste Storage Processing Structure (WSPS). The non-putrescible solid waste will be manually sorted for recyclable and reusable materials. The Operator may choose to install an elevated picking line within the WSPS.
- The unusable/non-recyclable material will be loaded for disposal at an approved off-site TCEQ permitted solid waste landfill within 50 miles of the Facility. The recyclables will be temporarily stockpiled pending shipping to recyclers. No waste sorting or disposal operation will occur outside of the WSPS.
- Once approved by the TCEQ, the facility will be operated in accordance with the TCEQ-approved site operating plan. This plan includes procedures that govern day-to-day operations of the facility as well as routine inspections and housekeeping to ensure compliance with the TCEQ regulations. As part of the operations, litter, dust, and odor control measures and procedures will be implemented.
- Properly trained personnel will operate the Legacy Green Keough Recycling Center to effectively serve the community. A detailed Site Operating Plan (SOP) will be included in the RA. The SOP will detail the required equipment, personnel, and safety procedures required to operate the site in accordance with TCEQ regulations.

**Type V Transfer Station Registration Application,
Attachment IIB-5,
Texas Historical Commission (THC)
*Legacy Green Keough Recycling Center***

ATTACHMENT 1 - FIGURES

- I-1 General Location Map
- I-2 Site Location Map
- I-3 2024 Aerial Photograph
- I-4A General Topographic Map
- I-4B Site Topographic Survey Map

S:\CLIENTS\PROJECTS\LEGACY GREEN\TRANSFER STATION\CADD\PART I\LEGACY GREEN\KEOUGH RECYCLING CENTER-FIGURE I-1-GENERAL LOCATION MAP.DWG



LEGEND

- FACILITY BOUNDARY
- FACILITY BOUNDARY OFFSET RADIUS

STATE OF TEXAS
 GARY RUSSELL HORWITZ
 48495
 INTENDED FOR PERMITTING PURPOSES ONLY
 01/26/26

ISSUED FOR PERMITTING

REFERENCE(S)

1. BASE MAP TAKEN FROM TEXAS DEPARTMENT OF TRANSPORTATION, GREATER HOUSTON, DECEMBER 6, 2024; DELIVERED IN PDF [HTTPS://WWW.DOT.STATE.TX.US](https://www.dot.state.tx.us).



Title: GENERAL LOCATION MAP LEGACY GREEN KEOUGH RECYCLING CENTER HOUSTON, TEXAS		
Prepared for: LEGACY GREEN LLC		
	Compiled by: GRH	Date: 10/2025
	Prepared by: FJJ	Scale: AS SHOWN
	Project Mgr: ATN	Project: 5089.0001H000
	File: LEGACY GREEN KEOUGH RECYCLING CENTER-FIGURE I-1-GENERAL LOCATION MAP.DWG	

FIGURE
I-1

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LEGEND

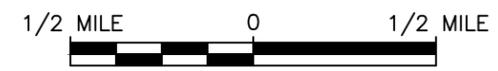
- FACILITY BOUNDARY
- FACILITY BOUNDARY OFFSET RADIUS



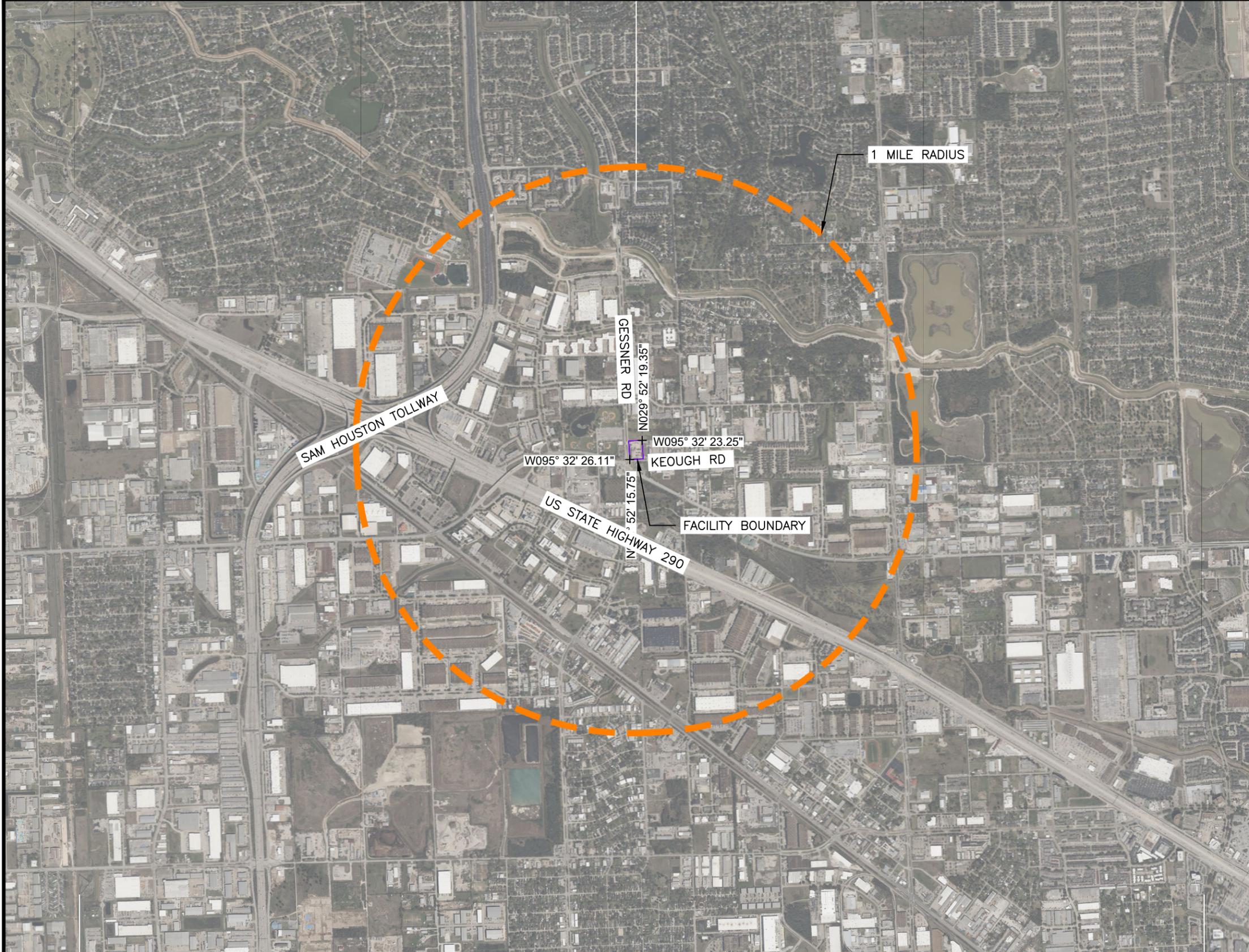
ISSUED FOR PERMITTING

Title: SITE LOCATION MAP LEGACY GREEN KEOUGH RECYCLING CENTER HOUSTON, TEXAS		
Prepared for: LEGACY GREEN LLC		
	Compiled by: GRH Date: 10/2025 Prepared by: FJJ Scale: AS SHOWN Project Mgr: ATN Project: 5089.0001H000	FIGURE I-2
File: LEGACY GREEN\KEOUGH RECYCLING CENTER-FIGURE I-2-SITE LOCATION MAP.DWG		

- REFERENCE(S)**
- BASE MAP TAKEN FROM TEXAS DEPARTMENT OF TRANSPORTATION, COUNTY MAPBOOK 2018, PAGE 1750; DELIVERED IN PDF [HTTPS://WWW.DOT.STATE.TX.US](https://www.dot.state.tx.us).



S:\CLIENTS\PROJECTS\LEGACY GREEN\TRANSFER STATION\CADD\PART I\LEGACY GREEN-KEOUGH RECYCLING CENTER-FIGURE I-3-2025 AERIAL PHOTOGRAPH.DWG



LEGEND

--- FACILITY BOUNDARY

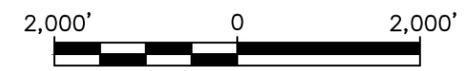
--- FACILITY BOUNDARY OFFSET RADIUS

ISSUED FOR PERMITTING

Title:			FIGURE
2025 AERIAL PHOTOGRAPH LEGACY GREEN KEOUGH RECYCLING CENTER			
Prepared for:			I-3
LEGACY GREEN LLC			
	Compiled by: GRH	Date: 10/2025	
	Prepared by: FJJ	Scale: AS SHOWN	
	Project Mgr: ATN	Project: 5089.0001H000	
	File: LEGACY GREEN-KEOUGH RECYCLING CENTER-FIGURE I-3-2025 AERIAL PHOTOGRAPH.DWG		

REFERENCE(S)

1. BASE MAP TAKEN FROM © MICROSOFT CORPORATION © 2025 MAXAR CNES (2025) DISTRIBUTION AIRBUS DS © 2025 MICROSOFT BING.COM, ACCESSED OCTOBER 2025.



S:\CLIENTS\PROJECTS\LEGACY GREEN\TRANSFER STATION\CADD\PART I\LEGACY GREEN-KEOUGH RECYCLING CENTER-FIGURE I-4B-SITE TOPOGRAPHIC SURVEY MAP.DWG



LEGEND

- ■ ■ ■ FACILITY BOUNDARY
- MAJOR CONTOUR LINE
- MINOR CONTOUR LINE
- 95 ELEVATION

STATE OF TEXAS
 GARY RUSSELL HORWITZ
 48495
 INTENDED FOR PERMITTING PURPOSES ONLY
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REFERENCE(S)

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Prepared for: LEGACY GREEN LLC			
ROUX	Compiled by: GRH	Date: 11/2025	FIGURE I-4B
	Prepared by: FJJ	Scale: AS SHOWN	
	Project Mgr: ATN	Project: 5089.0001H000	
File: LEGACY GREEN-KEOUGH RECYCLING CENTER-FIGURE I-4B-SITE TOPOGRAPHIC SURVEY MAP.DWG			

Type V Transfer Station Registration Application, Part II
Legacy Green Keough Transfer Station

ATTACHMENT IIB-6

Attachment IIB-6
Houston-Galveston Area Council (H-GAC)

January 26, 2026

Erin Livingston
Solid Waste Management Program
Houston-Galveston Area Council (H-GAC)
3555 Timmons Ln
Houston, TX 77027

Re: Houston-Galveston Area Council Location Restrictions Review
Legacy Green Keough Recycling Center
Type V Municipal Solid Waste
Registration Application
Legacy Green LLC
Harris County, Texas

Dear Ms. Livingston:

Roux Associates, Inc. ("Roux"), on behalf of Legacy Green LLC, is preparing a Registration Application ("RA") for the Legacy Green Keough Recycling Center ("Facility") Type V Municipal Solid Waste (MSW) for submittal to the Texas Commission on Environmental Quality (TCEQ) Permits Section, Waste Permits Division.

The Facility is located within the extraterritorial jurisdiction of the City of Houston, Harris County, Texas. The Facility is located at 9420 Keough Rd, Houston, Texas. The site location is shown on **Figures I-1 and I-2**. Additionally, an aerial photograph showing the site is provided as **Figure I-3**, and the general topographic map is included as **Figure I-4A**. A Site Topographic Survey Map is presented on **Figure I-4B**. **Attachment 1** is a project summary and site location maps.

The Legacy Green Keough Recycling Center will accept non-putrescible solid waste and source-separated recyclable materials, including construction and demolition (C&D) debris and rubbish from municipal and commercial activities. The Facility's proposed maximum transfer capacity is 1,150 tons per day, operating 24 hours a day, 7 days a week, resulting in an annual capacity of 419,750 tons.

According to Table III.B.1 of the Houston-Galveston Area Council (H-GAC) 2022-2042 Regional Solid Waste Management Plan, C&D waste within the H-GAC region amounts to 2,554,559 tons in 2022, with projections of 2,611,843 tons in 5 years, 2,639,529 tons in 10 years, 2,664,341 tons in 15 years, and 2,688,852 tons in 20 years. The Legacy Green Keough Recycling Center is estimated to handle 16.1% of the C&D waste in 2027, 15.9% in 2032, 15.7% in 2037, and 15.6% in 2042 for the H-GAC area.

In order to comply with the current Texas Administrative Code 30 TAC §330.61(p), we are requesting a review from H-GAC for the development of the Facility and a subsequent rendering from H-GAC that the development is consistent with regional plans, policies, and review criteria.

If further information or documentation is required, please call the undersigned at (281) 397-3805 or via email at [REDACTED]

January 26, 2026
Page 2

Sincerely,

ROUX ASSOCIATES, INC.



Annie Nguyen, P.E. (TX 140335)
Senior Engineer I



Gary Horwitch, P.E. (TX 48456)
Technical Director

Attachments: Attachment 1 – Project Summary and Site Location Maps

**Type V Transfer Station Registration Application,
Attachment IIB-6,
Houston-Galveston Area Council (H-GAC)
*Legacy Green Keough Recycling Center***

ATTACHMENT 1

Attachment 1
Project Summary

1. Introduction

Legacy Green LLC is preparing a Registration Application (RA) to be submitted to the Texas Commission on Environmental Quality (TCEQ) Waste Permits Division for an operation of the Legacy Green Keough Recycling Center (“Facility” or “Site”), a Type V Transfer Station. The Facility is located with the extraterritorial jurisdiction of the City of Houston, Texas.

The proposed Legacy Green Keough Recycling Center will operate within a covered pre-engineered metal building where waste will be sorted for recyclable and reusable materials. The remaining unusable and non-recyclable materials will be loaded for disposal at an approved off-site TCEQ-permitted solid waste landfill within 50 miles of the Facility. Recyclables will be temporarily stockpiled inside the building pending shipment to recyclers. The Facility will accept waste from Harris County and the counties included in the Houston-Galveston Area Council (H-GAC).

2. Facility Location

The proposed Legacy Green Keough Recycling Center will be a Type V Transfer Station occupying the entire 2.14-acres tract owned by LMA Exchange #2, LLC. The Facility is located within the extraterritorial jurisdiction of the City of Houston, at 9420 Keough Rd. The Legacy Green Keough Recycling Center public access entrance will be off of Gessner Rd. Access via Keough Rd will be restricted exclusively to staff and visitor vehicles.

The site location is shown on **Figures I-1 and I-2**. Additionally, an aerial photograph showing the site is provided as **Figure I-3**, and the general topographic map is included as **Figure I-4**. A Site Topographic Survey Map is presented on **Figure I-4B**.

The Facility is located on a property owned by LMA Exchange #2, LLC and operated by Legacy Green LLC. The mailing and physical address for the Facility is:

Legacy Green LLC
9420 Keough Road
Houston, Texas 77040

The geographic coordinates of the facility are:

Latitude (degrees, minutes seconds): 29° 52' 17.4"N
Longitude (degrees, minutes seconds): 95° 32' 24.72"W

3. Design Summary

The following information presents a summary of the design and operations for Legacy Green Keough Recycling Center:

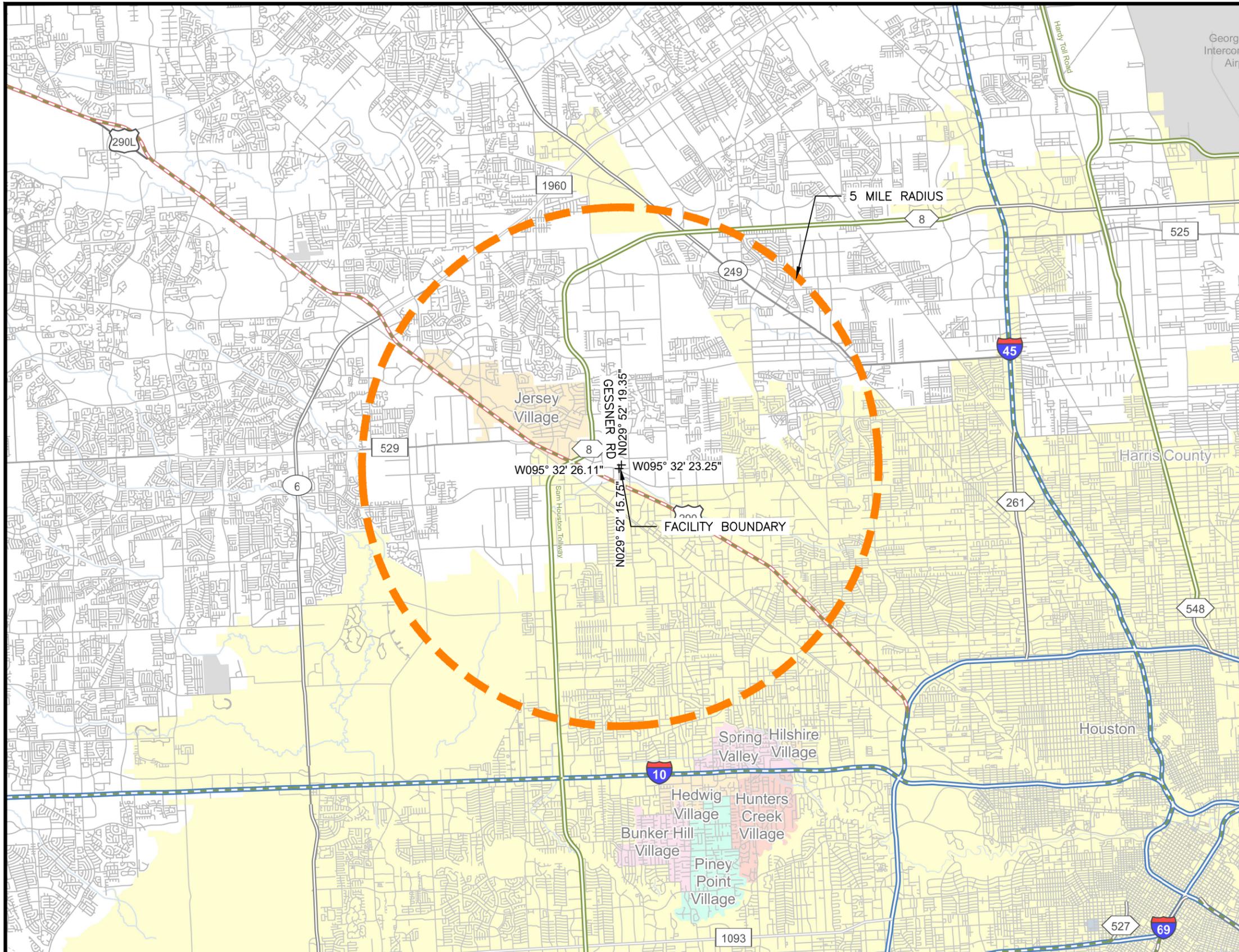
- The Facility will receive non-putrescible solid waste and source-separated recyclable materials, including construction and demolition debris and rubbish from municipal and commercial activities.
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**Type V Transfer Station Registration Application,
Attachment IIB-6,
Houston-Galveston Area Council (H-GAC)
*Legacy Green Keough Recycling Center***

ATTACHMENT 1 - FIGURES

- I-1 General Location Map
- I-2 Site Location Map
- I-3 2024 Aerial Photograph
- I-4A General Topographic Map
- I-4B Site Topographic Survey Map

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LEGEND

- FACILITY BOUNDARY
- FACILITY BOUNDARY OFFSET RADIUS

STATE OF TEXAS
 GARY RUSSELL HORWITZ
 48495
 INTENDED FOR PERMITTING PURPOSES ONLY
 01/26/26

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ISSUED FOR PERMITTING

REFERENCE(S)

1. BASE MAP TAKEN FROM TEXAS DEPARTMENT OF TRANSPORTATION, GREATER HOUSTON, DECEMBER 6, 2024; DELIVERED IN PDF [HTTPS://WWW.DOT.STATE.TX.US](https://www.dot.state.tx.us).



Title: GENERAL LOCATION MAP LEGACY GREEN KEOUGH RECYCLING CENTER HOUSTON, TEXAS			
Prepared for: LEGACY GREEN LLC			
	Compiled by: GRH	Date: 10/2025	FIGURE I-1
	Prepared by: FJJ	Scale: AS SHOWN	
	Project Mgr: ATN	Project: 5089.0001H000	
	File: LEGACY GREEN KEOUGH RECYCLING CENTER-FIGURE I-1-GENERAL LOCATION MAP.DWG		

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LEGEND

- FACILITY BOUNDARY
- FACILITY BOUNDARY OFFSET RADIUS



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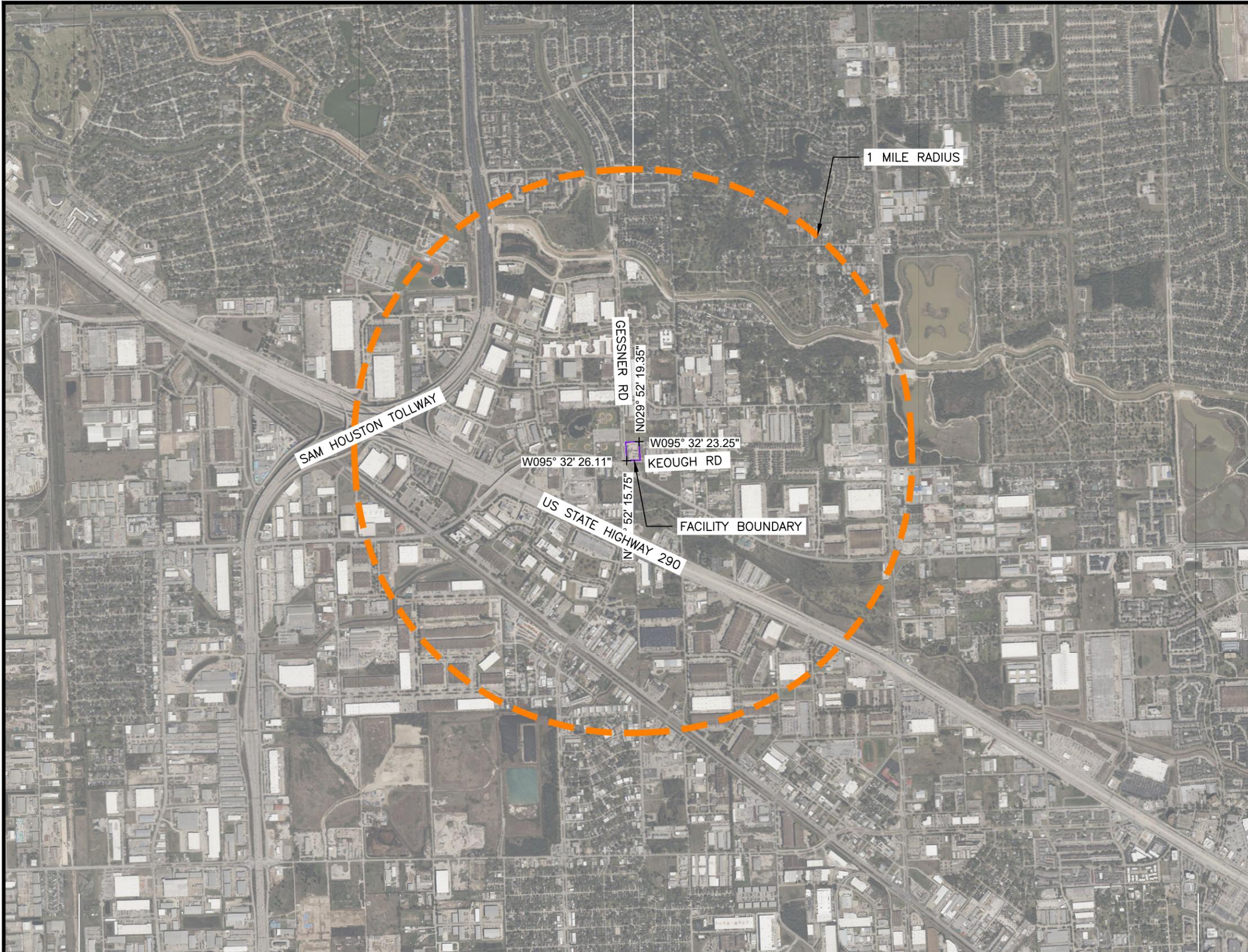
Title: SITE LOCATION MAP LEGACY GREEN KEOUGH RECYCLING CENTER HOUSTON, TEXAS			
Prepared for: LEGACY GREEN LLC			
	Compiled by: GRH	Date: 10/2025	FIGURE I-2
	Prepared by: FJJ	Scale: AS SHOWN	
	Project Mgr: ATN	Project: 5089.0001H000	
	File: LEGACY GREEN KEOUGH RECYCLING CENTER-FIGURE I-2-SITE LOCATION MAP.DWG		

REFERENCE(S)

1. BASE MAP TAKEN FROM TEXAS DEPARTMENT OF TRANSPORTATION, COUNTY MAPBOOK 2018, PAGE 1750; DELIVERED IN PDF [HTTPS://WWW.DOT.STATE.TX.US](https://www.dot.state.tx.us).



S:\CLIENTS\PROJECTS\LEGACY GREEN\TRANSFER STATION\CADD\PART I\LEGACY GREEN-KEOUGH RECYCLING CENTER-FIGURE I-3-2025 AERIAL PHOTOGRAPH.DWG



LEGEND

--- FACILITY BOUNDARY

--- FACILITY BOUNDARY OFFSET RADIUS

STATE OF TEXAS
GARY RUSSELL HORWATH
48495
INTENDED FOR PERMITTING PURPOSES ONLY 01/26/26



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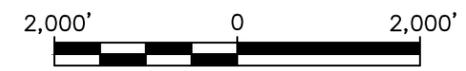
Title:
**2025 AERIAL PHOTOGRAPH
LEGACY GREEN KEOUGH
RECYCLING CENTER**
HOUSTON, TEXAS

Prepared for:
LEGACY GREEN LLC

	Compiled by: GRH	Date: 10/2025	FIGURE I-3
	Prepared by: FJJ	Scale: AS SHOWN	
	Project Mgr: ATN	Project: 5089.0001H000	
	File: LEGACY GREEN-KEOUGH RECYCLING CENTER-FIGURE I-3-2025 AERIAL PHOTOGRAPH.DWG		

REFERENCE(S)

1. BASE MAP TAKEN FROM © MICROSOFT CORPORATION © 2025 MAXAR CNES (2025) DISTRIBUTION AIRBUS DS © 2025 MICROSOFT BING.COM, ACCESSED OCTOBER 2025.



S:\CLIENTS\PROJECTS\LEGACY GREEN\TRANSFER STATION\CADD\PART I\LEGACY GREEN-KEOUGH RECYCLING CENTER-FIGURE I-4B-SITE TOPOGRAPHIC SURVEY MAP.DWG



LEGEND

- - - FACILITY BOUNDARY
- MAJOR CONTOUR LINE
- MINOR CONTOUR LINE
- 95 ELEVATION

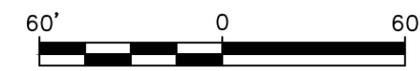
STATE OF TEXAS
 GARY RUSSELL HORWITZ
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REFERENCE(S)

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2. TOPOGRAPHY GENERATED FROM SITE SURVEY CONDUCTED ON SEPTEMBER 5, 2025 BY RODS, INC.



Title: SITE TOPOGRAPHIC SURVEY MAP LEGACY GREEN KEOUGH RECYCLING CENTER HOUSTON, TEXAS			
Prepared for: LEGACY GREEN LLC			
	Compiled by: GRH	Date: 11/2025	FIGURE I-4B
	Prepared by: FJJ	Scale: AS SHOWN	
	Project Mgr: ATN	Project: 5089.0001H000	
	File: LEGACY GREEN-KEOUGH RECYCLING CENTER-FIGURE I-4B-SITE TOPOGRAPHIC SURVEY MAP.DWG		

Type V Transfer Station Registration Application, Part II
Legacy Green Keough Transfer Station

ATTACHMENT IIB-7

Attachment IIB-7
Harris County Precinct 1

January 26, 2026

Rodney Ellis
Commissioner
Harris County Precinct 1
1001 Preston St
Houston, TX 77002
Phone: (713) 274-1000

Re: Harris County Precinct 1 Review
Legacy Green Keough Recycling Center
Type V Municipal Solid Waste
Registration Application
Legacy Green LLC
Harris County, Texas

Dear Mr. Ellis:

Roux Associates, Inc. ("Roux"), on behalf of Legacy Green LLC, is preparing a Registration Application ("RA") for the Legacy Green Keough Recycling Center ("Facility") Type V Municipal Solid Waste (MSW) for submittal to the Texas Commission on Environmental Quality (TCEQ) Permits Section, Waste Permits Division.

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In order to comply with the current Texas Administrative Code 30 TAC §330.61(p), we are requesting a review from the Harris County Precinct 1 for the development of the Facility and a subsequent rendering from the Harris County Precinct 1 that the development is consistent with policies and review criteria.

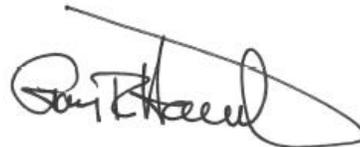
If further information or documentation is required, please call the undersigned at (281) 397-3805 or via email [REDACTED]

Sincerely,

ROUX ASSOCIATES, INC.



Annie Nguyen, P.E. (TX 140335)
Senior Engineer I



Gary Horwitch, P.E. (TX 48456)
Technical Director

Attachments: Attachment 1 – Project Summary and Site Location Maps

**Type V Transfer Station Registration Application,
Attachment IIB-7,
Harris County Precinct 1 Correspondence
*Legacy Green Keough Recycling Center***

ATTACHMENT 1

Attachment 1
Project Summary

1. Introduction

Legacy Green LLC is preparing a Registration Application (RA) to be submitted to the Texas Commission on Environmental Quality (TCEQ) Waste Permits Division for an operation of the Legacy Green Keough Recycling Center (“Facility” or “Site”), a Type V Transfer Station. The Facility is located within the extraterritorial jurisdiction of the City of Houston, Texas.

The proposed Legacy Green Keough Recycling Center will operate within a covered pre-engineered metal building where waste will be sorted for recyclable and reusable materials. The remaining unusable and non-recyclable materials will be loaded for disposal at an approved off-site TCEQ-permitted solid waste landfill within 50 miles of the Facility. Recyclables will be temporarily stockpiled inside the building pending shipment to recyclers. The Facility will accept waste from Harris County and the counties included in the Houston-Galveston Area Council (H-GAC).

2. Facility Location

The proposed Legacy Green Keough Recycling Center will be a Type V Transfer Station occupying the entire 2.14-acre tract owned by LMA Exchange #2, LLC. The Facility is located within the extraterritorial jurisdiction of the City of Houston, at 9420 Keough Rd. The Legacy Green Keough Recycling Center public access entrance will be off of Gessner Rd. Access via Keough Rd will be restricted exclusively to staff and visitor vehicles.

The site location is shown on **Figures I-1 and I-2**. Additionally, an aerial photograph showing the site is provided as **Figure I-3**, and the general topographic map is included as **Figure I-4**. A Site Topographic Survey Map is presented on **Figure I-4B**.

The Facility is located on a property owned by LMA Exchange #2, LLC and operated by Legacy Green LLC. The mailing and physical address for the Facility is:

Legacy Green LLC
9420 Keough Road
Houston, Texas 77040

The geographic coordinates of the facility are:

Latitude (degrees, minutes seconds): 29° 52' 17.4"N
Longitude (degrees, minutes seconds): 95° 32' 24.72"W

3. Design Summary

The following information presents a summary of the design and operations for Legacy Green Keough Recycling Center:

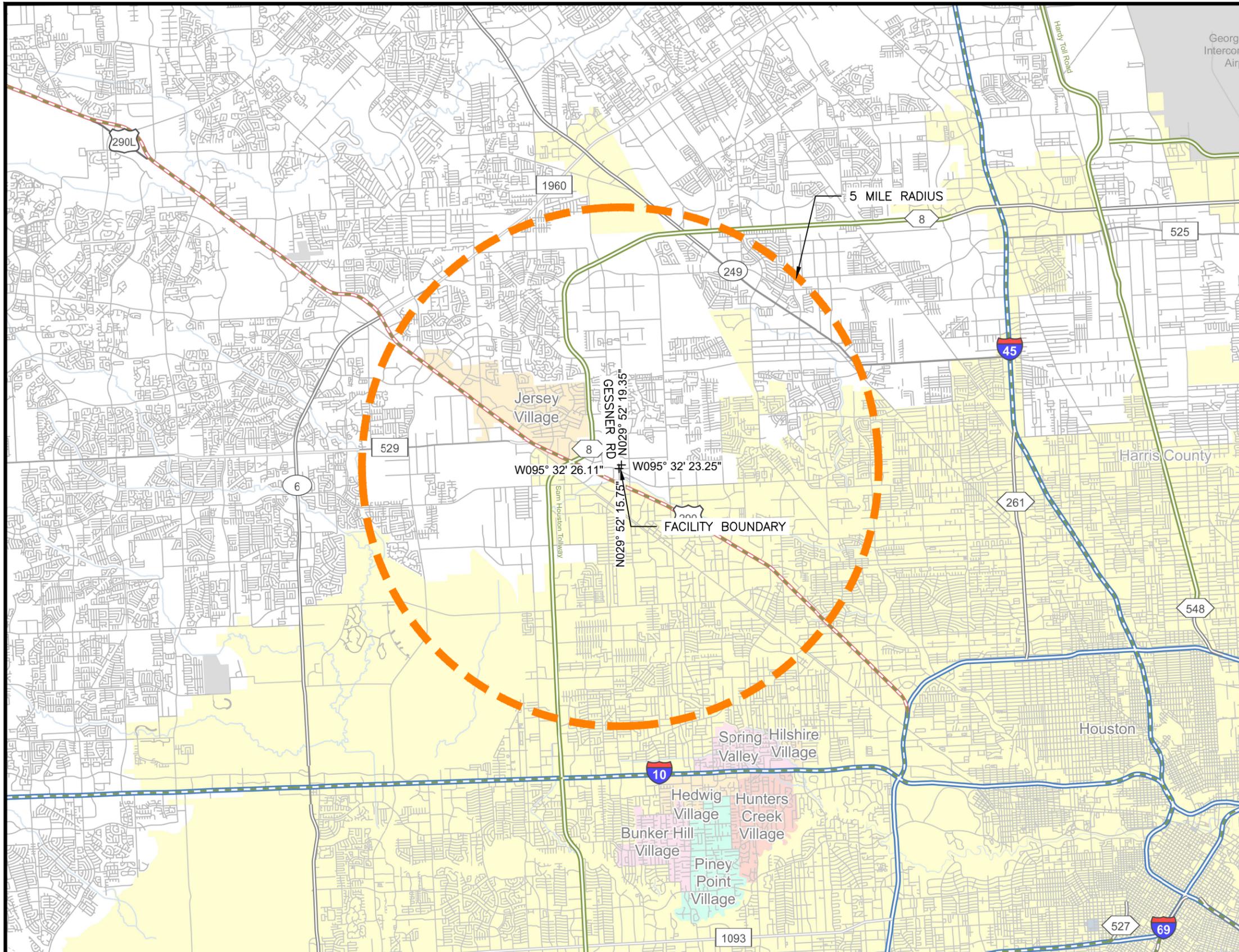
- The Facility will receive non-putrescible solid waste and source-separated recyclable materials, including construction and demolition debris and rubbish from municipal and commercial activities.
- The proposed maximum transfer capacity of the facility is 1,150 tons per day.
- The Facility will recover a minimum of 10% or more by weight of the incoming waste stream.
- The Facility will be open for waste acceptance 24 hours per day, 7 days per week.
- The Facility can be accessed by incoming and outgoing waste vehicles through the public access entrance will be off of Gessner Rd.
- Access via Keough Rd shall be restricted exclusively to staff and visitor vehicles.
- Incoming loads will be weighed and directed to the covered transfer station building / Waste Storage Processing Structure (WSPS). The non-putrescible solid waste will be manually sorted for recyclable and reusable materials. The Operator may choose to install an elevated picking line within the WSPS.
- The unusable/non-recyclable material will be loaded for disposal at an approved off-site TCEQ permitted solid waste landfill within 50 miles of the Facility. The recyclables will be temporarily stockpiled pending shipping to recyclers. No waste sorting or disposal operation will occur outside of the WSPS.
- Once approved by the TCEQ, the facility will be operated in accordance with the TCEQ-approved site operating plan. This plan includes procedures that govern day-to-day operations of the facility as well as routine inspections and housekeeping to ensure compliance with the TCEQ regulations. As part of the operations, litter, dust, and odor control measures and procedures will be implemented.
- Properly trained personnel will operate the Legacy Green Keough Recycling Center to effectively serve the community. A detailed Site Operating Plan (SOP) will be included in the RA. The SOP will detail the required equipment, personnel, and safety procedures required to operate the site in accordance with TCEQ regulations.

**Type V Transfer Station Registration Application,
Attachment IIB-7,
Harris County Precinct 1 Correspondence
*Legacy Green Keough Recycling Center***

ATTACHMENT 1 - FIGURES

- I-1 General Location Map
- I-2 Site Location Map
- I-3 2024 Aerial Photograph
- I-4A General Topographic Map
- I-4B Site Topographic Survey Map

S:\CLIENTS\PROJECTS\LEGACY GREEN\TRANSFER STATION\CADD\PART I\LEGACY GREEN\KEOUGH RECYCLING CENTER-FIGURE I-1-GENERAL LOCATION MAP.DWG



LEGEND

- FACILITY BOUNDARY
- FACILITY BOUNDARY OFFSET RADIUS

ISSUED FOR PERMITTING

Title: GENERAL LOCATION MAP LEGACY GREEN KEOUGH RECYCLING CENTER HOUSTON, TEXAS		
Prepared for: LEGACY GREEN LLC		
	Compiled by: GRH	Date: 10/2025
	Prepared by: FJJ	Scale: AS SHOWN
	Project Mgr: ATN	Project: 5089.0001H000
	File: LEGACY GREEN KEOUGH RECYCLING CENTER-FIGURE I-1-GENERAL LOCATION MAP.DWG	

REFERENCE(S)

1. BASE MAP TAKEN FROM TEXAS DEPARTMENT OF TRANSPORTATION, GREATER HOUSTON, DECEMBER 6, 2024; DELIVERED IN PDF [HTTPS://WWW.DOT.STATE.TX.US](https://www.dot.state.tx.us).

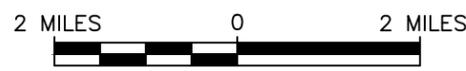


FIGURE
I-1

S:\CLIENTS\PROJECTS\LEGACY GREEN\TRANSFER STATION\CADD\PART I\LEGACY GREEN\KEOUGH RECYCLING CENTER-FIGURE I-2-SITE LOCATION MAP.DWG



LEGEND

- FACILITY BOUNDARY
- FACILITY BOUNDARY OFFSET RADIUS

INTENDED FOR PERMITTING PURPOSES ONLY



ISSUED FOR PERMITTING

Title: SITE LOCATION MAP LEGACY GREEN KEOUGH RECYCLING CENTER HOUSTON, TEXAS		
Prepared for: LEGACY GREEN LLC		
	Compiled by: GRH	Date: 10/2025
	Prepared by: FJJ	Scale: AS SHOWN
	Project Mgr: ATN	Project: 5089.0001H000
	File: LEGACY GREEN KEOUGH RECYCLING CENTER-FIGURE I-2-SITE LOCATION MAP.DWG	

- REFERENCE(S)**
- BASE MAP TAKEN FROM TEXAS DEPARTMENT OF TRANSPORTATION, COUNTY MAPBOOK 2018, PAGE 1750; DELIVERED IN PDF [HTTPS://WWW.DOT.STATE.TX.US](https://www.dot.state.tx.us).

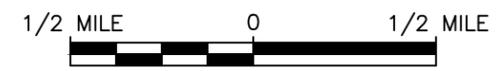
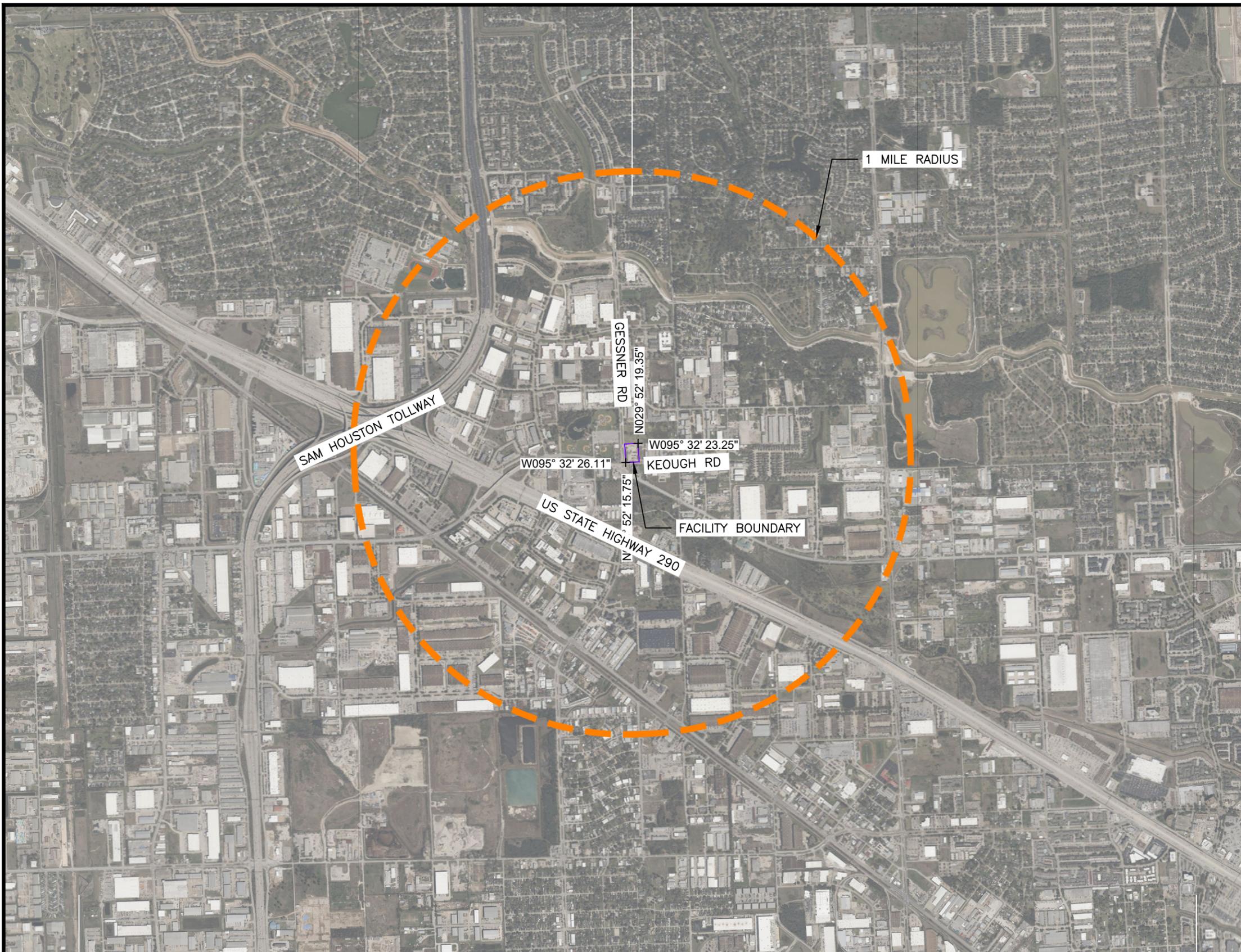


FIGURE
I-2

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LEGEND

--- FACILITY BOUNDARY

--- FACILITY BOUNDARY OFFSET RADIUS

STATE OF TEXAS
GARY RUSSELL HORWATH
48495
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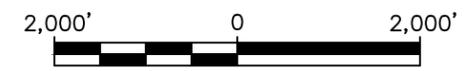


ISSUED FOR PERMITTING

Title: 2025 AERIAL PHOTOGRAPH LEGACY GREEN KEOUGH RECYCLING CENTER HOUSTON, TEXAS		
Prepared for: LEGACY GREEN LLC		
	Compiled by: GRH	Date: 10/2025
	Prepared by: FJJ	Scale: AS SHOWN
	Project Mgr: ATN	Project: 5089.0001H000
	File: LEGACY GREEN-KEOUGH RECYCLING CENTER-FIGURE I-3-2025 AERIAL PHOTOGRAPH.DWG	

REFERENCE(S)

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S:\CLIENTS\PROJECTS\LEGACY GREEN\TRANSFER STATION\CADD\PART I\LEGACY GREEN-KEOUGH RECYCLING CENTER-FIGURE I-4B-SITE TOPOGRAPHIC SURVEY MAP.DWG



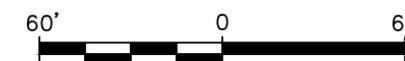
LEGEND

- ■ ■ ■ FACILITY BOUNDARY
- MAJOR CONTOUR LINE
- MINOR CONTOUR LINE
- 95 ELEVATION



REFERENCE(S)

1. BASE MAP TAKEN FROM © MICROSOFT CORPORATION © 2025 MAXAR CNES (2025) DISTRIBUTION AIRBUS DS © 2025 MICROSOFT BING.COM, ACCESSED OCTOBER 2025.
2. TOPOGRAPHY GENERATED FROM SITE SURVEY CONDUCTED ON SEPTEMBER 5, 2025 BY RODS, INC.



Title: SITE TOPOGRAPHIC SURVEY MAP LEGACY GREEN KEOUGH RECYCLING CENTER HOUSTON, TEXAS			
Prepared for: LEGACY GREEN LLC			
ROUX	Compiled by: GRH	Date: 11/2025	FIGURE I-4B
	Prepared by: FJJ	Scale: AS SHOWN	
	Project Mgr: ATN	Project: 5089.0001H000	
File: LEGACY GREEN-KEOUGH RECYCLING CENTER-FIGURE I-4B-SITE TOPOGRAPHIC SURVEY MAP.DWG			



Type V Transfer Station Registration Application, Part III Report

Legacy Green Keough Recycling Center
Houston, Harris County, Texas

Prepared for:

Legacy Green LLC
9420 Keough Rd
Houston, Texas 77040

Prepared by:

Roux Associates, Inc.
Texas Registered Engineering Firm F-13676
19450 State Highway 249, Suite 260
Houston, Texas 77070

INTENDED FOR PERMITTING PURPOSES ONLY

JANUARY 2026



Table of Contents

- 1. Introduction 1
 - 1.1 Site Location 1
 - 1.2 Land Use and Zoning 1
- 2. General Facility Design 30 TAC §330.63(b)..... 2
 - 2.1 Facility Access 30 TAC §330.63(b)(1)..... 2
 - 2.1.1 Access Control..... 2
 - 2.1.2 Adequacy of Access Roads and Highways 2
 - 2.2 Waste Movement 30 TAC §330.63(b)(2) 3
 - 2.2.1 Waste Flow Diagram 30 TAC §330.63(b)(2)(A) 3
 - 2.2.2 Schematic View Drawing 30 TAC §330.63(b)(2)(B)..... 3
 - 2.2.3 Ventilation and Odor Control Measures 30 TAC §330.63(b)(2)(C) 3
 - 2.2.4 Generalized Construction and Engineering Details 30 TAC §330.63(b)(2)(D)-(F) 3
 - 2.2.5 Storage of Grease, Oil, and Sludge 30 TAC §330.63(b)(2)(G) 4
 - 2.2.6 Disposition of Effluent 30 TAC §330.63(b)(2)(H)..... 4
 - 2.2.7 Noise Pollution Control 30 TAC §330.63(b)(2)(I) 4
 - 2.3 Sanitation..... 5
 - 2.3.1 Processing Areas Designed for Proper Cleaning and Surface Drainage Controls 30 TAC §330.63(b)(3)(A) 5
 - 2.3.2 Construction Material Used That Can Be Cleaned 30 TAC §330.63(b)(3)(B) 5
 - 2.3.3 Equipment for Cleaning with Water or Steam 30 TAC §330.63(b)(3)(C) 5
 - 2.3.4 Floor Drains and/or Sumps 30 TAC §330.63(b)(3)(D) 5
 - 2.3.5 Water Pollution Control- Description of Proper Disposal of Liquids Resulting from Waste Processing, Details for Treatment of Wastewater 30 TAC §330.63(b)(4) 5
 - 2.4 Endangered Species Protection 30 TAC §330.63(b)(5)..... 5
- 3. Surface Water Drainage Report 30 TAC §330.63(c)..... 6
 - 3.1 Drainage Analyses 30 TAC §330.63(c)(1)..... 6
 - 3.2 Flood Control and Analyses 30 TAC §330.63(c)(2) 6
- 4. Waste Management Unit Design 30 TAC §330.63(d) 7
 - 4.1 Storage and Transfer Units..... 7
 - 4.1.1 Efficient Waste Processing 30 TAC §330.63(d)(1)(A)..... 7
 - 4.1.2 Spill Containment 30 TAC §330.63(d)(1)(B) 7
 - 4.1.3 Maximum Storage Time 30 TAC §330.63(d)(1)(C) 7
- 5. Facility Closure 8
 - 5.1 Closure Plan 30 TAC §330.459..... 8
 - 5.2 Cost Estimate for Closure 30 TAC §330.505 8



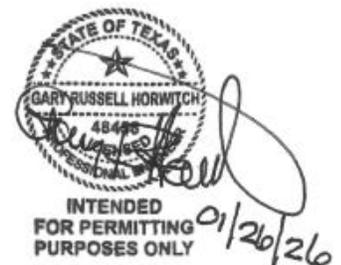
Table of Contents (Cont'd)

Figures

Figure III-1	General Process Flow Schematic
Figure III-2	Flow Chart
Figure III-3A	Detail of WSPS – Phase A
Figure III-3B	Details of WSPS – Phase B
Figure III-4	WSPS Sections and Details

Attachments

Attachment IIIA	Closure Plan
Attachment IIIB	Closure Cost Estimate
Attachment IIIC	Stormwater Drainage Calculations



1. Introduction

This **Part III Site Development Plan** (SDP) for the Legacy Green Recycling Center (“Facility or Site”) Registration Application has been developed in accordance with 30 TAC §330.63(a). This plan includes criteria in the design of the Facility that will provide for the safeguarding of the health, welfare, and physical property of the people and the environment through consideration of geology, soil conditions, drainage, land use, zoning, adequacy of access roads and highways, and other considerations for the Facility as dictated by the requirements of 30 TAC §330.63.

1.1 Site Location

The Facility is a proposed Type V Transfer Station that will occupy the entire 2.14-acre tract land owned by LMA EXCHANGE #2, LLC. The facility is located at 9420 Keough Rd, Houston, Texas. Access to the Legacy Green Recycling Center for incoming and outgoing waste vehicles will be provided via an entrance on Gessner Rd. Access to the Facility via Keough Rd will be restricted exclusively to staff and visitor vehicles. The site location is shown on **Figures I-1 and I-2**. An aerial photograph showing the existing site is provided as **Figure I-3**.

The Facility is located on a property owned by LMA EXCHANGE #2, LLC and operated by Legacy Green LLC (“Legacy Green”). The mailing and physical address for the Facility property is:

Legacy Green LLC
9420 Keough Rd
Houston, Texas 77040

1.2 Land Use and Zoning

A land use analysis was performed for the Facility within a one-mile radius of the registration boundary. The majority of the surrounding area within a one-mile radius of the Facility registration boundary is industrial. The next largest component of land use is residential. A Land Use Map is provided in **Figure II-7**. A detailed analysis of the specific use breakdown is included in **Part II** of this application.

The Facility is located within the extraterritorial jurisdiction (ETJ) of the City of Houston in an unincorporated area of Harris County, Texas. Since the property is located in an unincorporated area of Harris County, there are no zoning restrictions. The Facility has no restrictive covenants or land use restrictions in effect for the Facility location.

2. General Facility Design 30 TAC §330.63(b)

The general Facility design has been developed in accordance with 30 TAC §330.63(b) and is discussed in the following sections. The general Facility design includes descriptions of Facility access, waste movement, sanitation, water pollution control, and endangered species protection. The section of the SDP also includes a waste flow diagram and a schematic of waste processing and storage areas.

2.1 Facility Access 30 TAC §330.63(b)(1)

Access to the Legacy Green Recycling Center for incoming and outgoing waste vehicles is provided through the site entrance on Gessner Rd, as shown in **Figure II-15**, Site Development Plan – Proposed Site Layout. Access via Keough Rd will be restricted exclusively to staff and visitor vehicles. **Figure II-5**, Major Access Roadway within 1 Mile of the Facility, illustrates the primary transportation routes surrounding the site. Within a one-mile radius, the major access roads include U.S. Highway 290 (State Highway 290), Sam Houston Tollway (Beltway 8), Gessner Rd, and W Little York Rd.

2.1.1 Access Control

The Legacy Green Recycling Center will limit access to the Facility by maintaining the perimeter fencing registration boundary. All incoming waste vehicles, including transfer trailers, collection vehicles, and self-haul vehicles, will enter the site through the proposed entrance lockable gate located off Gessner Rd.

After entering the facility, incoming transfer vehicles will circulate around the Waste Storage Processing Structure (WSPS) and stop at the scale for weighing before proceeding to the at-grade unloading bay on the west end of the WSPS to unload. Once unloaded, transfer vehicles will exit the facility and return to Gessner Rd.

Outgoing transport vehicles carrying recyclable and non-recyclable materials will proceed through the transfer loading area on the eastern side of the WSPS for loading, stop at the scale for weighing, and then exit via Gessner Rd.

During operation hours, the site entrance gates will be continuously monitored by site personnel to prevent any unauthorized entry to the Facility. Entry to the transfer station will be restricted to designated personnel, approved waste haulers, TCEQ personnel, Harris County personnel, City of Houston personnel, and other individuals authorized by site management.

A conspicuous sign measuring a minimum of four feet by four feet will be maintained at the public entrance to the Facility. The sign states, in letters at least three inches high, the name of the site, type of site, the registration number issued by the TCEQ, hours and days of operation, an emergency 24-hour contact phone number(s), and the local emergency fire department phone number. The sign is visible and readable from the Facility entrance.

2.1.2 Adequacy of Access Roads and Highways

A more detailed traffic and road adequacy analysis is included in **Part II, Section 2.3**. In accordance with 30 TAC §330.61(i)(4), TxDOT was contacted for any traffic or location restrictions which may apply to the proposed facility. Copies of the related correspondence are included in **Part II, Attachment IIB-1**.

2.2 Waste Movement 30 TAC §330.63(b)(2)

Figure III-1, General Process Flow Schematic illustrates a generalized process design and working plan of the overall Facility. The Transfer Station will handle up to 1,150 tons per day (TPD) of solid waste and recyclables. Phase A will be constructed first, followed by Phase B upon market conditions. The TCEQ will inspect and approve Phase B prior to usage for solid waste operations.

In general, waste will enter on the western side of the WSPS and be unloaded onto the tipping floor. The waste will be sorted, with recyclable materials removed and placed in covered roll-off boxes to be stored in the southern side of the WSPS. Non-recyclable materials will be repacked into roll-off boxes dumpsters, or trailers and will then be transported by trucks using the transfer loading area on the eastern side of the WSPS. The non-recyclable wastes will then be transported off-site and disposed of at a TCEQ approved waste disposal facility within 50 miles from the Facility. The types of waste accepted at the Facility are discussed in detail in the **Part II** of this application.

2.2.1 Waste Flow Diagram 30 TAC §330.63(b)(2)(A)

Figure III-2, Flow Chart, developed in accordance with §330.63(b)(2)(A), is a flow diagram illustrating storage, processing, and disposal sequences for the types of waste accepted.

2.2.2 Schematic View Drawing 30 TAC §330.63(b)(2)(B)

Figure III-1, developed in accordance with §330.63(b)(2)(B), is a schematic view showing the various phases of collection, separation, and processing for the types of waste accepted at the facility.

2.2.3 Ventilation and Odor Control Measures 30 TAC §330.63(b)(2)(C)

Ventilation will be provided in the transfer station building using either power roof ventilators or wall-mounted fans for both odor control and employee safety. Excessive dust and particulates that occur in the building will be controlled using water sprays, mist systems, or similar methods. Since the facility retains over 1,000 tons of waste overnight, an exhaust fan with a minimum capacity of 45,000 cubic feet per minute, located at least 16 feet above ground level, will be installed on the roof of the WSPS in accordance with 30 TAC §106.534 (7)(B).

A minimum 50-foot buffer will be provided between the transfer building and the Facility boundaries to prevent nuisance odors from leaving the boundary of the Facility. If, at any time, nuisance odors are found to be passing the Facility boundary, the operator will employ and properly maintain/operate odor control equipment. The Facility may be required to suspend operations until the nuisance has been properly abated. Solid waste processing operations will be conducted within the covered WSPS to prevent nuisance odors from developing outside. The on-site drainage structures will be maintained to prevent accumulation outside of required detention, and thus minimize any nuisance odors associated with stagnant water.

2.2.4 Generalized Construction and Engineering Details 30 TAC §330.63(b)(2)(D)-(F)

The Facility property is comprised of a recycling building (WSPS), a transfer loading area, a scale and a scale house, office trailer, and gated entrance and exit. **Figures III-3A and 3-B**, Detail of WSPS – Phase A and Detail of WSPS – Phase B, present schematics of the WSPS in Phases A and B. The WSPS will be an 80 by 180-foot, on-slab, pre-engineered metal building with open sides. Phase A and the loading area will be constructed initially, with Phase B to follow based on market conditions. The TCEQ will inspect and approve

Phase B prior to usage for solid waste operations. Legacy Green can install side sheeting on WSPS as deemed necessary.

The floor slab will be a minimum of 12 inches of reinforced concrete. The floor of the WSPS will be sloped at approximately one half of a percent toward two sumps located on the northern and southern sides of the WSPS to facilitate draining of liquids (if present) and cleaning of WSPS. If the sumps require emptying, they will be accomplished via a vacuum truck, or similar equipment.

The 80 by 180 by 38-foot-high metal WSPS will be provided by a steel building manufacturer. The sections and details of this building are included in **Figures III-4**, WSPS Sections and Details. The building components are designed in accordance with the local requirements and will be approved prior to the construction of the Facility. The building is open on four sides with an approximate eave height of 38 feet.

The western side will have approximately one-foot-tall asphalt secondary containment berm running along the boundary of the WSPS. Three other sides of the WSPS wall will be composed of a two-foot-high retaining concrete wall. The retaining wall in the center of WSPS will be constructed as part of Phase A and will be removed when Phase B is constructed.

The western and eastern sides will consist of at-grade unloading bays for incoming waste and outgoing waste loading areas. The WSPS is a covered structure prohibiting stormwater collection in the waste processing area. At any point in its active life, the maximum amount of unprocessed materials that may be stored on-site at the on the tipping floor is 4,600 CY or 1,150 tons. The maximum rate of materials receipt at any time is 1,150 TPD. The transfer loading area on the eastern side of the WSPS will have an extended roof to prevent accumulation of stormwater run-off. Any wastes stored outdoor will occur in covered roll-off boxes.

2.2.5 Storage of Grease, Oil, and Sludge 30 TAC §330.63(b)(2)(G)

The Facility will not accept or store grease, oil, or sludge, therefore the requirements of §330.63(b)(2)(G) do not apply.

2.2.6 Disposition of Effluent 30 TAC §330.63(b)(2)(H)

Effluent from washing of the waste loading or waste processing areas will be collected from the on-site sumps located inside the WSPS via a vacuum truck, or other similar equipment. The liquids will be disposed of at a TCEQ authorized facility.

2.2.7 Noise Pollution Control 30 TAC §330.63(b)(2)(I)

Noise pollution is controlled at the facility by the strategic placement of the WSPS in an area that is located at least 650 feet from the nearest residential structure. For additional noise reduction and screening, there is a buffer zone between the building and the registration boundary. The buffer is approximately 50 feet. Therefore, noise pollution to adjacent landowners has been minimized by the site features and locations on the property.

2.3 Sanitation

2.3.1 Processing Areas Designed for Proper Cleaning and Surface Drainage Controls

30 TAC §330.63(b)(3)(A)

The Facility will be designed to facilitate proper cleaning. Unprocessed waste will only be handled inside the WSPS, on the tipping floor of the recycling building, which is contained by asphalt berm and retaining wall. The surface of the tipping floor is concrete so that the floor can be hosed down and scrubbed for sanitation. The tipping floor is graded so that the wash water flows toward floor drains for collection and removal.

2.3.2 Construction Material Used That Can Be Cleaned 30 TAC §330.63(b)(3)(B)

The WSPS building is composed of metal and the floor composed of concrete, both of which can be easily cleaned utilizing a high-pressure washer.

2.3.3 Equipment for Cleaning with Water or Steam 30 TAC §330.63(b)(3)(C)

A high-pressure washer will be staged at the Facility or rented on a necessary basis for cleaning purposes.

2.3.4 Floor Drains and/or Sumps 30 TAC §330.63(b)(3)(D)

Two sumps will be constructed within the WSPS: one on the north side of WSPS and another on the south side of WSPS of the tipping floor. Sumps will be constructed of concrete with the approximate dimensions of 3 feet by 3 feet by 1.5 feet and covered with grate. The details of drainage trenches and sumps are presented in **Figure III-3**, Detail of Processing Area Structure.

2.3.5 Water Pollution Control- Description of Proper Disposal of Liquids Resulting from Waste Processing, Details for Treatment of Wastewater 30 TAC §330.63(b)(4)

No wastewater treatment will occur at the Facility. If wastewater is generated as the result of waste processing, it will be collected in two sumps located within the WSPS and collected via a vacuum truck or similar equipment. The liquids will be disposed of off-site to the TCEQ permitted Wastewater Treatment Plant. Records will be maintained for any such occurrences for a minimum of three years.

2.4 Endangered Species Protection 30 TAC §330.63(b)(5)

A threatened and endangered species assessment was conducted for the proposed registration application. The objective of the assessment was to evaluate the potential for the existence of species and/or their habitat that are considered protected under the Endangered Species Act of 1973 and subsequent amendments and listings in accordance with the requirements of 30 TAC §330.61(n). Given the prior development of this property and the review of available records, the proposed Transfer Station will not result in the destruction or adverse modification of the critical habit of endangered or threatened species, or cause or contribute to the taking of any endangered or threatened species. **Part II, Attachment IIB-4** includes coordination with the Texas Parks and Wildlife Department (TPWD) concerning endangered or threatened species or their habitats.

3. Surface Water Drainage Report 30 TAC §330.63(c)

The Facility will be designed, constructed, and operated to comply with the requirements of §330.63(c). The drainage and floodplain criteria applicable to the proposed Facility are summarized in the following sections.

3.1 Drainage Analyses 30 TAC §330.63(c)(1)

The Facility's design manages run-on and runoff during the peak discharge of the 25-year, 24-hour stormwater event rainfall event and prevents the off-site discharge of waste and feedstock material, including, but not limited to, in-process and/or processed materials. Surface water drainage in and around the facility is controlled to minimize surface water running onto, into, and off the treatment area. The stormwater drainage calculation is included in **Attachment IIIC**.

3.2 Flood Control and Analyses 30 TAC §330.63(c)(2)

The Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM) that includes the site area (Harris County, Texas, Map Numbers 48201C0635M and 48201C0445M, effective date June 9, 2014) was reviewed and included in **Figure II-13**, FEMA Flood Insurance Rate Map. The figure shows the boundary of the proposed Facility registration on the FIRM.

The FIRM indicates that the Facility registration boundary is outside of the 100-year floodplain. Therefore, no additional floodplain information is required to be provided nor is a floodplain construction permit required.

4. Waste Management Unit Design 30 TAC §330.63(d)

Rules §330.63(d)(2), (3), (4), (5), (6), (7), and (9) pertaining to incineration units, surface impoundments, landfill units, arid exemption landfill application, Type V mobile liquid waste processing units, Type IX waste processing units, and Type VI waste processing demonstration facilities, respectively, are not applicable for the Facility. Legacy Green Recycling Center is a Type V Recycling and Recovery unit.

4.1 Storage and Transfer Units

4.1.1 Efficient Waste Processing 30 TAC §330.63(d)(1)(A)

No nuisance odors, fly breeding areas, or disease vectors are thought to be created by the Facility due to facility design and the nature of the wastes accepted, and the limited time the waste will be stored at the Facility. All solid waste capable of creating public health hazards or nuisances will be processed or transferred promptly and shall not be allowed to result in nuisances or public health hazards.

4.1.2 Spill Containment 30 TAC §330.63(d)(1)(B)

Liquid wastes are not accepted at the Facility and waste material storage and processing will occur in the WSPS to prevent run-on to the process area. Water used in dust suppression and cleaning will be collected in the sumps as described above. This water will be collected via a vacuum truck for off-site disposal at a TCEQ approved waste management facility. As such this section is not applicable.

4.1.3 Maximum Storage Time 30 TAC §330.63(d)(1)(C)

The solid waste may be temporarily stored at the Facility for a period not to exceed 72 hours, including holidays and weekends provided that the maximum storage volume does not exceed 1,150 CY at any time. The average length of time that solid waste remains on-site will be 24 hours. If stored, the municipal solid waste will be in the building or in a securely covered transfer trailer, so as not to attract vectors and cause odors.

5. Facility Closure

5.1 Closure Plan 30 TAC §330.459

The Facility's Closure Plan, compliant with 30 TAC §330.449, outlines the procedures for waste removal from storage, processing units, contaminated water systems, and tipping areas. It details the complete removal of waste and the decontamination of the storage and processing units. All waste materials on-site will be transported and disposed of at a TCEQ-approved facility. Decontamination of the Facility will be conducted using a steam washer, with the full plan provided in **Attachment IIIA**, Closure Plan.

Post-closure maintenance is not required by the current TCEQ rules.

5.2 Cost Estimate for Closure 30 TAC §330.505

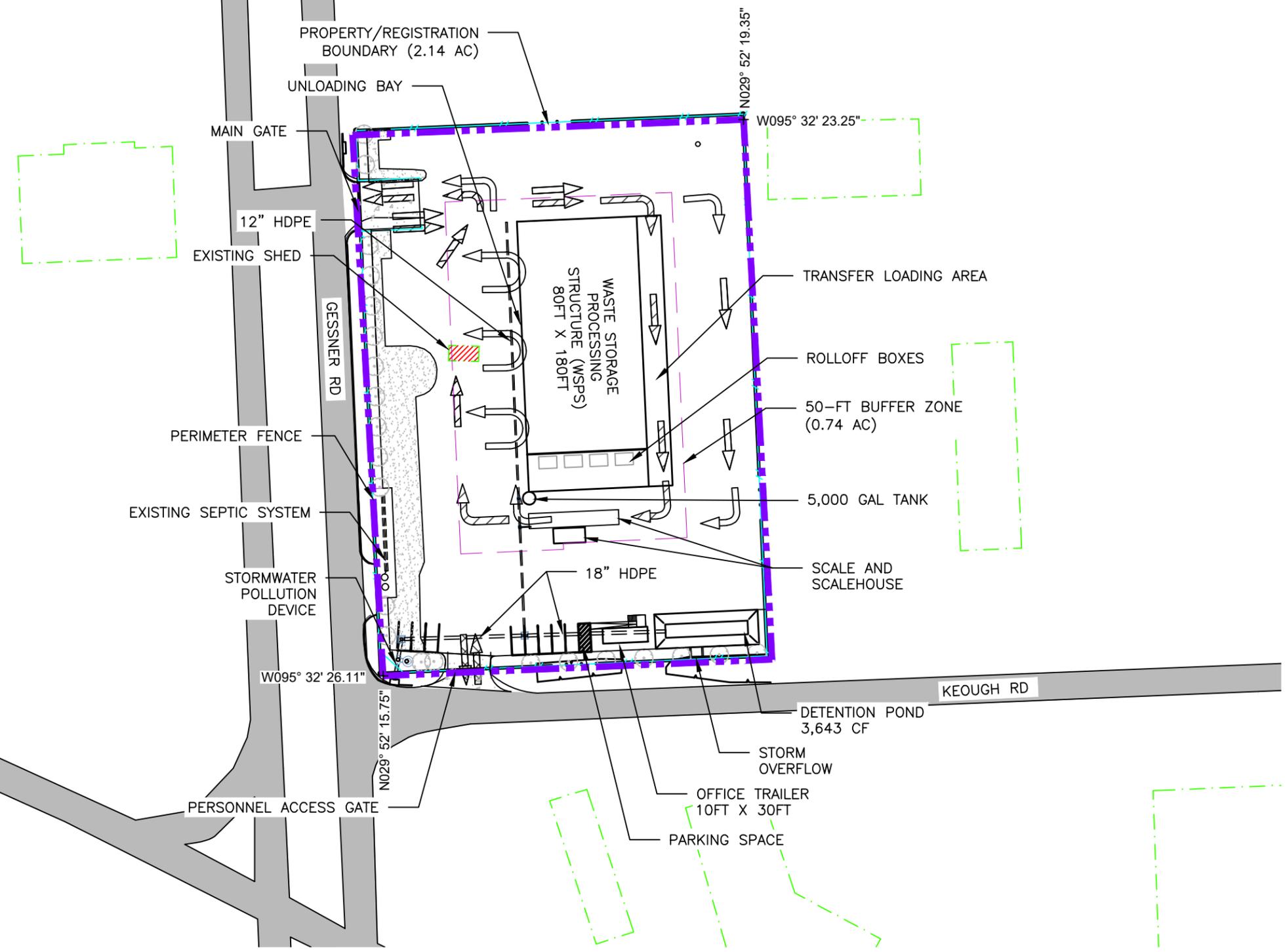
Closure Cost Estimates have been prepared in accordance with 30 TAC §330.505 and documentation required to demonstrate financial assurance as specified in 30 TAC §330.63(j), included as **Attachment IIIB**, Closure Cost Estimate.

The estimated cost for closure is **\$214,940.00** in 2026 dollars. To be conservative, this value was evaluated for the total cost of closure for both Phase A and Phase B.

At any point in its active life, the maximum amount of unprocessed materials (i.e. wastes) that may be temporarily stored on-site at the Facility is 4,600 CY or 1,150 tons. A calculation of the engineering costs associated with the closure of the Facility is included in **Attachment IIIB**. The Facility will be decontaminated using a steam washer. No dismantling of the concrete pad or drainage structures will be conducted at closure. No changes to the site elevations at closure will occur and that will affect the final contour map.

- III-1 General Process Flow Schematic
- III-2 Flow Chart
- III-3A Detail of WSPS – Phase A
- III-3B Detail of WSPS –Phase B
- III-4 WSPS Sections and Details

S:\CLIENTS\PROJECTS\LEGACY GREEN\TRANSFER STATION\CADD\PART III\LEGACY GREEN-KEOUGH RECYCLING CENTER-FIGURE III-1 GENERAL PROCESS FLOW SCHEMATIC.DWG



- LEGEND**
- PROPERTY/REGISTRATION BOUNDARY
 - PERIMETER FENCE
 - EXISTING STRUCTURES
 - EXISTING STRUCTURES TO BE REMOVED
 - PROPOSED STRUCTURES
 - EXISTING ROADSIDE DITCH
 - 50-FT BUFFER ZONE
 - HDPE PIPE
 - LANDSCAPE BUFFER ZONE
 - GRAVEL AREA
 - INCOMING WASTE VEHICLE
 - OUTGOING WASTE VEHICLE
 - STAFF AND VISITOR VEHICLE

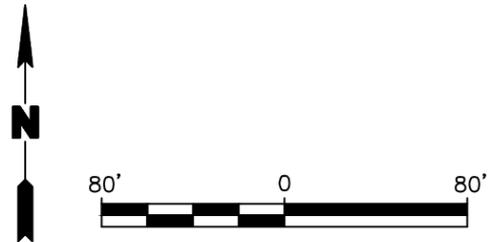
STATE OF TEXAS
 GARY RUSSELL HORWITZ
 48496
 INTENDED FOR PERMITTING PURPOSES ONLY
 01/26/26

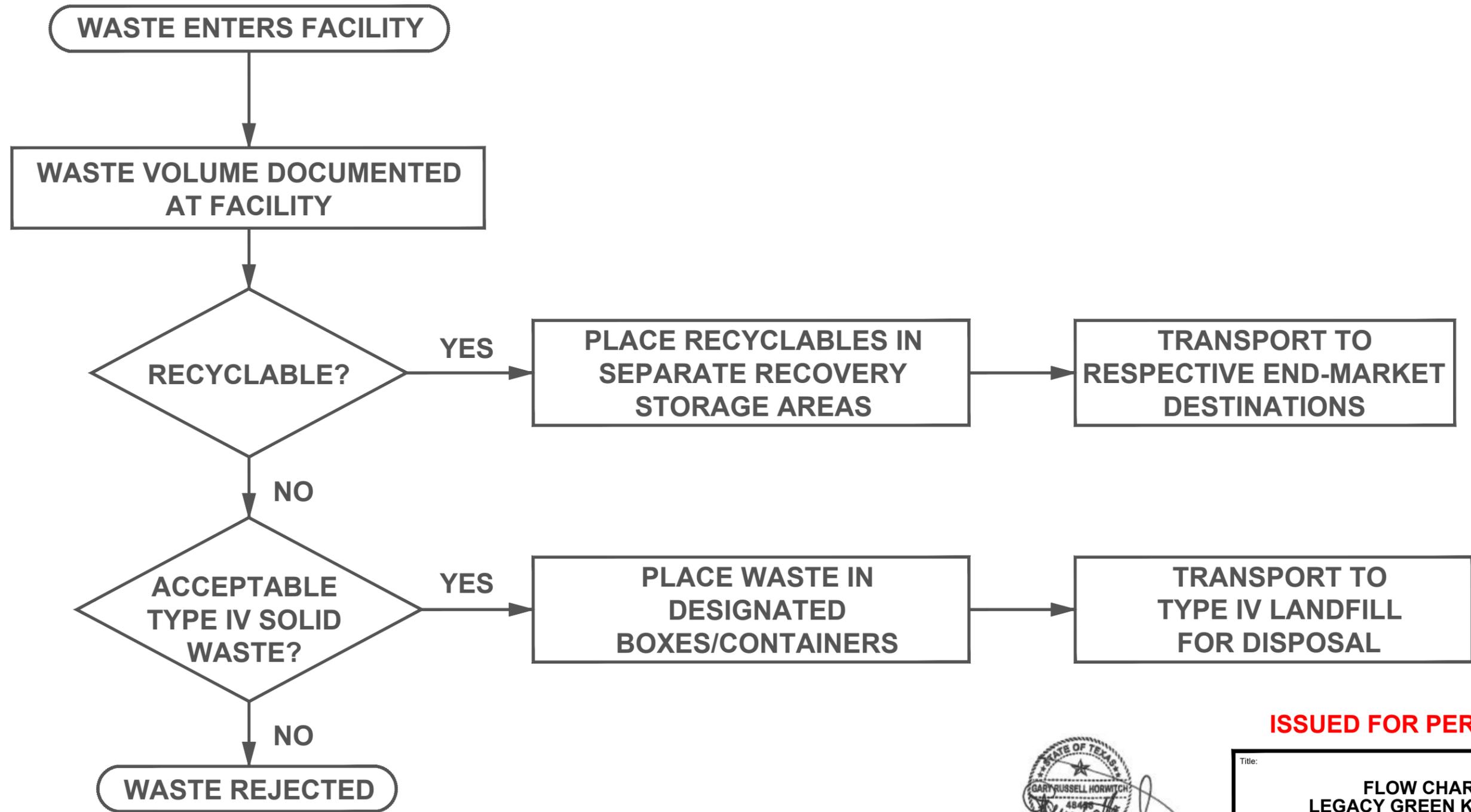
ISSUED FOR PERMITTING

Title: **GENERAL PROCESS FLOW SCHEMATIC
 LEGACY GREEN KEOUGH RECYCLING CENTER**
 HOUSTON, TEXAS

Prepared for: LEGACY GREEN

	Compiled by: GRH	Date: 11/2025	FIGURE III-1
	Prepared by: FJJ	Scale: AS SHOWN	
	Project Mgr: ATN	Project: 5089.0001H000	
	File: LEGACY GREEN-KEOUGH RECYCLING CENTER-FIGURE III-1 GENERAL PROCESS FLOW SCHEMATIC.DWG		



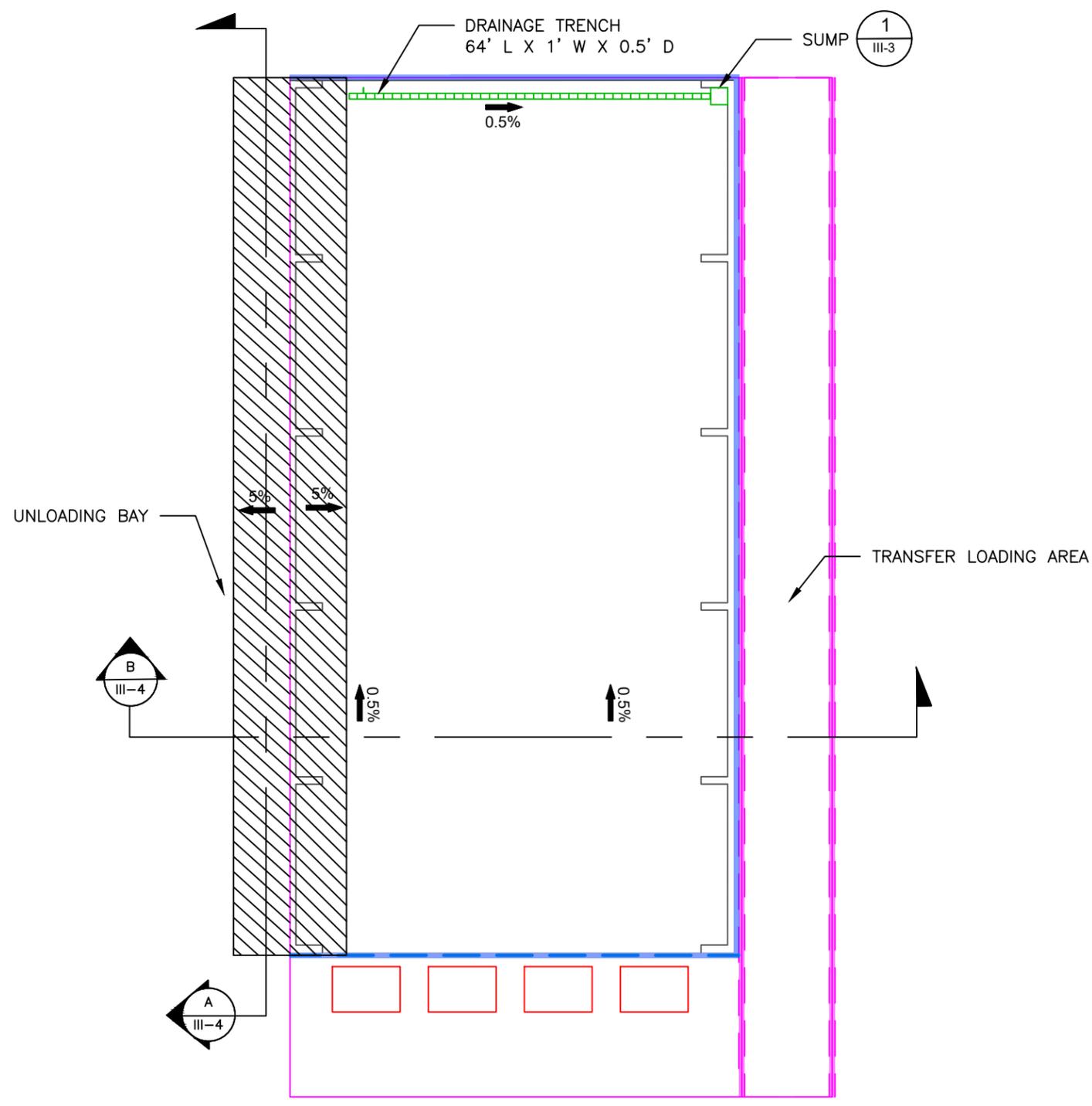


ISSUED FOR PERMITTING



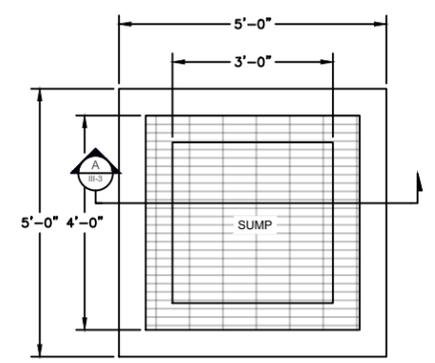
Title: FLOW CHART LEGACY GREEN KEOUGH RECYCLING CENTER HOUSTON, TEXAS			
Prepared for: LEGACY GREEN LLC			
	Compiled by: GRH	Date: 11/2025	FIGURE III-2
	Prepared by: FJJ	Scale: AS SHOWN	
	Project Mgr: ATN	Project: 5089.0001H000	
	File: LEGACY GREEN KEOUGH RECYCLING CENTER-FIGURE III-2-FLOW CHART.DWG		

S:\CLIENTS\PROJECTS\LEGACY GREEN\TRANSFER STATION\CADD\PART III\LEGACY GREEN-KEOUGH RECYCLING CENTER-FIGURE III-3A WSPS DETAIL - PHASE A.DWG

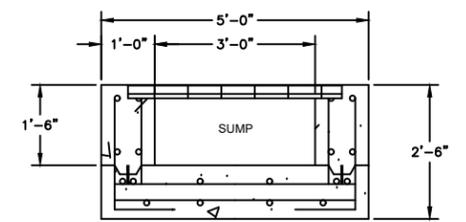


LEGEND

	STEEL COLUMNS/SIDING
	TRANSFER LOADING AREA
	PHASE DIVISION LINE
	DRAINAGE TRENCH
	DRAIN TO TRENCH
	ASPHALT BERM
	WSPS RETAINING WALL
	TRANSFER LOADING AREA RETAINING WALL
	RECYCLABLE MATERIALS ROLL-OFF BOXES



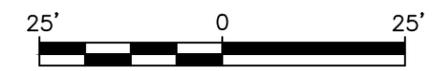
SCALE 1"=3' **1** SUMP PLAN III-3



SCALE 1"=3' **A** SUMP CROSS SECTION III-3

NOTES

1. PHASE A AND TRANSFER LOADING AREA WILL BE CONSTRUCTED INITIALLY, WITH PHASE B TO FOLLOW BASED ON MARKED CONDITIONS.
2. LEGACY GREEN CAN INSTALL SIDE SHEETING ON WSPS AS DEEMED NECESSARY.
3. RETAINING WALL IN THE CENTER OF WSPS WILL BE CONSTRUCTED AS PART OF PHASE A AND WILL BE REMOVED WHEN PHASE B IS CONSTRUCTED.

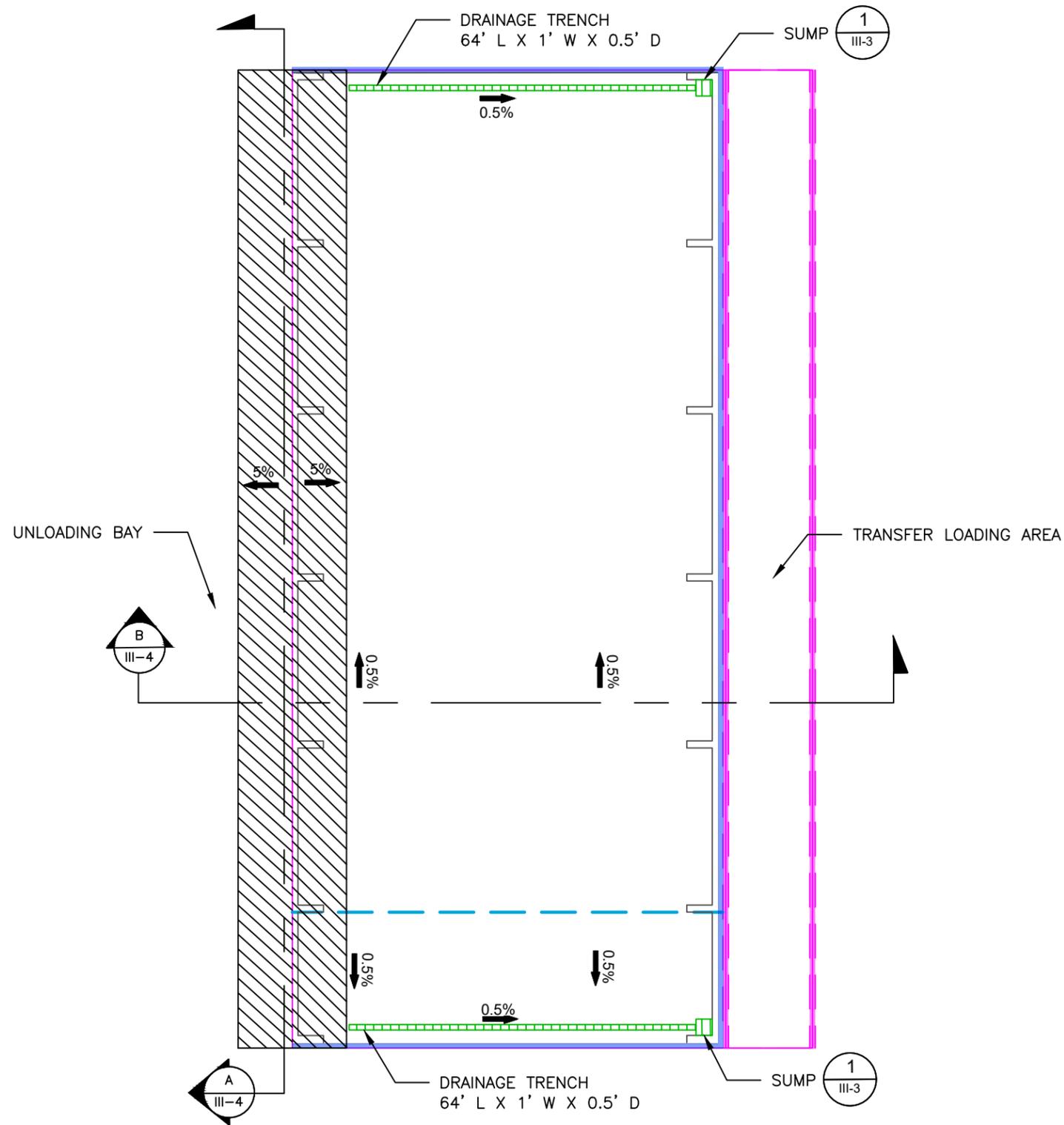


ISSUED FOR PERMITTING

Title: WSPS DETAIL - PHASE A LEGACY GREEN KEOUGH RECYCLING CENTER HOUSTON, TEXAS		
Prepared for: LEGACY GREEN LLC		
	Compiled by: GRH	Date: 11/2025
	Prepared by: FJJ	Scale: AS SHOWN
	Project Mgr: ATN	Project: 5089.0001H000
	File: LEGACY GREEN-KEOUGH RECYCLING CENTER-FIGURE III-3A WSPS DETAIL - PHASE A.DWG	

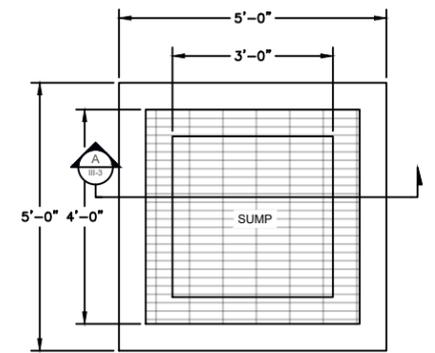
FIGURE
III-3A

S:\CLIENTS\PROJECTS\LEGACY GREEN\TRANSFER STATION\CADD\PART III\LEGACY GREEN-KEOUGH RECYCLING CENTER-FIGURE III-3B WSPS DETAIL - PHASE B.DWG

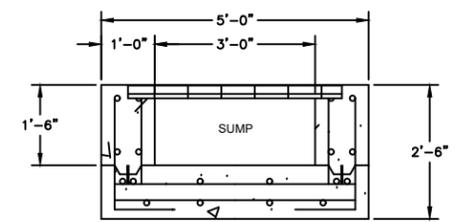


LEGEND

	STEEL COLUMNS/SIDING
	TRANSFER LOADING AREA
	PHASE DIVISION LINE
	DRAINAGE TRENCH
	DRAIN TO TRENCH
	ASPHALT BERM
	WSPS RETAINING WALL
	TRANSFER LOADING AREA RETAINING WALL
	RECYCLABLE MATERIALS ROLL-OFF BOXES



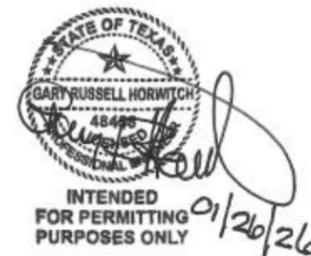
SCALE 1"=3' **1** SUMP PLAN
III-3



SCALE 1"=3' **A** SUMP CROSS SECTION
III-3

NOTES

1. PHASE A AND TRANSFER LOADING AREA WILL BE CONSTRUCTED INITIALLY, WITH PHASE B TO FOLLOW BASED ON MARKET CONDITIONS.
2. LEGACY GREEN CAN INSTALL SIDE SHEETING ON WSPS AS DEEMED NECESSARY.
3. RETAINING WALL IN THE CENTER OF WSPS WILL BE CONSTRUCTED AS PART OF PHASE A AND WILL BE REMOVED WHEN PHASE B IS CONSTRUCTED.

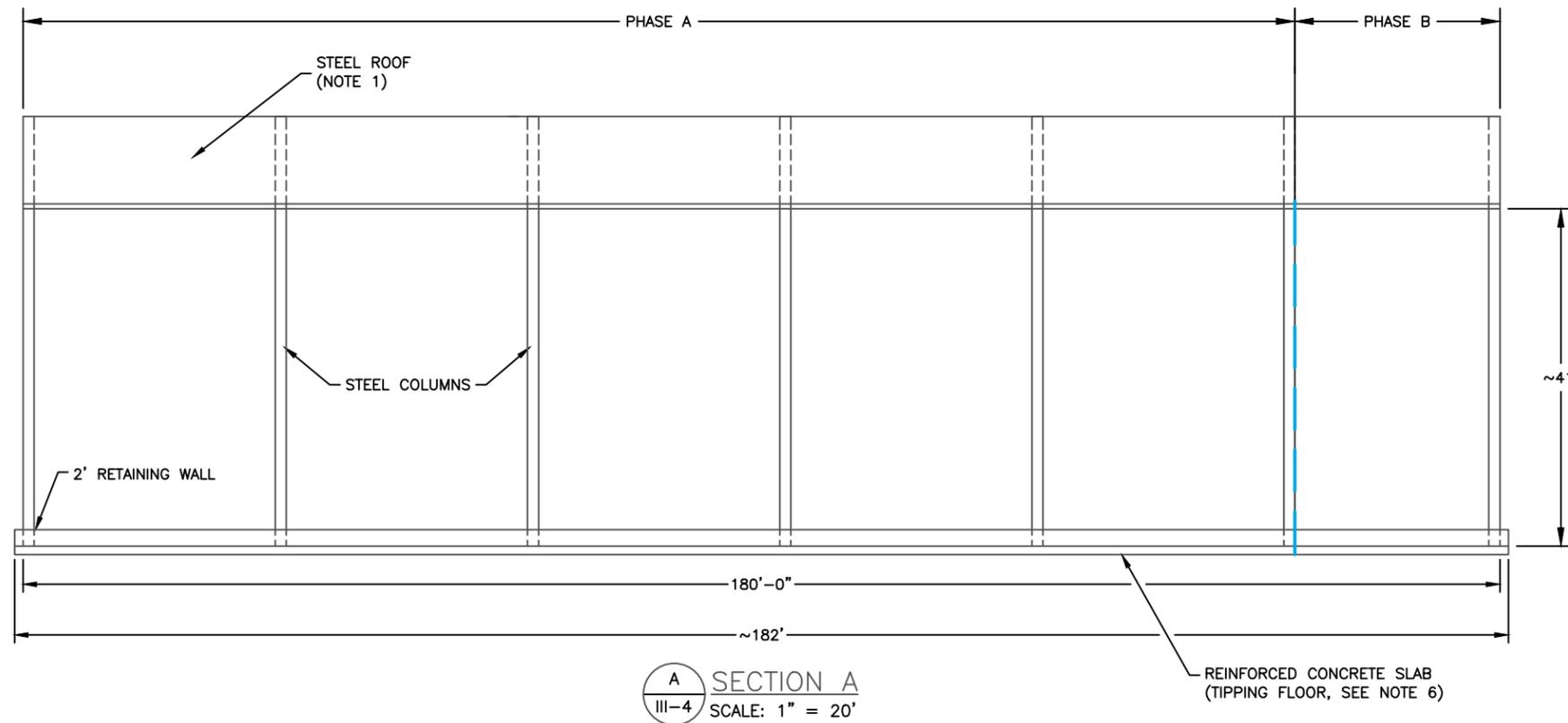


ISSUED FOR PERMITTING

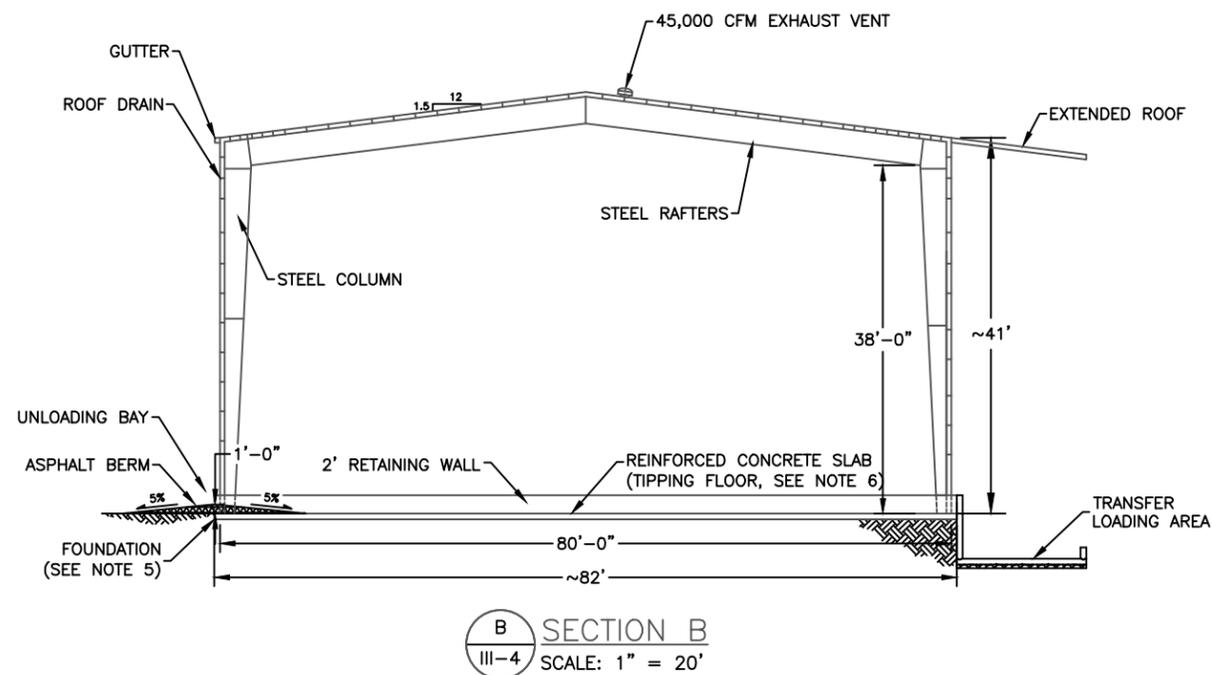
Title: WSPS DETAIL - PHASE B LEGACY GREEN KEOUGH RECYCLING CENTER HOUSTON, TEXAS		
Prepared for: LEGACY GREEN LLC		
	Compiled by: GRH	Date: 11/2025
	Prepared by: FJJ	Scale: AS SHOWN
	Project Mgr: ATN	Project: 5089.0001H000
	File: LEGACY GREEN-KEOUGH RECYCLING CENTER-FIGURE III-3B WSPS DETAIL - PHASE B.DWG	

FIGURE
III-3B

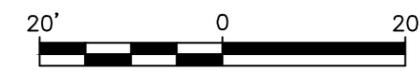
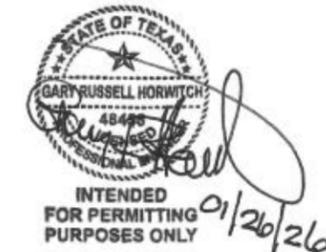
S:\CLIENTS\PROJECTS\LEGACY GREEN\TRANSFER STATION\CADD\PART III\LEGACY GREEN\KEOUGH RECYCLING CENTER\FIGURE III-4 WSPS DETAILS.DWG



A SECTION A
III-4 SCALE: 1" = 20'



B SECTION B
III-4 SCALE: 1" = 20'



NOTES

1. TRANSLUCENT PANELS MAY BE USED ON PORTIONS OF ROOF.
2. DIMENSIONS SHOWN ARE APPROXIMATE.
3. BUILDING IS A PRE-FABRICATED STEEL BUILDING DESIGNED AND CONSTRUCTED TO CURRENT BUILDING CODES.
4. BUILDING DIMENSIONS AND MATERIALS MAY VARY FROM AS SHOWN IN SECTIONS.
5. WSPS FOUNDATION BEARING PRESSURES AND CONFIGURATIONS WILL BE DETERMINED BASED ON A GEOTECHNICAL INVESTIGATION AND ANALYSES PERFORMED FOR THE BUILDING AND FOUNDATION LOADING CONCURRENT WITH PREPARATION OF CONSTRUCTION-LEVEL DESIGNS OF THE STRUCTURE. THE WSPS FOUNDATIONS WILL BE EITHER SHALLOW SPREAD FOOTINGS, DRILLED SHAFT OR DRIVEN PILES. THE FOUNDATIONS WILL BE DESIGNED AND CONSTRUCTED TO CONFORM WITH ALL APPLICABLE STATE AND LOCAL BUILDING CODES AND REQUIREMENTS.
6. CONCRETE TIPPING FLOOR WILL BE A MINIMUM 12-INCH THICK CONCRETE WITH STEEL REBAR REINFORCING. THE FLOOR CONCRETE WILL HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 4,000 PSI. THE CONCRETE THICKNESS AND RECOMMENDED REINFORCING DETAIL WILL BE PROVIDED AS AN ELEMENT OF THE GEOTECHNICAL ANALYSES DISCUSSED FOR NOTE 5, ABOVE. THE CONCRETE TIPPING FLOOR WILL BE DESIGNED TO PROVIDE A PERFORMANCE LIFE, AND WILL BE SUITABLE FOR PLACEMENT OF OVERLAY RESURFACING LAYERS IF REQUIRED DURING THE ACTIVE LIFE OF THE TRANSFER STATION.
7. LEGACY GREEN CAN INSTALL SIDE SHEETING ON WSPS AS DEEMED NECESSARY.

ISSUED FOR PERMITTING

<p>Title:</p> <p>WSPS SECTIONS AND DETAILS</p> <p>LEGACY GREEN KEOUGH</p> <p>RECYCLING CENTER</p> <p>HOUSTON, TEXAS</p>		
<p>Prepared for:</p> <p>LEGACY GREEN LLC</p>		
<p>Compiled by: GRH</p> <p>Prepared by: FJJ</p> <p>Project Mgr: ATN</p> <p>File: LEGACY GREEN KEOUGH RECYCLING CENTER-FIGURE III-4 WSPS DETAILS.DWG</p>	<p>Date: 11/2025</p> <p>Scale: AS SHOWN</p> <p>Project: 5089.0001H000</p>	<p>FIGURE</p> <p>III-4</p>



Type V Transfer Station Registration Application, Part III
Legacy Green Recycling Center

PART III - ATTACHMENTS

- IIIA Closure Plan
- IIIB Closure Cost Estimate
- IIIC Stormwater Drainage Calculations

Attachment IIIA
Closure Plan

Table of Contents

- 1. Introduction 30 TAC §330.451..... 1
- 2. Closure Requirements..... 2
 - 2.1 Notifications 30 TAC §330.461(a) 2
 - 2.2 Signage and Access Control 30 TAC §330.461(b) 2
 - 2.3 Implementation of Closure Plan 30 TAC §330.459(a) 2
 - 2.4 Waste and Material Removal and Disinfection 30 TAC §330.459(b)..... 2
 - 2.5 Evidence of Release 30 TAC §330.459(c)..... 3
 - 2.6 Combustible Material 30 TAC §330.459(d)(1) and (2)..... 3
- 3. Certification of Final Facility Closure 30 TAC §330.461(c) 4
- 4. Post-Closure Land Use 30 TAC §330.63(b)..... 5



1. Introduction 30 TAC §330.451

The applicability of closure and post-closure requirements in the 30 TAC Subchapter K is to all municipal solid waste (MSW) landfill units or MSW facilities as defined in §330.5.

Per §330.5(a)(3), an MSW facility – Type V is a solid waste processing facility that include processing plants that transfer, incinerate, shred, grind, bale, salvage, separate, dewater, reclaim, and/or provide other storage or processing of solid waste. The Legacy Green Recycling Center is classified as a municipal solid waste facility under this definition.

The following Closure Plan for the facility has been prepared in accordance with the Closure Requirements for Municipal Solid Waste Storage and Processing Units.

2. Closure Requirements

The following sections of the Closure Plan summarize the steps by the Facility to ensure compliance with the closure requirements for the certifications of final Facility closure 30 TAC §330.461.

2.1 Notifications 30 TAC §330.461(a)

No later than 90 days prior to initiating final closure, Legacy Green LLC will, through a public notice in the newspaper(s) of largest circulation in the vicinity of the Facility, provide public notice for final Facility closure. This notice will include the name, address, and physical location of the facility, the registration number, and the last day of intended receipt of materials at the Facility.

The Facility will also make available an adequate number of copies of the approved closure plan for public access and review. Legacy Green LLC will also provide written notification to the executive director (ED) of the TCEQ no later than 90 days prior to the intent to close the Facility and place this Notice of Intent on the Facility's operating record.

2.2 Signage and Access Control 30 TAC §330.461(b)

Upon notification to the ED, the Facility will post a minimum of one sign at the main entrance and all other frequently used points of access for the Facility notifying all persons who may utilize the Facility of the date of closing for the entire Facility and the prohibition against further receipt of waste materials after the stated date.

Further suitable barriers at all gates or access points will be installed to adequately prevent the unauthorized dumping of solid waste at the closed Facility.

2.3 Implementation of Closure Plan 30 TAC §330.459(a)

The closure plan for the Facility is to remove all waste, all recovered materials, and decontaminate the process unit Waste Storage Processing Structure (WSPS). All waste materials on-site will be removed and disposed of at a TCEQ-authorized facility. The Facility will be decontaminated using a steam washer.

At any point in its active life, the maximum amount of unprocessed materials (i.e. wastes) that may be temporarily stored on-site at the Facility is 4,600 Cubic Yards (CY) or 1,150 tons. The closure activities will be completed within 180 days following the initiation of these final closure activities.

2.4 Waste and Material Removal and Disinfection 30 TAC §330.459(b)

A Site inspection and review of the Closure Plan and other applicable documents will be conducted prior to closure initiation to determine the necessary closure activities.

All materials on-site, whether in process or processed, will be moved to a TCEQ-authorized Facility by an authorized transporter. Decontaminate all units, tipping areas, and the WSPS building, followed by wipe testing for surface disinfection. If required, vector control procedures will be implemented, such as treatment by pest control.

2.5 Evidence of Release 30 TAC §330.459(c)

The facility and its operations are designed to minimize any releases by the facility. However, if there is evidence of a release from the facility, the ED of the TCEQ may require an investigation into the nature and extent of the release and an assessment of measures necessary to correct an impact to groundwater.

Any waste that is not readily identifiable as garbage, trash, or refuse will be sampled, tested, and classified. Verification re-sample and laboratory analyses will be performed, as necessary.

2.6 Combustible Material 30 TAC §330.459(d)(1) and (2)

The Closure Plan for the Facility is to remove all waste, all recovered materials, including all combustible materials, and transport those materials for recycling or disposal at a TCEQ-approved Facility. After removal of all materials, the WSPS building will be decontaminated using a steam washer. Legacy Green LLC will provide for the closure plan to be implemented (if combustible material is stored outdoors) and completed within 180 days following the most recent acceptance of processed or unprocessed materials.

3. Certification of Final Facility Closure 30 TAC §330.461(c)

The following submittals will be made to the executive director of the TCEQ by registered mail within 10 days after the completion of all final closure activities for the Facility.

Legacy Green LLC will submit for review and approval, a certification, signed by an independent licensed professional engineer, verifying that final Facility closure has been completed in accordance with the approved closure plan. The submittal will include all applicable documentation necessary for certification of final Facility closure.

Legacy Green LLC will submit a request for voluntary revocation of the Facility registration in accordance with 30 TAC §330.461(c)(3) and place a copy in the Facility's operating record.

Per §330.457(f)(6), following receipt of the required final closure documents, as applicable, the commission's regional office will conduct an inspection and provide a report verifying proper closure of the Facility according to the approved Closure Plan before termination of operation and closure of the Facility will be acknowledged and the Facility deemed properly closed.

4. Post-Closure Land Use 30 TAC §330.63(b)

All wastes and waste residues will be removed from the Facility upon closure. At the time of closure, the ED will be provided with documentation of waste removal and a request will be made that there be no restrictions to the post-closure use of the Facility related to its previous use as a municipal solid waste transfer station facility.

Type V Transfer Station Registration Application, Part III
Legacy Green Recycling Center

ATTACHMENT IIIB

Attachment IIIB
Closure Cost Estimate

Table of Contents

- 1. Closure Cost Estimate 30 TAC §330.505 1
 - 1.1 Introduction..... 1
 - 1.2 Description of Closure Cost Estimate Activities 30 TAC §330.63(j) Chapter 37, Subchapter R... 1
 - 1.2.1 Cost Estimate to Closure Recycling Facility Stores Combustible Materials Outdoors 30 TAC §330.505(a)(1)..... 1
 - 1.2.2 Closure Cost Estimate Equals Costs of Closure of Facility, Including Disposition of Maximum Inventories, Processed and Unprocessed Combustible Materials Stored Outdoors 30 TAC §330.505(a)(2)(A) 2
 - 1.2.3 Closure Cost Estimate Based on Costs of Hiring a Third Party, and Per Cubic Yard and/or Short Ton Measure for Collection and Disposition Costs 30 TAC §330.505(a)(2)(B –C)..... 2
 - 1.3 Financial Assurance 2
 - 1.3.1 Closure Cost Estimate & Financial Assurance to Be Increased During Active Life of Facility 30 TAC §330.505(a)(3)..... 2
 - 1.3.2 Reduction in Closure Cost Estimate and Amount of Financial Assurance 30 TAC §330.505(a)(4) 2
 - 1.3.3 Maintenance of Financial Assurance for Recycling Facilities Store Combustible Materials Outdoors 30 TAC §330.505(b)(1) 2
 - 1.3.4 Maintenance of Financial Assurance until Closure is Approved 30 TAC §330.505(b)(2)..... 3

Tables

Table IIIB-1 Closure Cost Estimate



1. Closure Cost Estimate 30 TAC §330.505

1.1 Introduction

The Closure Cost Estimate for the Facility has been prepared in accordance with 30 TAC §330.505. Current TCEQ rules do not require post-closure maintenance for the facility.

The estimated cost for the closure of the Facility is **\$214,940.00** in 2026 dollars. To be conservative, this value was evaluated for the total cost of closure for both Phase A and Phase B.

1.2 Description of Closure Cost Estimate Activities 30 TAC §330.63(j) Chapter 37, Subchapter R

A copy of the financial assurance will be submitted to the TCEQ within sixty (60) days prior to the receipt of waste under this Registration Application (RA). A closure cost estimate for the Facility is provided in **Table III B-1, Closure Cost Estimate**. The cost for item B.2, *“Transport of wastes by an authorized transporter,”* is calculated using items 7, 11, and 13–19 from Appendix C of the Closure Cost Estimate Worksheet in TCEQ’s *Guidelines for Complying with Financial Assurance Requirements for Recycling, Composting, and Mulching Facilities*. The remaining unit cost items used to develop the closure cost estimate are based on the combined experience of Roux and Legacy Green LLC with similar projects in the area.

The closure cost estimate assumes third-party closure of the Facility, including removal and disposal of one day worth of waste received at the Facility at the maximum anticipated daily volume of 1,150 tons per day (TPD). Decontamination of the Waste Storage Processing Structure (WSPS) will also be performed. The estimate further assumes third-party rental of all equipment required for closure activities.

It is understood that the closure cost estimate and financial assurance must be increased if conditions change in a way that raises closure costs during the life of the Facility. In addition, the closure cost estimate must be adjusted annually for inflation in accordance with 30 TAC §37.131, and the updated value must be provided to TCEQ within thirty (30) days after the annual anniversary date of the Facility’s registration document issuance.

Financial assurance must be maintained until closure is approved by the Executive Director (ED). A reduction in the closure cost estimate and financial assurance amount may be requested in accordance with 30 TAC §330.505(a)(4), provided that detailed written justification for the revised estimate and reduced financial assurance is submitted to the ED. For Legacy Green Recycling Center, any such reduction will be considered a modification.

1.2.1 Cost Estimate to Closure Recycling Facility Stores Combustible Materials Outdoors 30 TAC §330.505(a)(1)

The Closure Cost Estimate provided in **Table III B-1** includes the cost for removal and disposal of combustible materials.

1.2.2 Closure Cost Estimate Equals Costs of Closure of Facility, Including Disposition of Maximum Inventories, Processed and Unprocessed Combustible Materials Stored Outdoors 30 TAC §330.505(a)(2)(A)

The Closure Cost Estimate provided in **Table III B-1** assumes disposal of one day of waste received at Facility at the maximum daily volume anticipated, and decontamination of the WSPS building.

1.2.3 Closure Cost Estimate Based on Costs of Hiring a Third Party, and Per Cubic Yard and/or Short Ton Measure for Collection and Disposition Costs 30 TAC §330.505(a)(2)(B –C)

The Closure Cost Estimate assumes third-party closure of the Facility including removal and disposal of one day of waste received at Facility at the maximum daily volume anticipated, and decontamination of the WSPS building and pad. The Closure Cost Estimate assumes third-party rental of all equipment for closure purposes.

1.3 Financial Assurance

Continuous financial assurance coverage for closure must be provided until all requirements of the Closure Plan are completed and the site is determined to be closed in writing by the TCEQ.

The estimated closure cost of the Facility based on the above considerations is \$214,940.00 in 2026 dollars. A copy of the required documentation to demonstrate financial assurance shall be submitted prior to the new process and storage provisions of this permit amendment being implemented.

1.3.1 Closure Cost Estimate & Financial Assurance to Be Increased During Active Life of Facility 30 TAC §330.505(a)(3)

It is understood that the cost estimate and financial assurance must be increased if conditions change, which increase the closure cost during life of the Facility. Also, the value of the closure cost estimate must be annually adjusted for inflation per 30 TAC §37.131, and the value of this adjustment will be provided to the TCEQ within thirty (30) days after the annual anniversary date of the issuance of the permit document for the Facility.

1.3.2 Reduction in Closure Cost Estimate and Amount of Financial Assurance 30 TAC §330.505(a)(4)

A reduction in the Closure Cost Estimate and the amount of financial assurance, in accordance with 30 TAC §330.505(a)(4), may be applied for provided written detailed justification for the Closure Cost Estimate and the reduced amount of financial assurance is submitted to the ED. For Legacy Green Recycling Center, this reduction in the cost estimate and financial assurance will be considered a permit modification.

1.3.3 Maintenance of Financial Assurance for Recycling Facilities Store Combustible Materials Outdoors 30 TAC §330.505(b)(1)

It is understood that financial assurance must be maintained until closure is approved by the ED.

1.3.4 Maintenance of Financial Assurance until Closure is Approved 30 TAC
§330.505(b)(2)

Additionally, it is understood that financial assurance must be maintained until closure is approved by the ED.

Table IIIB-1
Closure Cost Estimate

Table IIIB-1. Closure Cost Estimate

Item	Description	Quantity	Unit	Unit Cost	Extended Cost	Notes	
A State Administration of Site Closure							
1	Site survey and review files to determine closure activities	1	L.S.	\$3,710.00	\$3,710.00		
2	Prepare engineering plans and specifications	40	Hr.	\$130.00	\$5,200.00		
3	Procurement of bids	24	Hr.	\$130.00	\$3,120.00		
4	Contract award and administration of contract	1	L.S.	\$7,310.00	\$7,310.00	Equal to 5% of all other costs	
B General Cleanup of Site and Process Units							
1	Cleanup and removal of wastes stored on-site	10	Days	\$480.00	\$4,800.00	Laborer and equipment (includes front end loader and operator).	
2	Transport of wastes by an authorized transporter	1	L.S.	\$172.50	\$172.50	See calculations in "Cost of Waste Transport by Authorized Transporter"	
3	Disposal of wastes at a TCEQ authorized facility	4,600	C.Y.	\$21.22	\$97,602.80	Maximum two days of waste storage to be disposed to the TCEQ Permitted facility.	
4	General cleanup and decontamination of facility, including removal, transport, treatment, and disposal of washdown waters and media, plus laboratory wipe testing.	1	L.S.	\$25,000.00	\$25,000.00		
5	Removal, treatment, and disposal of any contaminated soils, concrete, stormwater, or any other contaminated materials on-site.	1	L.S.	\$6,890.00	\$6,890.00		
6	Vector control procedures	1	L.S.	\$2,120.00	\$2,120.00		
C Secure Site							
1	Install locks and sign stating that the Facility is closed. Make any needed repairs to fence and gates. Secure all buildings and fences/gates.	1	L.S.	\$2,120.00	\$2,120.00		
D Certification of Abandonment and Completion of Cleanup							
1	Sampling/testing/classification of wastes (ash, liquids, sludge, and other wastes not readily identifiable as garbage, trash, refuse). To include lab reports, chain of custody documentation, and quality assurance and quality control.	1	L.S.	\$4,240.00	\$4,240.00		
2	Perform site inspection and prepare certification of closure.	1	L.S.	\$3,180.00	\$3,180.00		
				Subtotal	\$165,465.30		
				Sales Tax (8.25%)	\$13,650.89		
E Contingency Cost					Contingency (20%)	\$35,823.24	
				Total	\$214,939.42		
				Total, Say	\$214,940.00		



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Table IIIB-2
TCEQ Closure Cost Estimate Worksheet

Cost of Waste Transport by Authorized Transporter

7	Nearest disposal facility authorized to accept materials on your site: <u>Hawthorne Park Landfill</u>		
11	Transportation cost for materials not covered by quotes: Distance from your facility to the disposal facility named on Item 7:	<u>1.5</u>	miles
13	Total volume of materials with densities of less than 500 pounds per cubic yard:	<u>0</u>	cubic yards
14	Total weight of materials with densities greater than 500 pounds per cubic yard:	<u>1,150</u>	tons
15	Divide the number of cubic yards entered for Item 3 by 100:	<u>0</u>	
16	Divide the number of tons entered for Item 4 by 25:	<u>46</u>	
17	Add the numbers you have entered for Items 4 and 5: This is the number of truckloads necessary to transport your materials for disposition.	<u>46</u>	
18	Multiply the number you entered for Item 6 by the number of miles from your facility to the nearest authorized disposal facility (Item 11). This is the number of "loaded miles" required for transportation to a disposal facility.	<u>69</u>	
19	Multiply the number you entered for Item 7 by \$2.50: This is the cost of transportation for materials.	<u>\$ 172.50</u>	


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Attachment IIIC
Stormwater Drainage Calculations

PAVING TOTALS IN R.O.W.

TOTAL NEW SIDEWALK IN R.O.W. ON TEMPLE STREET = TO BE DETERMINED

DETENTION / WATER STORAGE CALCULATIONS

EXISTING IMPERVIOUS COVER : 83,174 SF

ADDITIONAL IMPERVIOUS COVERAGE : 5,562 SF (@ 0.75 ACRE-FT) = 4,172 CF

FINAL IMPERVIOUS COVER : 88,737 SF

PROPOSED DETENTION AREAS ADDITIONAL COVERAGE AND SITE MODIFICATIONS

PARKING LOT STORAGE : = 0 CF

POND STORAGE : = 3,643 CF

PIPE STORAGE : (14 LF @ 24", 150 LF @ 18", 273' @ 12") = 522 CF

INLETS : = 96 CF

TOTAL DETENTION STORAGE: 4,261 CF

TOTAL ADDED DETENTION CAPACITY: 3,325 CF PROVIDED AT STORAGE ELEV. OF ___'

ANALYSIS OF IMPERVIOUS COVER

<i>INCREASE IN IMPERVIOUS COVER</i>	<i>EXISTING IMPERVIOUS COVER</i>	<i>FINAL IMPERVIOUS COVER</i>
BUILDINGS	0 SF	17,793 SF
PARKING LOT / DRIVEWAY	83,174 SF	69,356 SF
SIDEWALKS / PATIO	0 SF	0 SF
DETENTION PONDS	0 SF	1,587 SF
TOTAL AREA	83,174 SF	88,736 SF

<i>SIZE OF LOT</i>	<i>TOTAL IMPERVIOUS COVER</i>	<i>% OF IMPERVIOUS COVER</i>
93,334 SF	88,736 SF	95 %

CONTEXT3

Project: WASTE TRANSFER GESSNER

Project No: Date: 11.07.2025

Drawing No: ASK-001-1E Scale: 1" = 40'-0"

Tipping Floor Drainage Calculation

Required Volume - Volume of Wash Water

Assume 2.3 gallons/min for 120 minutes is required to clean the tipping floor.

Total gallons of water needed to clean the tipping floor = 276 gallons or 36.9 ft³

Provided Capacity

Area	Length, L (ft)	Width, W (ft)	Height, H (ft)	Volume (ft ³)
Phase A Trench	64.0	1.0	0.5	32.0
Phase B Trench	64.0	1.0	0.5	32.0
Phase A Sump	3.0	3.0	1.5	13.5
Phase B Sump	3.0	3.0	1.5	13.5
WSPS ¹	180.0	80.0	1.0	14,400
Total Provided Capacity =				14,491

Notes:

- The floor of the WSPS will be sloped at approximately one half of a percent toward two sumps located on the northern and southern sides of the WSPS. The western side will have approximately one-foot-tall asphalt secondary containment berm running along the boundary of the WSPS. Three other sides of the WSPS wall will be composed of a two-foot-high retaining concrete wall.

Required Volume = 37 ft³

Provided Capacity = 14,491 ft³

Required Volume is less than Provided Capacity.



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01/26/2026



Type V Transfer Station Registration Application, Part IV Report

Legacy Green Keough Recycling Center
Houston, Harris County, Texas

Prepared for:

Legacy Green LLC
9420 Keough Rd
Houston, Texas 77040

Prepared by:

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JANUARY 2026





Table of Contents

- 1. Introduction to Part IV 30 TAC §330.65(a) 1
 - 1.1 Reporting Requirements 30 TAC §330.675 1
 - 1.2 Other Requirements 30 TAC §330.65(d) 1
- 2. Waste Acceptance and Analysis 30 TAC §330.203..... 2
 - 2.1 Waste Source and Characteristics 30 TAC §330.203(a) 2
 - 2.1.1 Acceptable Wastes 2
 - 2.1.2 Prohibited Wastes 3
 - 2.2 Waste Acceptance Rate, Storage, and Recovery 30 TAC §330.203(b) 4
 - 2.2.1 Waste Acceptance Rate..... 4
 - 2.2.2 Waste Storage and Processing 5
 - 2.2.3 Waste Recovery Rate 30 TAC § 330.203(b)..... 5
- 3. Facility Operation Requirements 8
 - 3.1 Facility-Generated Waste 30 TAC §330.205(a) 8
 - 3.1.1 Characteristics and Concentrations of Wastes Generated by Facility 30 TAC §330.205(a) 8
 - 3.1.2 Manage Waste 30 TAC §330.205(b) 8
 - 3.1.3 Manage Wastewater 30 TAC §330.205(c)..... 8
 - 3.1.4 Design and Operation of Facility for Produced Sludges 30 TAC §330.205(d) 8
 - 3.1.5 Contaminated Water Management-Water Pollution Control 30 TAC §330.207(a) 8
 - 3.1.6 Collect and Manage Contaminated Water 30 TAC §330.207(b) 9
 - 3.1.7 Clay or Synthetic liner Collection Units under 30 TAC §330.331(b) and 30 TAC §330.207(b) 10
 - 3.1.8 One Foot of Freeboard for 25-Year, 24-Hour Rainfall Event for Contaminated Water 30 TAC §330.207(b) 10
 - 3.1.9 Septic System 30 TAC §330.207(d)..... 10
 - 3.1.10 Discharge Contaminated Water after Approval under Texas Pollution Control Discharge Elimination System Authority 30 TAC §330.207(e)..... 10
 - 3.1.11 Acknowledgement Discharge Wastewater Comply with 40 Code of Federal Regulations Part 403 30 TAC §330.207(f)(1)..... 10
 - 3.1.12 Effluent Standard for Oil and Grease Concentration 30 TAC §330.207(g)..... 11
 - 3.2 Storage Requirements 11
 - 3.2.1 Solid Waste Storage 30 TAC §330.209(a)..... 11
 - 3.2.2 On-Site Storage Area for Source Separated or Recyclable Materials 30 TAC §330.209(b) 11
 - 3.2.3 Putrescible or Liquid Waste 30 TAC §330.209(c)..... 11
 - 3.3 Approved Containers 12
 - 3.3.1 Container Design 30 TAC §330.211 12
 - 3.3.2 Non-Reusable Containers 30 TAC §330.211(1) 12
 - 3.3.3 Reusable Containers 30 TAC §330.211(2) 12
 - 3.3.4 Emptied Containers 30 TAC §330.211(2)(A) 12
 - 3.3.5 Design Containers to Prevent Spillage/Leakage during Storage, Handling, and Transport 30 TAC §330.211(2)(B) 12

Table of Contents (Cont'd)



- 3.4 Citizen’s Collection Stations 30 TAC §330.213(a)-(b)..... 12
- 3.5 Stationary Compactors 30 TAC §330.215(1) and (2)..... 12
- 4. Recordkeeping and Reporting Requirements 30 TAC §330.219 13
 - 4.1 General Requirements 13
 - 4.1.1 Maintain Copy of Permit/Registration/Application in Site Operating Record 30 TAC §330.219(a) 13
 - 4.1.2 Operating Record 30 TAC §330.219(b) (1) – (7) 13
 - 4.1.3 Signatory for Report 30 TAC§330.219 (c)(1)(A) – (C) 15
 - 4.1.4 Submit Authorization to Sign No Longer Accurate New Authorization 30 TAC§330.219 (c)(2)..... 15
 - 4.1.5 Certification in 30 TAC §305.44(b) by Person Signing Report 30 TAC§330.219 (c)(3)..... 15
 - 4.1.6 Notification 30 TAC§330.219 (e)..... 15
 - 4.1.7 Record Retention 30 TAC§330.219 (f) 15
 - 4.1.8 Alternative Schedules 30 TAC§330.219 (g)..... 15
 - 4.2 Personnel Training Records..... 15
- 5. Fire Protection 30 TAC §330.221 17
 - 5.1 Fire Protection Plan 30 TAC §330.221(c) 17
 - 5.1.1 Procedures in the Event of a Fire 30 TAC §330.221(c)..... 17
 - 5.1.2 Availability of Water for Firefighting Purposes 30 TAC §330.221(a)..... 18
 - 5.1.3 Fire Fighting Equipment 30 TAC §330.221(b) 19
 - 5.1.4 Fire Protection Training 30 TAC §330.221(c) 19
 - 5.1.5 TCEQ Notification 19
 - 5.2 Access Control 19
 - 5.2.1 Facility Security 30 TAC §330.223(a) 19
 - 5.2.2 Access Road from Public Road 30 TAC §330.223(b)..... 20
 - 5.2.3 Vehicle Parking 30 TAC §330.223(b)..... 20
 - 5.2.4 Perimeter Control Fencing 30 TAC §330.223(c)..... 20
 - 5.3 Unloading of Waste Unloading Areas 30 TAC §330.225(a) 21
 - 5.3.1 Prevention of Indiscriminate Dumping 30 TAC §330.225(a) 21
 - 5.3.2 Unacceptable Waste 30 TAC §330.225(a) 22
 - 5.3.3 Waste in Unauthorized Areas 30 TAC §330.225(b)..... 22
 - 5.3.4 Detention and Prevention of Unloading or Processing of Prohibited Waste 30 TAC §330.225(c) 22
 - 5.3.5 Managing of Prohibited Waste 30 TAC §330.225(c) 23
 - 5.4 Spill Prevention and Control 30 TAC §330.227..... 23
 - 5.5 Site Operating Hours..... 23
 - 5.5.1 Facility Operating Hours 30 TAC §330.229(a)..... 23
 - 5.5.2 Waste Acceptance Hours and Operating Hours for Operating Heavy Equipment and Transporting Materials 30 TAC §330.229(a)..... 24

Table of Contents (Cont'd)

5.5.3	Alternative Operating Hours 30 TAC §330.229(b)	24
5.5.4	Site Operating Record of Alternative Operating Hours 30 TAC §330.229(d)	24
5.5.5	Additional Temporary Operating Hours 30 TAC §330.229(c)	24
5.6	Facility Sign 30 TAC §330.231	24
5.7	Control of Windblown Material and Litter	24
5.7.1	Collect Windblown Waste and Litter 30 TAC §330.233(a) and a(2)	24
5.7.2	Control of Windblown Waste 30 TAC §330.233(a)(1)	25
5.7.3	Minimize Windblown Waste 30 TAC §330.233(b)	25
5.8	Material Along Route to the Facility 30 TAC §330.235	25
5.9	Facility Access Roads Weather Access Road 30 TAC §330.237(a)	25
5.9.1	Dust Control 30 TAC §330.237(b)	26
5.9.2	Depression, Ruts, and Potholes 30 TAC §330.237(c)	26
5.10	Noise Pollution and Visual Screening 30 TAC §330.239	26
5.11	Overloading and Breakdown 30 TAC §330.241	26
5.11.1	Design Capacity 30 TAC §330.241(a)	26
5.11.2	Restriction, Diversion or Removal Waste if Work Stoppage 30 TAC §330.241(b)	26
5.11.3	Inoperable Facility 30 TAC §330.241(c)	27
5.12	Sanitation 30 TAC §330.243	27
5.12.1	Washing Down Working Surfaces 30 TAC §330.243(a)	27
5.12.2	Accumulation of Wash Water 30 TAC §330.243(b)	27
5.12.3	Collection and Disposal of Wash Water 30 TAC §330.243(c)	27
5.13	Ventilation and Air Pollution Control	27
5.13.1	Air Emissions 30 TAC §330.245(a)	27
5.13.2	Obtain Required Authorizations under Chapter 116 or Subchapter U from Air Permits Divisions 30 TAC §330.245(b)	27
5.13.3	Odor-Retaining Containers and Vessels 30 TAC §330.245(c)	27
5.13.4	Ventilation and Nuisance Odors 30 TAC §330.245(d)	28
5.13.5	Air Pollution Emission 30 TAC §330.245(e)	28
5.13.6	Measure/Equipment to Control Odor 30 TAC §330.245(f)(1) – (4)	28
5.13.7	Process Areas 30 TAC §330.245(g)	28
5.13.8	Reporting Emissions Events 30 TAC §330.245(j)	28
5.13.9	Ponded Water 30 TAC §330.245(k)	28
5.14	Employee Sanitation Facilities 30 TAC §330.249	28
6.	Health and Safety Plan 30 TAC §330.247	29
6.1	Emergency Preparedness	29
6.1.1	General Measures	29
6.1.2	Measures for the Unloading and Receiving Area	29
6.2	Emergency and Contingency Procedures	30



Table of Contents (Cont'd)

6.2.1 Accidents	30
6.2.2 Releases	31
7. Site Personnel, Operational Requirements and Training	32
7.1 Site Personnel – Function & Minimum Qualifications of Key Personnel.....	32
7.1.1 Operations Manager	33
7.1.2 Maintenance and Administrative Supervisors.....	33
7.1.3 Gate House Attendant.....	34
7.1.4 Clerical/Accountant.....	34
7.1.5 Waste Spotter/Equipment Operator.....	34
7.1.6 Other Site Personnel/Waste Sorters/Repackers	34
7.2 Site Personnel – General Instructions for Personnel Concerning Operational Requirements 30 TAC §330.127(3).....	34
7.3 Training – Applicable Training Requirements 30 TAC §335.586	35
7.3.1 Employee Training Documentation.....	36
7.3.2 Employee Training Records.....	37
8. Site Equipment	39

Tables

Table IV-1 Waste Acceptance by Waste Type	4
Table IV-2 Operating Record.....	13
Table IV-3 Schedule and Notification Requirements for Access Beach	18
Table IV-4 Schedule and Notification Requirements for Access Beach	31
Table IV-5 Schedule and Notification Requirements for Access Beach	36
Table IV-6 Schedule and Notification Requirements for Access Beach	37

Figures

Figure IV-1 Monthly Site Inspection Form
Figure IV-2 Facility Sign
Figure IV-3 Sign Displaying Site Rules
Figure IV-4 Sign Displaying Prohibited Wastes
Figure IV-5 Sign Displaying Authorized Wastes



1. Introduction to Part IV 30 TAC §330.65(a)

The Legacy Green Recycling Center (“Facility” or “Site”) will be a Type V recycling and recovering solid waste transfer station operated by Legacy Green LLC (“Legacy Green”). In accordance with Title 30 of the Texas Administrative Code (30 TAC) Chapter 330, Subchapter B, §330.65, Contents of Part IV of the Application, a Site Operating Plan (SOP) is being submitted for the Facility. Regulatory citations noted throughout the SOP narrative refer to corresponding sections of the 30 TAC.

Per §330.65(a), this SOP has been prepared based on 30 TAC Chapter 330, Subchapter D & E, relating to Operational Standards for Municipal Solid Waste Landfill Facilities and Operational Standards for Municipal Solid Waste (MSW) Storage and Processing Units. The plan will provide general instruction to facility management and operating personnel for day-to-day operations of the Facility. The SOP must be retained during the active life of the Facility. This document provides an operating guide for Facility management to maintain the Facility in compliance with the applicable regulatory requirements of the Texas Commission on Environmental Quality (TCEQ) or appropriate successor agency, to protect human health and the environment, and to prevent nuisances.

1.1 Reporting Requirements 30 TAC §330.675

Failure to achieve the minimum 10% recycled rate in any two quarters in a one-year period will cause a change in the Facility’s status and require the owner to obtain a permit to continue Facility operations.

The Facility shall submit an annual report to the Executive Director (ED) by November 10 of each year summarizing the recycling activities and percent of incoming solid waste that was recycled during the past calendar fiscal year. The fiscal year begins on September 1 and concludes on August 31. The report shall be a form furnished by the ED or reproduced from a form furnished by the ED. Reports may also be submitted by an electronic form or format furnished by the ED. A new form will be furnished by the ED annually, prior to the due date. Reports shall include, at a minimum:

- Facility operator’s name, address, and phone number;
- Permit number, permit application number, or permit number;
- Facility type, size, and capacity;
- Volume of waste received reported in short tons or in cubic yards received at the gate;
- Percent solids;
- Method of determining the percent solids that have been processed, disposed, and recycled or reused;
- Method used to achieve at least 10% recycling or reuse of incoming materials; and

Reconciliation of volume of waste with amounts documented on manifests, shipping documents, and/or trip tickets, and indicate where the recyclable material was taken for recycling.

1.2 Other Requirements 30 TAC §330.65(d)

The Facility does not accept or process grit trap wastes or sludges, and will not be a grease trap waste, grit trap waste, or septage processing facility. Therefore, the requirements of this rule do not apply.

2. Waste Acceptance and Analysis 30 TAC §330.203

2.1 Waste Source and Characteristics 30 TAC §330.203(a)

This Legacy Green Recycling Center will be authorized to receive permitted waste as defined below. Waste acceptance and subsequent processing for re-use is based upon the types of wastes that make up the incoming waste stream. General operations will be conducted in a manner that allows the prompt and efficient unloading of waste. The waste will be discharged from the collection vehicles onto the Facility processing floor (tipping floor) within the Waste Storage Processing Structure (WSPS). Initially, Phase A will be constructed, with Phase B to follow based on market conditions. The TCEQ will inspect and approve Phase B prior to usage for solid waste operations.

At any point in its active life, the maximum daily volume of incoming waste material is approximately 1,150 tons per day (TPD). It is expected that a maximum of 1,150 tons of solid waste and recyclable materials will be stored at the Facility at any time. This will consist of the materials in the tipping floor and materials in the various stages of processing and recycling within the WSPS.

Based on this estimate of the solid waste data for the Facility, it is expected that a typical unit of non-recyclable solid waste arriving at Facility would, at a maximum, remain on Facility for approximately three days, including holidays and weekends, provided that the maximum storage does not exceed 1,150 tons at any time. The average length of time solid waste will remain on Facility is one day. This includes the time for waste processing and the time to fill a container for transportation to an off-site TCEQ permitted disposal facility or to a third-party recycler.

2.1.1 Acceptable Wastes

The composition of permitted waste the Facility has received for material recovery consists of the following types of materials:

- Untreated Lumber – Untreated lumber includes boards, strip lumber, plywood, particleboard, and paneling;
- Untreated Sheetrock – Untreated sheetrock will be recycled or disposed at a TCEQ permitted facility; any painted or chemically treated sheetrock will not be recycled;
- Cardboard;
- Clean Wood and Clean Brush Debris – Clean wood and clean brush debris includes trees, branches, limbs, leaves, grass cuttings, brush, and other organic vegetation;
- Inert Fill Materials – Inert fill materials include bricks, stones, concrete, soil, gravel, sand, and dirt;
- Treated Lumber – Treated lumber includes boards and strip lumber that has been treated with chemical agents. Also included in this category is lumber, plywood, or other process wood materials with painted surfaces;
- Durable Plastics and Metals – Durable plastics and metals include polyvinyl chloride (PVC), high density polyethylene (HDPE), and linear low density polyethylene (LLDPE) pipe, metal pipe and frames, sheet metal, and other similar materials. This material usually comes in the form of pipes, fittings, buckets, and sheet metal; and
- Other – Miscellaneous debris includes paper, glass, plastic sheeting, felt, shingles, paint cans, tubes, e-waste, ballast, fluorescent light fixtures, or other spent construction related products or containers.

These wastes are referred to as permitted wastes in the remainder of this RA.

In accordance with 30 TAC 330.203(a), the source of these waste streams shall be from residential and commercial construction and demolition sites within the counties included within the Houston-Galveston Area Council (H-GAC).

Limiting Parameters

There are no limiting parameters such as TPH, metal concentrations, etc. for this application for a Type V transfer station.

Special Waste Receipt

This Facility will not accept special waste. Therefore, this section does not apply to the Facility.

Receipt of Industrial Waste

This Facility will not accept industrial waste. Therefore, this section does not apply to the Legacy Green Recycling Center.

2.1.2 Prohibited Wastes

The Facility will **not** accept the following wastes:

- Household garbage;
- Putrescible wastes;
- Liquid wastes;
- Special wastes;
- Special waste from health-care-related facilities;
- Municipal wastewater treatment plant sludges, other types of domestic sewage treatment plant sludges, and water-supply treatment plant sludges;
- Septic tank pumping's;
- Grease and grit trap wastes;
- Wastes from commercial or industrial wastewater treatment plants; air pollution control facilities; and tanks, drums, or containers used for shipping or storing any material that has been listed as a hazardous constituent in 40 Code of Federal Regulations (40 CFR), Part 261, Appendix VIII but has not been listed as a commercial chemical product in 40 CFR, §261.33(e) or (f);
- Slaughterhouse wastes;
- Dead animals;
- Pesticide (insecticide, herbicide, fungicide, or rodenticide) containers in accordance with 30 TAC §330.136(b)(5);
- Discarded materials containing asbestos;
- Incinerator ash;
- Soil contaminated by petroleum products, crude oils, or chemicals;
- Hazardous waste;
- PCB waste;
- Radioactive waste;
- Unknown chemical or containerized waste;

- White goods containing chlorinated fluorocarbons (CFCs);
- Used oil filters;
- Used oil;
- Class 1 non-hazardous industrial waste;
- Class 2 non-hazardous industrial waste; and
- Regulated Asbestos Containing Materials (RACM).

2.2 Waste Acceptance Rate, Storage, and Recovery 30 TAC §330.203(b)

2.2.1 Waste Acceptance Rate

This Facility is authorized to receive permitted wastes as defined in **Section 2.1.1**. Waste acceptance and subsequent processing for re-use is based upon the types of wastes that make up the incoming waste stream. At any point in its active life, the maximum daily volume of incoming waste material is approximately 1,150 TPD. The solid waste will remain in containers until ready for processing.

It is expected that a maximum of 1,150 tons of solid waste and recyclable will be stored at the Facility at any time. This will consist of the materials in the tipping floor and materials in the various stages of processing and recycling within the WSPS. Phase A will be constructed first, followed by Phase B upon market conditions. The TCEQ will inspect and approve Phase B prior to usage for solid waste operations.

2.2.1.1 Waste Acceptance by Waste Type

The waste amounts by waste types listed in **Table IV-1** are only estimates and are not intended to be a limitation or constraint on waste acceptance at the site.

Table IV-1. Waste Acceptance by Waste Type

Waste Type	Estimated Daily Amount (as a percentage of Waste)
Mixes materials	15%
Untreated Lumber	10%
Untreated Sheetrock	10%
Cardboard	5% - 20%
Clean Wood and Brush	15%
Inert Materials	25%
Durable Plastic and Metals	5% - 20%
Other Materials	10%
Total Waste	100%

2.2.2 Waste Storage and Processing

At any point in its active life, the maximum daily volume of incoming waste material is approximately 1,150 TPD. The maximum amount of waste to be stored at the Facility is 1,150 tons. Initially, Phase A will be constructed, with Phase B to follow based on market conditions. The TCEQ will inspect and approve Phase B prior to usage for solid waste operations.

All waste storage or holding will occur within the WSPS or within an enclosed container. No storage of waste materials will occur outside of the WSPS or enclosed containers. The solid waste may be temporarily stored at the Facility for a period not to exceed three days, including holidays and weekends, provided that the maximum storage does not exceed 1,150 tons at any time. The average length of time that solid waste remains on-site will be one day. The wastes will be processed for recyclable materials and then re-containerized. Recyclable materials will be sent to a recycling facility, while remaining wastes will be sent to a TCEQ-authorized disposal facility located within 50 miles of the site.

2.2.3 Waste Recovery Rate 30 TAC § 330.203(b)

The Facility will process and temporarily store incoming waste and recyclable materials in two phases based on projected volumes. At any point in its active life, the maximum daily volume of incoming waste material is approximately 1,150 TPD. Initially, Phase A will be constructed, with Phase B to follow based on market conditions. The TCEQ will inspect and approve Phase B prior to usage for solid waste operations. These materials will be kept in containers until ready for processing, with the typical storage duration for non-recyclable solid waste estimated at one day, and an average of one day for waste processing and transportation to offsite disposal or recycling facilities.

The maximum volume of incoming waste material that may be temporarily stored on site during processing is 1,150 TPD at any time. These estimates include the materials within containers and in various stages of sorting, processing, and recycling within the designated waste processing area.

At a minimum, the Facility will recover and recycle at least 10 percent of the incoming waste stream to maintain its status as a transfer station with material recovery. The following materials will be recovered and recycled, and any recyclables or non-recyclable portions will be transported off-site to a TCEQ-permitted landfill within 50 miles of the Facility or to a third-party recycler, as applicable:

- Untreated Lumber – Usable boards, strip lumber, sheet lumber, and wood products will be collected and transported off-site to a landfill or to a third-party recycler. (Treated lumber will be sorted and placed in a container for proper waste disposal at a landfill or recycled);
- Metal Products – Any sheet metal, pipes, framing, and/or other large, heavy, or bulky metal are sorted out of the incoming waste stream, and transported off-site to a landfill or transported to a metal recycler. No CFC-containing appliances will be accepted unless the refrigerant system has been evacuated prior to arrival on-site.
- Untreated Sheetrock – Untreated sheetrock will be sorted and stored on-site in containers. Untreated sheetrock includes sheetrock that has not been painted or chemically treated in any manner. Untreated sheetrock will be transported to a third-party recycler or transported off-site to a landfill;
- Cardboard – Cardboard boxes are sorted from the incoming waste stream, stockpiled;
- Plastics – Plastic pipe, other plastic waste products, and fittings are sorted from the waste stream and placed in containers. Periodically, the stockpiled plastics will be transported off-site to a landfill or recycled;
- Bricks, Stones, and Concrete – Durable inert material such as bricks, stones, and concrete will be sorted and placed in containers and transported off-site to a landfill or to a third-party recycler;

- Wood and Brush – Clean wood and clean brush that is accepted by the Facility will be sorted and transported to an off-site third-party recycler or to a landfill; and
- Other – Miscellaneous debris includes paper, glass, plastic sheeting, felt, shingles, paint cans, tubes, e-waste, ballast, fluorescent light fixtures, or other spent construction related products or containers, will be sorted and placed in containers for transport to an off-site third-party recycler.

Unusable and Non-Recycled Materials

The following materials are expected to be unusable and/or non-recycled, once the waste stream has been processed through the Facility:

- Treated Lumber – Any lumber, plywood, or other processed wood materials, including boards and strip lumber that have been chemically-treated and/or painted will be collected and transported off-site to a landfill;
- Treated Sheetrock – Painted or chemically-treated sheetrock will be collected and transported off-site to a landfill;
- Miscellaneous Debris – Miscellaneous debris includes paper, glass, plastic bags and sheeting, felt, shingles, paint cans, tubes, or other spent construction related products or containers. This material will be collected and transported off-site to a landfill; and
- All Other Wastes – All other wastes remaining after the waste stream has been processed by the Facility and is not categorized as either of the above categories, will be transported off-site to a landfill.

2.2.3.1 Waste Recovery Quarterly Report 30 TAC §330.9(g)(1)

Legacy Green Recycling Center will provide quarterly reports showing the recovery percentages of the incoming waste for each quarter. The reports will include volumes of wastes received and a summary of wastes processed, disposed, recycled or reused.

Records will be kept for solids and recyclable materials leaving the Facility in the form of manifests, shipping documents, or trip tickets. The quarterly report must include manifests, shipping documents, or trip tickets to show where the recyclable material was taken for recycling, and the recycled material must be reconciled with the volume of waste received.

Failure to achieve the relevant 10 percent recycling rate in any two quarters within any one-year period will cause a registration to terminate and will require the owner or operator of the Facility to obtain a permit to continue facility operations.

3. Facility Operation Requirements

3.1 Facility-Generated Waste 30 TAC §330.205(a)

3.1.1 Characteristics and Concentrations of Wastes Generated by Facility 30 TAC §330.205(a)

The only Facility-generated waste is wastewater (i.e., wash water resulting from washing the tipping floor). This wastewater will be handled as described in **Section 3.1.3**.

The intended destination of the solid waste generated by the Facility (if any) is an authorized solid waste management facility. All wash water will be removed from the sumps and trench drains using vacuum trucks or similar equipment on an as-needed basis. The liquids will be disposed of at an appropriately permitted facility or otherwise disposed in accordance with 30 TAC §330.207, and any other applicable local, state, or federal rules and regulations concerning polluted waters. The Facility will maintain documentation in the operating record that all wastes leaving the Facility are being adequately managed by other licensed or permitted facilities. All wastes generated by the Facility will be processed or disposed of at an authorized solid waste management facility.

3.1.2 Manage Waste 30 TAC §330.205(b)

All wastes generated by the Facility will be processed or disposed of at an authorized solid waste management facility.

3.1.3 Manage Wastewater 30 TAC §330.205(c)

Two sumps will be provided for the collection of all wash, quench, or other contaminated water generated within the WSPS. Potentially contaminated runoff is minimized by the containment provided by the asphalt berm and retaining wall of the WSPS. Polluted wash or quench waters generated by the Facility operations will be collected within the sumps. All liquids will be removed from the sumps using vacuum trucks or similar equipment on an as-needed basis, but in no case will water within the confines of the WSPS remain for more than 24 hours when operational. The liquids will be disposed at an appropriately permitted facility or otherwise disposed in accordance with 30 TAC §330.207, and any other applicable local, state, or federal rules and regulations concerning polluted waters. Off-site discharge of non-contaminated stormwater or polluted waters will only occur after approval under the Texas Pollution Discharge Elimination System (TPDES) authority per 30 TAC §330.207.

3.1.4 Design and Operation of Facility for Produced Sludges 30 TAC §330.205(d)

No sludges will be produced by the Facility; therefore, this section is not applicable.

3.1.5 Contaminated Water Management-Water Pollution Control 30 TAC §330.207(a)

The Facility will take the necessary steps to control and prevent the discharge of contaminated water from the Facility. Surface drainage in and around the Facility will be controlled to minimize surface water running onto, into, and off the working areas. All solid waste processing will be conducted within the WSPS (see Figures III-3).

Two sumps will be provided for the collection of all wash, quench, or other contaminated water generated within the WSPS. Potentially contaminated runoff is minimized by the containment provided by the asphalt berm and retaining wall of the WSPS.

Polluted wash or quench water generated by the Facility operations will be collected within the sumps. All liquids will be removed from the sumps using vacuum trucks or similar equipment on an as-needed basis, but in no case will water within the confines of the WSPS remain for more than 24 hours when operational. The liquids will be disposed of at an appropriately permitted facility or otherwise disposed in accordance with 30 TAC §330.207, and any other applicable local, state, or federal rules and regulations concerning polluted waters. Off-site discharge of contaminated stormwater or polluted waters will only occur after approval under the TPDES authority per 30 TAC §330.207.

3.1.6 Collect and Manage Contaminated Water 30 TAC §330.207(b)

Surface drainage in and around the Facility will be controlled to minimize surface water running onto, into, and off the WSPS. All solid waste processing will be conducted within a WSPS (see **Figures III-3A and 3B**). The western side will have approximately one-foot-tall asphalt secondary containment berm running along the boundary of the WSPS. Three other sides of the WSPS wall will be composed of a two-foot-high retaining concrete wall to protect from on-site run-on. The retaining wall in the center of WSPS will be constructed as part of Phase A and will be removed when Phase B is constructed. Phase A will be constructed first, followed by Phase B based upon market conditions. The TCEQ will inspect and approve Phase B prior to usage for solid waste operations.

Two sumps will be provided for the collection of all wash, quench, or other contaminated water generated within the WSPS. Additionally, all active storage boxes for recycled materials will also be located outside on east sides of the WSPS. Polluted wash or quench waters generated during tipping floor cleaning will be collected within the sumps. All liquids will be removed from the sumps using vacuum trucks or similar equipment on an as-needed basis, but in no case will water within the confines of the WSPS remain for more than 24 hours when operational. The liquids will be disposed at an appropriately permitted facility or otherwise disposed in accordance with 30 TAC §330.207, and any other applicable local, state, or federal rules and regulations concerning polluted waters. Off-site discharge of contaminated stormwater or polluted waters will only occur after approval under the TPDES authority per 30 TAC §330.207. Wastewater discharged from the Facility will be disposed of to a treatment facility permitted under the Texas Water Code, Chapter 26 must comply with the requirements of 330.207(f).

The WSPS foundation, floor slab, and containment systems are constructed on a clay rich compacted soil grade fill that will act as a contiguous clay liner beneath the concrete floor slab, foundation units and secondary berm and retaining wall within the confines of the WSPS. The combined trench drains, sumps, and WSPS have a storage capacity of 14,491 cubic feet (ft³) of storage for the collection of contaminated water and leachate from within the WSPS as follows:

- Tipping floor Phase A trench drain – 32.0 ft³
- Tipping floor Phase B trench drain – 32.0ft³
- Tipping floor Phase A sump – 13.5 ft³
- Tipping floor Phase B sump – 13.5 ft³
- WSPS – 14,400 ft³
- Total – 14,491 ft³

As part of the operations of the WSPS, either dry adsorbent or a dedicated high-pressure washer will be used to clean the surface of the floor. The estimate volumes of contaminated wash water and contaminated leachate from this cleaning operation, using a high-pressure steam cleaner (2.3 gallons/minute for 120 minutes) for the tipping floor area produces approximately 276 gallons of fluid (or 37 ft³) for the cleaning of the tipping floor slab. The volume of the combined sump and trench drains is approximately 14,491 ft³,

therefore, there is an excess storage in the WSPS of approximately 14,491 ft³ within the tipping floor trench drains and floor slab. Refer to **Attachment IIIC** for detailed calculations.

Surface water outside the tipping floor will drain into the adjacent drainage trench drain via surface run-off as shown on **Figure III-C1**. The on-site sumps will be observed on a daily basis and emptied using the vacuum trucks or similar equipment, thus allowing these areas to drain to their respective sumps at all times. If the sump requires emptying, it will be accomplished via a vacuum truck, or similar equipment. Off-site discharge of contaminated stormwater or polluted waters will only occur after approval under the TPDES authority per 30 TAC §330.207.

As discussed earlier, these volumes are considered conservative in nature, since it is the intent of the Facility to use dry adsorbent to clean the tipping floor slab area. Wet cleaning will only be used on an as-needed basis to augment the dry-cleaning process.

3.1.7 Clay or Synthetic liner Collection Units under 30 TAC §330.331(b) and 30 TAC §330.207(b)

Since this is an application for a Type V transfer station, this section is not applicable.

3.1.8 One Foot of Freeboard for 25-Year, 24-Hour Rainfall Event for Contaminated Water 30 TAC §330.207(b)

Since the WSPS is covered, it is not necessary to design the overall system for one foot of freeboard over the 25-year, 24-hour stormwater event. Roof runoff will flow to the drainage trench located at the northern boundary of the property for off-site discharge. The WSPS building is designed to contain water that may have contacted waste using trench drains, sumps, asphalt berm, and retaining wall.

3.1.9 Septic System 30 TAC §330.207(d)

Contaminated water will not be discharged into a septic system.

3.1.10 Discharge Contaminated Water after Approval under Texas Pollution Control Discharge Elimination System Authority 30 TAC §330.207(e)

All liquids will be removed using vacuum trucks or similar equipment on an as-needed basis. The liquids will be disposed at an appropriately permitted facility or otherwise disposed in accordance with 30 TAC §330.207, and any other applicable local, state, or federal rules and regulations concerning polluted waters. Off-site discharge of contaminated stormwater or polluted waters will only occur after approval under the TPDES authority per 30 TAC §330.207.

3.1.11 Acknowledgement Discharge Wastewater Comply with 40 Code of Federal Regulations Part 403 30 TAC §330.207(f)(1)

All liquids will be removed using vacuum trucks or similar equipment on an as-needed basis. The liquids will be disposed at an appropriately permitted facility or otherwise disposed in accordance with 30 TAC §330.207, and any other applicable local, state, or federal rules and regulations concerning polluted waters. Off-site discharge of contaminated stormwater or polluted waters will only occur after approval under the TPDES authority per 30 TAC §330.207. Wastewater discharged from the site to a treatment Facility permitted under the Texas Water Code, Chapter 26 must comply with the requirements of 30 TAC §330.207(f).

3.1.12 Effluent Standard for Oil and Grease Concentration 30 TAC §330.207(g)

No grease, oil, or sludge will be accepted by the Facility; therefore, this section is not applicable.

3.2 Storage Requirements

3.2.1 Solid Waste Storage 30 TAC §330.209(a)

The Facility is authorized to receive permitted wastes as identified in **Section 2.1.1**. Trucks transporting waste proceed through the Facility's gated entrance off of Gessner Rd and traverse the Facility until they reach the WSPS. A schematic of the WSPS is shown on **Figure III-2**. All solid wastes received and processed at the Facility are stored such that it does not constitute a fire safety or health hazard.

Material storage areas will be inspected monthly for ponded water and the harborage vectors. Vectors will be discouraged by maintaining a clean, neat area, and by removal of items once sufficient quantities are available for off-site transport.

Trained personnel will monitor all incoming loads of waste and will be trained to become familiar with the rules and regulations governing the various types of waste that can or cannot be accepted by this Facility. Solid waste unloading will be limited to the concrete surfaced waste processing area. Prior to sorting, Site personnel will relocate any wastes unloaded in unauthorized areas, to the waste processing area.

3.2.2 On-Site Storage Area for Source Separated or Recyclable Materials 30 TAC §330.209(b)

All materials that are recycled from the WSPS will be placed into a temporary storage area adjacent to the waste processing area. Some of the recycled materials will be stacked and some will be stored on containers. The storage area will be maintained in a clean condition, so they do not constitute a nuisance and to retard the harborage, feeding, and propagation of vectors. All containers to be emptied manually will be capable of being serviced without the collector coming into physical contact with the solid waste and all containers that are mechanically handled are designed to prevent spillage or leaking during storage, handling and transport.

Waste and recyclables will be covered prior to offsite transport. Recycle materials will be removed from the Facility often enough to prevent the items from becoming a public nuisance, to preclude the discharge of any pollutants from the area, and to prevent an excessive accumulation of the material on Facility. The Facility will not accumulate recyclable materials in quantities that cannot be processed within such time as to avoid the creation of adverse conditions such as odors, windblown waste, insect breeding, or harborage of other vectors. If such accumulations occur, additional solid waste will not be received until the adverse conditions are corrected.

The Facility will not attempt to recycle large items (i.e., household appliances, etc.); rather, this material will be immediately transferred to a container destined to an off-site TCEQ approved landfill within 50 miles of the Facility for disposal or recycled.

3.2.3 Putrescible or Liquid Waste 30 TAC §330.209(c)

No putrescible or liquid waste will be accepted by the Facility; therefore, this section is not applicable.

3.3 Approved Containers

3.3.1 Container Design 30 TAC §330.211

Some of the recyclable materials from the WSPS will be placed into containers. Non-recyclable materials (solid wastes) that were not immediately transported off-site for disposal, at an off-site TCEQ approved landfill, will be placed into covered roll-off boxes to be stored in either the western or eastern side of the WSPS. Containers with processed non-recyclable solid waste will not remain on Facility longer than three days, including holidays and weekends, provided that the maximum storage does not exceed 1,150 tons at any time. Non-reusable containers will be of suitable strength to minimize animal scavenging or rupturing during collection operations. Reusable containers will be maintained in a clean condition, so they do not constitute a nuisance and to retard the harborage, feeding, and propagation of vectors. All containers to be emptied manually will be capable of being serviced without the collector coming into physical contact with the solid waste and all containers that are mechanically handled are designed to prevent spillage or leaking during storage, handling and transport.

Windblown waste and litter resulting from Facility operations will be collected at least once per day to minimize unsightly conditions and fire hazards. Collection will cover one mile in each direction along Gessner Rd, except to the South. South of Gessner Rd, waste and litter will be collected up to State Highway 290. The Facility will maintain the six-foot-high perimeter fence as a screening tool to minimize off Facility windblown materials.

3.3.2 Non-Reusable Containers 30 TAC §330.211(1)

Non-reusable containers will be of suitable strength to minimize animal scavenging or rupturing during collection operations.

3.3.3 Reusable Containers 30 TAC §330.211(2)

Reusable containers will be maintained in a clean condition, so they do not constitute a nuisance and to retard insect breeding and the harborage, feeding, and propagation of vectors.

3.3.4 Emptied Containers 30 TAC §330.211(2)(A)

All containers to be emptied manually will be capable of being serviced without the collector coming into physical contact with the solid waste.

3.3.5 Design Containers to Prevent Spillage/Leakage during Storage, Handling, and Transport 30 TAC §330.211(2)(B)

All containers that are mechanically handled are designed to prevent spillage or leaking during storage, handling, and transport.

3.4 Citizen's Collection Stations 30 TAC §330.213(a)-(b)

The Facility does not serve as a Citizen's Collection Station. Therefore, the requirements of §330.213 do not apply to this Registration Application.

3.5 Stationary Compactors 30 TAC §330.215(1) and (2)

The Facility does not have any stationary compactors; therefore, this section is not applicable.

4. Recordkeeping and Reporting Requirements 30 TAC §330.219

4.1 General Requirements

4.1.1 Maintain Copy of Permit/Registration/Application in Site Operating Record 30 TAC §330.219(a)

During the operating life of the Facility, the Operations Manager, Maintenance and Administrative Supervisors, or Maintenance and Administrative Supervisors designees will maintain a written Operating Record. Consistent with §330.219, copies of documents that are part of the approved permit process that are considered part of the Operating Record are listed in **Table IV-2**.

All information contained in the Operating Record will be made available during normal working hours for inspection by the ED of the TCEQ or his/her representatives. The Operating Record will be maintained at the Facility during Facility operations and will be made available for inspection by any officer, employee, or a representative of the TCEQ. Similar access to these records, plans, and data will be granted to duly authorized representatives of local governmental agencies acting under specific statutory authority with respect to this Facility (e.g., Harris County personnel).

4.1.2 Operating Record 30 TAC §330.219(b) (1) – (7)

The Facility, in accordance with §330.219(b), will promptly record and retain in the Operating Record for items listed in **Table IV-2**.

Table IV-2. Operating Record – 30 TAC §330.219(b)

Records to be Maintained in the Site Operating Record	Frequency	Rule Citation
MSW Registration No. *****	Once	§330.219(a)
Approved RA for MSW Registration No. *****	Updated as permit modifications are approved	§330.219(a)
SOP	As updated	§330.219(a)
Other required plans or related documents	As updated	§330.219(a)
Location restriction demonstrations	As updated	§330.219(b)(1)
Inspection records and training procedures	Per occurrence	§330.219(b)(2)
Closure plans and any monitoring, testing, or analytical data relating to closure requirements	As required	§330.219(b)(3)
Cost estimates and financial assurance documentation relating to closure	Annually	§330.219(b)(4)
Correspondence and responses relating to Facility operation, registration modifications, approvals, and technical assistance	Per occurrence	§330.219(b)(5)
Other documents specified in the registration or by the Executive Director	As required	§330.219(b)(7)
Trip tickets as required by §312.145(b)(2)	Per occurrence (retained for 5 years)	§330.219(b)(8)
Dates, times, and durations of alternative operating hours	As required	§§330.219(g) and 330.229(d)
Inspection records and training procedures relating to fire prevention and Facility safety	As needed	§330.221(c)
Personnel training records and detailed job descriptions	As needed	§330.219(b)(2)
Records to justify on a quarterly basis that the relevant percentage of the incoming waste is processed to recover recycled products	Quarterly and Annually	§330.219(b)(9)
Load inspection records	Per occurrence	§330.203
Personnel operator licenses	As needed	§330.219(b)(2)
All Site inspection and maintenance documentation – Facility Inspection and Maintenance Schedule	As required	§330.223 – §330.243
A record of each unauthorized material removal event	Per occurrence	§330.225
Documentation that all wastes leaving the Facility are being adequately managed by other licensed or permitted facilities	As needed	§330.205(a)
An as-built set of construction plans and specifications	After completion of construction	§330.219(a)

4.1.3 Signatory for Report 30 TAC§330.219(c)(1)(A) – (C)

The Facility personnel will sign all reports and other information requested by the ED as described in 30 TAC §305.44(a) or by an authorized representative of the Facility. For a person to be an authorized representative of the Facility, the authorization must:

1. Be made in writing as described in §305.44(a),
2. Specify either an individual or a position having responsibility for the overall operation of the Facility, and
3. Submitted in writing to the ED.

If an authorization is no longer accurate because of a change in individuals or position, a new authorization must be submitted to the ED prior to or with any submittal to be signed by an authorized representative. Any person signing a report will make the certification included in §305.44(b).

4.1.4 Submit Authorization to Sign No Longer Accurate New Authorization 30 TAC §330.219(c)(2)

If an authorization is no longer accurate because of a change in individuals or position, a new authorization must be submitted to the ED prior to or with any submittal to be signed by an authorized representative.

4.1.5 Certification in 30 TAC §305.44(b) by Person Signing Report 30 TAC§330.219(c)(3)

Any person signing a report will make the certification included in 30 TAC §305.44(b).

4.1.6 Notification 30 TAC§330.219(e)

The Facility, in accordance with §330.219(e), will furnish the Operating Record to the ED upon request and will be made available at all reasonable times at the Facility for inspection by the ED.

4.1.7 Record Retention 30 TAC§330.219(f)

In accordance with §330.219(f), the Facility will retain all information contained within the Operating Record of the Facility and all plans required for the Facility for the life of the Facility until after certification of closure.

4.1.8 Alternative Schedules 30 TAC§330.219(g)

The ED, in accordance with §330.219(g), may set alternative schedules for recordkeeping and notification requirements as specified in §330.219(g).

4.2 Personnel Training Records

Personnel training records will include the following information, at minimum:

- The job title for each position at the facility related to waste management and the name of the employee filling each job
- A written job description for each position related to waste management with education, or other qualifications, and duties of employees assigned to each position
- A written description of the type and amount of both introductory and continuing training that will be given to each person filling a position related to waste management

- Records that document that the training or job experience required has been given to, and completed by, facility personnel.

Training records on current personnel must be kept until facility closure and training records on former employees must be kept for at least three years from the date the employee last worked at the facility.

5. Fire Protection 30 TAC §330.221

Per §330.221, the following requirements must be met for proper fire protection at the facility:

- An adequate supply of water under pressure must be available for firefighting purposes.
- Firefighting equipment must be readily available.
- A fire protection plan shall be established, and all employees shall be trained in its contents and use. This fire protection plan shall describe the source of fire protection (a local fire department, fire hydrants, fire extinguishers, water tanks, water well, etc.), procedures for using the fire protection source, and employee training and safety procedures. The fire protection plan shall comply with local fire codes.

The fire protection plan will be discussed in **Section 5.1**.

5.1 Fire Protection Plan 30 TAC §330.221(c)

The following steps will be taken regularly by designated Site personnel to prevent fires:

- Open burning of waste is prohibited;
- Burning waste from incoming waste loads will be prevented from being unloaded within the Facility. The Facility operators will be alert for signs of burning waste such as smoke, steam, or heat being released from incoming waste loads. The vehicle will be directed to an area away from and not adjacent to the building, where waste can be safely discharged and the fire extinguished. Upon extinguishing the fire, the waste will be immediately moved to the compactor;
- Equipment used at the Facility will be routinely cleaned through the use of water or steam cleaners. The water or steam cleaning will remove combustible waste and caked material which can cause equipment overheating and increase fire potential;
- Fuel spills will be contained and cleaned up immediately;
- Smoking is not allowed in the working areas of the Facility. Smoking is confined to designated areas only, away from the receiving area, fuel stations, and other fire-sensitive areas; and
- The Facility is equipped with at least two strategically placed fire extinguishers. Each fire extinguisher will be fully-charged and ready for use at all times. Each extinguisher will be inspected on an annual basis and recharged, as necessary. These inspections will be performed by a qualified service company, and all extinguishers will display a current inspection tag. Inspection and recharging will be performed following each use. At a minimum, the office and applicable equipment will have fire extinguishers.
- The on-site water is supplied by community water system at a minimum pressure of 40 psi. this water source will be adequate for most small fires; and
- On-site hoses.

The fire protection plan is in compliance with local fire codes.

5.1.1 Procedures in the Event of a Fire 30 TAC §330.221(c)

The following general procedures will be taken in response to fires at the Facility:

1. Contact the Fire Department by calling 911. The Harris County Fire Department would respond if necessary;

2. Alert other Facility personnel;
3. Assess the extent of the fire, the possibility for the fire to spread, and alternatives for extinguishing the fire;
4. If it appears that the fire can be safely fought with available fire-fighting devices, attempt to contain or extinguish the fire until arrival of the Fire Department;
5. Upon arrival of the Fire Department, direct them to the fire, and provide assistance, if requested;
6. Do not attempt to fight a fire alone;
7. Do not attempt to fight a fire without adequate personal protective equipment (PPE);
8. Be familiar with the use and limitation of fire-fighting equipment; and
9. Fire-fighting methods include smothering the fire with soil, separating burning material from other waste, using on-site fire extinguishers, and the on-site water supplied by community water system. If detected soon enough, a small fire may be fought with a hand-held extinguisher. Fire extinguishers will be located at the main office and on major operating equipment i.e., track hoe. For small fires, the fire area should be watered or otherwise controlled to ensure that the fire is out or does not spread to adjacent areas.

Specific Fire-Fighting Procedures

The following procedures will be followed in the event of a fire:

1. If a fire is observed on stationary vehicle or piece of equipment, the first priority will be worker safety and getting all personnel safely away from the fire.
2. If the fire is on moving equipment, if possible, the vehicle or piece of equipment should be brought to a stop at a location away from any fuel supplies, solid wastes, and/or other vehicles. The driver will shut off the engine, engage the brake, or use some other appropriate method to prevent subsequent movement of the vehicle. In extenuating emergency circumstances, a driver may abandon the vehicle before it is safely secure. The Facility primary safety concern is worker safety.
3. If a small fire is discovered in the waste processing area,
 - a. An attempt to isolate the burning waste should be implemented quickly prior to attempting to extinguish the fire;
 - b. Apply water from the on-site source, and/or use the on-site fire extinguisher to attempt to fight the fire.
 - c. If any of these options are not possible or is considered unsafe, the area should be cleared of personnel and a path cleared for the Fire Department.

5.1.2 Availability of Water for Firefighting Purposes 30 TAC §330.221(a)

The on-site water is supplied by the community water system at a minimum of 40 psi. The water source will be adequate for most small fires.

5.1.3 Fire Fighting Equipment 30 TAC §330.221(b)

Fire-fighting equipment provided at the Facility includes fire extinguishers. A minimum of 2 fire extinguishers will be provided at the Facility. Fire extinguishers will be fully charged and ready for use at all times. Each extinguisher will be inspected and recharged, if necessary, as recommended by the manufacturer. A qualified service company will perform these inspections, and all extinguishers will display a current inspection tag. Inspection and recharging will also be performed following each use. At a minimum, the main building, and all heavy equipment and vehicles, will be equipped with fire extinguishers.

5.1.4 Fire Protection Training 30 TAC §330.221(c)

This training will involve the Operations Manager, Maintenance and Administrative Supervisors, and Equipment Operators. The purpose of the training is to review fire-fighting procedures, equipment, fire prevention methods, and PPE.

This training should help the Site personnel become familiar with the Facility operations and special techniques in preventing and minimizing the spread of fires. The following topics will be addressed:

- Fire Prevention;
- Fire Safety; and
- Fire Fighting Procedures; and
- Fire Extinguisher Use and Capabilities.

5.1.5 TCEQ Notification

After any fire (related to waste management activities that cannot be extinguished within 10 minutes of discovery) occurs, the TCEQ regional office will be contacted. The notification to the regional office will include:

- Contracting by telephone as soon as possible, but no later than 4 hours following fire discovery, and
- Providing a written description of the cause and extent of the fire and the resulting fire response within 14 days of fire detection.

The Facility will provide the appropriate TCEQ regional office as much as information as possible regarding the fire and fire-fighting efforts, as soon as possible after fire occurs. The fire prevention and fire control procedures for the Facility will be revisited following the occurrence of a significant fire to determine if modifications are warranted.

5.2 Access Control

The Facility will be accessed by incoming and outgoing waste vehicles via a designated entrance off Gessner Rd, as shown on **Figure II-15**. Access via Keough Rd will be restricted exclusively to staff and visitor vehicles. Vehicles entering the Facility property can be observed by the gatehouse attendant.

5.2.1 Facility Security 30 TAC §330.223(a)

Public access to the Facility for incoming and outgoing waste vehicles will be limited to the gated Facility entrance located on Gessner Rd. Access via Keough Rd will be restricted exclusively to staff and visitor vehicles. The Site Operator controls access and monitors vehicles entering and exiting the Facility. The Facility is fenced with a six-foot chain linked or equivalent fence with a lockable gate.

Entrance to the Facility is monitored by Site personnel during Facility operating hours. Outside operating hours, the gate will be locked. Entry to the Facility will be restricted to designated personnel, appropriate subcontractors, approved waste haulers, TCEQ personnel, and properly identified persons whose entry is authorized by Facility management. Visitors may be allowed in the Facility only when accompanied by a Facility representative.

The Facility will comply with schedule and notification requirements in **Table IV-3** for any access breach.

Table IV-3. Schedule and Notification Requirements for Access Breach

Requirements	Access Breach Repaired within 8 hours	Access Breach Not Permanently Repaired in 8 hours
Notify regional office of breach and repair schedule	not required	within 24 hours
Make temporary repairs	not required	within 24 hours
Make permanent repairs	within 8 hours	within schedule submitted to regional office in initial notice
Notify regional office when permanent repair completed	not required	within schedule submitted to regional office in initial notice

5.2.2 Access Road from Public Road 30 TAC §330.223(b)

Facility access for incoming and outgoing waste vehicles will be through an entrance located on Gessner Rd. Arriving trucks will enter through the gate located on Gessner Rd and proceed down towards the processing area for material segregation and recovery. Access via Keough Rd will be restricted exclusively to staff and visitor vehicles.

Within the Facility, signs will be placed along the entrance road at a frequency adequate to guide users to the proper transfer station areas and which roads are to be used. Roads not being used for access will be blocked or otherwise marked for no entry. An open area just inside the Facility's entrance is wide enough to accommodate trucks/vehicles and their turning radii prior to dumping/unloading.

5.2.3 Vehicle Parking 30 TAC §330.223(b)

Vehicle parking for employees and visitors is provided inside of the Registration Boundary. No vehicles or equipment will be parked within the 50-foot buffer zone.

5.2.4 Perimeter Control Fencing 30 TAC §330.223(c)

Facility security measures are designed to prevent unauthorized persons from entering the Facility, to protect the Facility and its equipment from possible damage caused by trespassers, and to prevent disruption of Facility operations caused by unauthorized Facility entry.

Unauthorized entry into the Facility is minimized by controlling access to the Facility with the perimeter fence and a locking gate at the entrance. The Facility is fenced with a six-foot chain link or equivalent with a lockable gate. The gate will be locked when the Facility is not accepting waste.

5.3 Unloading of Waste Unloading Areas 30 TAC §330.225(a)

The Facility is authorized to receive permitted wastes as identified in **Section 2.2.1**. All incoming waste vehicles – including transfer trailers, collection vehicles, and self-haul vehicles – will enter through a designated entrance off Gessner Rd. After entering the facility, incoming waste vehicles will circulate around the WSPS and stop at the scale for weighing before proceeding to the at-grade unloading bay on the west end of the WSPS to unload. Once unloaded, incoming waste vehicles will exit the facility and return to Gessner Rd. Loaded trucks with tarped loads may be staged outside the WSPS for short periods while awaiting access to the tipping floor or adequate capacity in the waste processing area.

Waste will enter on the southern side of the WSPS and be unloaded onto the tipping floor. Trained personnel will monitor all incoming loads and ensure compliance with rules governing acceptable waste types. Solid waste unloading will be limited to the concrete-surfaced waste processing area; any waste unloaded in unauthorized areas will be relocated by site personnel.

After sorting, recyclable materials will be placed in covered roll-off boxes on the southern side of the WSPS. Non-recyclable materials will be repacked into roll-off boxes, dumpsters, or trailers and transported via the transfer loading area on the eastern side of the WSPS. Equipment operators will observe unloading to prevent acceptance of prohibited wastes; any prohibited waste will be returned to the transporter or generator as outlined in **Section 5.3.5**. Flow diagrams illustrating storage, processing, and disposal sequences are shown in **Figure III-2**, and the general process schematic is depicted in **Figure III-1**.

Traffic will be directed by facility personnel as needed, and signs and barricades will prevent unloading in undesigned areas. Sorting will be performed using an excavator and skid steer, beginning with flattening loads and then separating materials such as concrete and metal. The Facility Operator may elect to install an elevated picking line within the confines of the WSPS. Large items (e.g., household appliances) will not be recycled but transferred to containers for disposal at a TCEQ-approved landfill or recycler within 50 miles of the Facility.

Outgoing transport vehicles carrying recyclable and non-recyclable materials will proceed through the transfer loading area on the eastern side of the WSPS for loading, stop at the scale for weighing, and then exit via Gessner Rd. Non-recyclable wastes will be transported off-site to a TCEQ-approved disposal facility within 50 miles.

5.3.1 Prevention of Indiscriminate Dumping 30 TAC §330.225(a)

Arriving trucks/vehicles will be directed to the WSPS area by signs. These vehicles will deposit their loads and depart the Facility. No private or commercial solid waste vehicles will be allowed access to any other areas of the Facility other than the waste processing area and drop-off point designated by the Maintenance and Administrative Supervisors for each workday. Site personnel will provide traffic directions as necessary to expedite the safe movement of vehicles. No solid waste unloading, storage, or Facility operations will occur within 50 feet of the registration boundary.

Within the Facility, signs will be placed along the road at a frequency adequate for users to be able to understand where the waste processing area is, and which roads are to be used. Roads not being used for access to the waste processing area will be blocked or otherwise marked for no entry.

All Facility roadways are routinely swept to control dust and mud accumulation.

5.3.2 Unacceptable Waste 30 TAC §330.225(a)

The Waste Spotter/Equipment Operator (WS/EO) at the WSPS will visually inspect all incoming loads. Should any indication of prohibited wastes be detected, the Maintenance and Administrative Supervisors will be immediately summoned to conduct a more thorough evaluation of the load. Should any prohibited waste be confirmed or suspected, the entire load will be refused and the driver will be instructed to depart the Facility. The Facility reserves the right to reject any load, regardless of the waste composition and without need of any justification or analytical support.

In addition to the above procedure, the inspection of incoming loads will be documented on a random basis. The Maintenance and Administrative Supervisors will be responsible for documenting the inspections, at a minimum of one inspection per week and a maximum of one inspection per day.

The Maintenance and Administrative Supervisors are required to maintain and include in the Facility Operating Record the following:

1. Load Inspection Reports;
2. Records of hazardous or PCB waste notifications (if detected)
3. Personnel training records.

Load Inspection Reports will be completed for each inspected load. The reports will include, at a minimum, the date and time of inspection, the name and address of the hauling company and driver, the type of vehicle, the size and source of the load, contents of the load, indicators of prohibited waste, and results of the inspection. A sample of the Inspection Report Form titled Monthly Inspection Report is included as **Figure IV-1**.

TCEQ notification is required whenever hazardous or PCB waste is detected. Records of the notifications will be kept in the Facility Operating Record and will include the date and time of notification, the individual contact details, and the information reported.

Personnel training records will be maintained in the Facility Operating Record and will include evidence of successful completion of the training, type of training received, and the name of the instructor.

5.3.3 Waste in Unauthorized Areas 30 TAC §330.225(b)

The unloading of solid waste in unauthorized areas is prohibited. Solid waste unloading will be controlled to prevent dumping in locations other than those specified by Facility management. Prior to sorting, Site personnel will relocate any wastes unloaded in unauthorized areas, to the waste processing area.

5.3.4 Detention and Prevention of Unloading or Processing of Prohibited Waste 30 TAC §330.225(c)

The prohibited Waste Detection and Exclusion Program at the Facility include, at a minimum, the following steps:

1. Random inspections of incoming loads;
2. Certification by the hauler "Load Contains No Prohibited Wastes";
3. Records of all inspections;
4. Training for Facility personnel to recognize regulated hazardous and PCB waste;

5. Notification sent to the TCEQ of any incident involving the acceptance of prohibited waste at the Facility;
6. Copies of the records for remediation of the incident by the hauler, the waste generator and/or the Facility; and
7. Sufficient security measure to prevent the unauthorized entry and dumping of wastes.

5.3.5 Managing of Prohibited Waste 30 TAC §330.225(c)

Prohibited wastes detected during the inspection will not be accepted by the Facility and will be returned immediately to the generator. If the hauler is not available, the waste will be safely stored in an enclosed container until provisions for removal can be arranged. The prohibited waste will be isolated to prevent its mixture with waste accepted by the Facility. TCEQ notification is required whenever hazardous or PCB waste is detected.

If hazardous or PCB wastes are detected and the hauler is not available, a hazardous waste specialty contractor will be retained. The hazardous waste specialty contractor will characterize the waste and notify the hauler to remove the waste from the Facility. As soon as is practical, the hauler will be required to remove the hazardous or PCB waste from the Facility. Prior to removal, the hauler must obtain a United States Environmental Protection Agency (USEPA) identification number, package the waste in accordance with Texas Department of Transportation (TxDOT) regulations, and properly manifest the waste designating a permitted facility to treat, store, or dispose of the hazardous or PCB waste.

5.4 Spill Prevention and Control 30 TAC §330.227

Stormwater will be managed and controlled in accordance with TCEQ regulations and conveyed to the storm drainage inlet along the existing ditch alongside Keough Rd. The stormwater management system layout and design considers that stormwater from a 25-year, 24-hour event within the operations area will be contained, and will be properly managed as described in the drainage calculation included **Part III, Attachment IIIC**.

Stormwater within the non-paved portions of the operations area will be managed by allowing these areas to drain to the Facility drainage system via underground HDPE pipes to the on-site detention pond. It is not anticipated that stormwater will collect in the processing and waste storage areas as these activities will occur in the roofed WSPS. Because the processing area will be covered and all waste sorting and storage operations will be conducted under cover, the generation of potentially contaminated stormwater is greatly minimized.

In addition, Facility personnel will handle any sudden and non-sudden releases or spills as indicated in **Section 6.20**.

5.5 Site Operating Hours

5.5.1 Facility Operating Hours 30 TAC §330.229(a)

The Facility will receive and process waste at a maximum 24 hours per day, 7 days per week. Hours of operation may vary slightly, within the above referenced hours, depending on incoming waste volumes. **Figure IV-2** illustrates the Facility signage.

5.5.2 Waste Acceptance Hours and Operating Hours for Operating Heavy Equipment and Transporting Materials 30 TAC §330.229(a)

The Facility will receive and process waste at a maximum of 24 hours per day, 7 days per week. Hours of operation of the facility are based on the operating hours of the commercial and construction/demolition business within the Houston-Galveston Area Council (H-GAC) area, which are 24 hours per day, 7 days per week. In addition, the Facility is surrounded by mixed use properties that vary from industrial, commercial, residential, and agricultural and other. Hours of operation may vary slightly, within the above referenced hours, depending on incoming waste volumes. **Figure IV-2** represents the Facility signage.

5.5.3 Alternative Operating Hours 30 TAC §330.229(b)

The Facility will receive and process waste at a maximum of 24 hours per day, 7 days per week. Hours of operation may vary slightly, within the above referenced hours, depending on incoming waste volumes.

5.5.4 Site Operating Record of Alternative Operating Hours 30 TAC §330.229(d)

The section is not applicable since the Facility will receive and process waste at a maximum of 24 hours per day, 7 days per week.

5.5.5 Additional Temporary Operating Hours 30 TAC §330.229(c)

The section is not applicable since Facility will receive and process waste at a maximum of 24 hours per day, 7 days per week.

5.6 Facility Sign 30 TAC §330.231

An entrance sign will be displayed at the entrance gate to the Facility located on Gessner Rd (see **Figure IV-2**). This sign will measure at least four feet by four feet and will have lettering of at least three inches in height, which states the name of the Facility, type of TCEQ MSW site, hours and days of operation, the name of the applicant, and the TCEQ registration number, 24-hour emergency contact number, and emergency fire department contact number.

At the entrance of the Facility, three informative signs will be installed. The first sign will display the site rules, as detailed in **Figure IV-3**. Adjacent to it, there will be a sign indicating the types of waste prohibited at the Facility, referencing **Figure IV-4**. Lastly, a sign specifying the waste permitted at the Facility will be placed, corresponding to **Figure IV-5**. Additional traffic signs will be placed at locations within the Facility to adequately inform users of the location of the waste processing area and site rules.

5.7 Control of Windblown Material and Litter

5.7.1 Collect Windblown Waste and Litter 30 TAC §330.233(a) and a(2)

Windblown waste and litter resulting from operations will be collected at least once per day to minimize unsightly conditions and fire hazards. Collection will cover one mile in each direction along Gessner Rd, except to the south. South of Gessner Rd, waste and litter will be collected up to State Highway 290.

Any noted waste materials that may have spilled from the waste hauling vehicles traveling to the Facility will be cleaned-up. The Maintenance and Administrative Supervisors will consult with the TxDOT concerning the clean-up of state highways and rights-of-way.

5.7.2 Control of Windblown Waste 30 TAC §330.233(a)(1)

Windblown wastes and litter will be controlled by combining several of the following means:

- All waste transportation vehicles using this Facility will be required to have adequate covers or other means of containment for the wastes they transport (tarpaulins, nets, etc.). The adequacy of covers or containment methods for the incoming waste shipments will be checked at the Facility entrance. The Facility will take actions such as posting signs, reporting offenders to proper law enforcement officers, adding surcharges or other similar measures if untarped vehicles are observed entering the Facility. Windblown waste will be minimized by limiting and rejecting loads with too much loose material.
- Processing operations will occur under a covered structure of the WSPS to minimize windblown materials.
- Windblown waste and litter resulting from operation will be collected at least once per day to minimize unsightly conditions and fire hazards. Collection will cover one mile in each direction along Gessner Rd, except to the south. South of Gessner Rd, waste and litter will be collected up to State Highway 290. Any noted waste materials that may have spilled from the waste hauling vehicles traveling to the Facility will be cleaned-up. The Maintenance and Administrative Supervisors will consult with the TxDOT concerning the clean-up of state highways and rights-of-way.
- The Facility will provide a wire or other type of fencing or screening when necessary to minimize windblown materials.

5.7.3 Minimize Windblown Waste 30 TAC §330.233(b)

The Facility will maintain a six-foot-high perimeter fence as a screening measure to minimize windblown materials leaving the Site.

5.8 Material Along Route to the Facility 30 TAC §330.235

The Facility will take steps to encourage vehicles hauling waste to the Facility are enclosed or properly covered with a tarpaulin, net, or other means to properly secure the load. The adequacy of covers or containment methods for the incoming waste shipments will be checked at the Facility entrance. The Facility will take actions such as posting signs, reporting offenders to proper law enforcement officers, adding surcharges or other similar measures if untarped vehicles are observed entering the Facility.

The Facility will provide for the cleanup of waste materials spilled along and within the right-of-way of Gessner Rd, extending one mile in each direction or until reaching State Highway 290. Cleanup of the spilled materials will be performed at least once per day when the Facility is in operation. The Facility will consult with TxDOT, county, and/or local government officials concerning cleanup of roads and rights-of-way consistent with §330.235.

5.9 Facility Access Roads Weather Access Road 30 TAC §330.237(a)

Access to the Facility for incoming and outgoing waste vehicles will be provided via a site entrance off Gessner Rd. Access via Keough Rd will be restricted exclusively to staff and visitor vehicles. The entrance has a gate that will be opened and unlocked during operating hours. Arriving trucks will enter through this gate and proceed down the gravel roadway towards the processing area for material segregation and recovery.

Internal roads will be constructed with a crushed-stone surface or other suitable material. The all-weather surface entrance, access, and internal roads will provide mud control for the waste hauling vehicles prior to

exiting the facility and returning to public access roads. An open area just inside the Facility's entrance is wide enough to accommodate trucks/vehicles and their turning radii prior to dumping/unloading.

Arriving waste trucks/vehicles will be directed to the WSPS by signs. These vehicles will deposit their loads and depart from the Facility. No private or commercial solid waste vehicles will be allowed access to any other areas of the Facility other than the waste processing area and drop-off point designated by the Maintenance and Administrative Supervisors for each workday. Site personnel will provide traffic directions as necessary to expedite the safe movement of vehicles.

All on-site roadways will be maintained on a regular basis to minimize depression, ruts, and potholes. Within the Facility, signs will be placed along the road at a frequency adequate for users to be able to understand where the waste processing area is, and which roads are to be used. Roads not being used for access to the waste processing area will be blocked or otherwise marked for no entry. All site roadways are routinely swept to control dust and mud accumulation. The entrance and internal roads will be maintained in a clean and safe condition.

5.9.1 Dust Control 30 TAC §330.237(b)

All Site roadways are routinely swept to control dust and mud accumulation.

5.9.2 Depression, Ruts, and Potholes 30 TAC §330.237(c)

All on-site roadways will be maintained on a regular basis to minimize depression, ruts, and potholes.

5.10 Noise Pollution and Visual Screening 30 TAC §330.239

All Facility operations are screened behind perimeter fencing. the Facility is surrounded by mixed use properties that varies from industrial, commercial, residential, and agricultural and other, which have a similar level of noise pollution.

5.11 Overloading and Breakdown 30 TAC §330.241

5.11.1 Design Capacity 30 TAC §330.241(a)

The design capacity of the solid waste processing Facility will not be exceeded during operation. The Facility will not accumulate solid waste in quantities that cannot be processed within such a time as to avoid the creation of adverse conditions such as odors, insect breeding, or harborage of other vectors. If such accumulations occur, additional solid waste will not be received until the adverse conditions are abated.

In the event that the Facility becomes inoperable for periods longer than 24 hours the Facility will restrict the receipt of solid waste to the Facility and the incoming waste stream will be diverted to another Type V Transfer Station registered with the state or sent to a permitted landfill for disposal. If the work stoppage is anticipated to last long enough to create objectionable odors, insect breeding, or harborage of vectors, steps shall be taken to remove the accumulation of solid waste from the Facility to an approved backup processing or disposal facility.

5.11.2 Restriction, Diversion or Removal Waste if Work Stoppage 30 TAC §330.241(b)

If such accumulations occur, additional solid waste will not be received until the adverse conditions are abated.

5.11.3 Inoperable Facility 30 TAC §330.241(c)

The maximum allowable accumulation before offsite transportation is 1,150 tons, and this material may remain onsite for no more than three days, including holidays and weekends, provided that the maximum storage does not exceed 1,150 at any time. Accumulated waste will be stored in containers and within the WSPS to ensure compliance with operational and regulatory requirements.

If the transfer station operation becomes inoperable for a period greater than 24 hours, all collection vehicles and private individual vehicles will be directed to proceed directly to another Type V Transfer Station registered with the state or sent to a permitted landfill to deposit solid waste at that location. If the work stoppage is anticipated to last long enough to create objectionable odors, insect breeding, or harborage of vectors, the accumulated waste will be transferred to another state-registered Type V Transfer Station or transported to a permitted landfill using collection vehicles.

5.12 Sanitation 30 TAC §330.243

5.12.1 Washing Down Working Surfaces 30 TAC §330.243(a)

The WSPS will be cleaned on a daily basis at the completion of processing during the Transfer Station operations. Cleaning operation will consist of sweeping waste to remain on Facility to as small area as practical and sweeping the area with a broom. The WSPS, where the incoming waste is unloaded, will be washed down at least twice weekly.

5.12.2 Accumulation of Wash Water 30 TAC §330.243(b)

Wash down liquids will be collected within confines of the WSPS for proper handling to prevent the creation of odors or attraction to vectors, as indicated in **Section 3.1.5**.

5.12.3 Collection and Disposal of Wash Water 30 TAC §330.243(c)

Wash water will be collected and handled as indicated in **Section 3.1.5**.

5.13 Ventilation and Air Pollution Control

5.13.1 Air Emissions 30 TAC §330.245(a)

No significant air pollution emissions are expected to result from operations of the Facility. In accordance with 30 TAC §330.245(a), air emissions will not cause or contribute to a condition of air pollution as defined in the Texas Clean Air Act.

5.13.2 Obtain Required Authorizations under Chapter 116 or Subchapter U from Air Permits Divisions 30 TAC §330.245(b)

In accordance with 30 TAC §330.245(b), the Facility will obtain the necessary Standard Air permits or PBR prior to operations.

5.13.3 Odor-Retaining Containers and Vessels 30 TAC §330.245(c)

The Facility will only accept wastes that do not include household garbage, liquid wastes, or other solid wastes that may cause odor problems; therefore 30 TAC §330.245(c) is not applicable. Additionally, all waste processing will take place within the WSPS. Since the WSPS is a covered building with open sides, special ventilation is not required.

5.13.4 Ventilation and Nuisance Odors 30 TAC §330.245(d)

In accordance with 30 TAC §330.245(d), the Facility will be designed and operated to provide adequate ventilation for odor control and employee safety. To meet the requirement of 30 TAC §106.534(7)(B), which mandates a ventilated building with a minimum vertical exhaust vent at least 16 feet above ground level and a capacity of 45,000 cubic feet per minute for facilities retaining over 1,000 tons of waste overnight, the exhaust vent will be installed on the roof of the WSPS.

The Facility will prevent nuisance odors from leaving the boundary of the Facility. If nuisance odors are found to be passing the Facility boundary, the Facility will immediately take action to abate the nuisance. The Facility may be required to suspend operations until nuisance odors are abated. Odors are controlled by limiting waste management operations to within the concrete paved and curbed processing area. Water systems may be used to suppress odors, if needed.

5.13.5 Air Pollution Emission 30 TAC §330.245(e)

No air pollution control devices will be required because no emissions will result from the transfer station operations. Thus, rules 30 TAC §330.245(e) is not applicable.

5.13.6 Measure/Equipment to Control Odor 30 TAC §330.245(f)(1) – (4)

Odors are controlled by limiting waste management operations to within the WSPS. The WSPS is located to provide a buffer zone from the property boundary in accordance with 30 TAC §330.245(f)(2). All other sections of 30 TAC §330.245(f) are not applicable. In the event that unacceptable odors do occur, the following procedures may be implemented:

- The Operations Manager, Maintenance and Administrative Supervisors will stop incoming loads of odor causing waste when detected;
- Install odor control system; or
- Retain an independent odor control specialist.

5.13.7 Process Areas 30 TAC §330.245(g)

Rules 30 TAC §330.245(g) is not applicable.

5.13.8 Reporting Emissions Events 30 TAC §330.245(j)

Reporting of emissions shall be made in accordance with §101.201 and reporting of scheduled maintenance shall be made in accordance with §101.211.

5.13.9 Ponded Water 30 TAC §330.245(k)

As part of routine Facility inspections, areas with ponded water will be remedied by draining or backfilling, as appropriate, in accordance with 30 TAC §330.245(k).

5.14 Employee Sanitation Facilities 30 TAC §330.249 Potable water and sanitary facilities will be provided for all employees and visitors. These facilities will be made available at the Legacy Green Recycling Center. This facility will be made available at the dispatch office.

6. Health and Safety Plan 30 TAC §330.247

Training for Facility personnel will include health and safety training.

Safety training for all personnel will be provided routinely and will be the responsibility of the operator. The operator will enforce safety rules and policies and will promptly investigate and report all accidents. Operators will wear personal protective equipment, such as hard hats, safety glasses, and dust masks, when appropriate.

Detailed procedures that comprise the Health and Safety Plan for the facility are discussed below.

6.1 Emergency Preparedness

Preparedness and preventive measures will be implemented at the Facility to minimize both the frequency and severity of accidents and emergency situations threatening human health. These measures will largely depend on the attentiveness and state of readiness of facility personnel. All personnel will undergo in-house training to introduce the measures below.

6.1.1 General Measures

The following general measures will be implemented for the Facility:

- Employee breaks or rest periods will be provided to minimize employee fatigue factor, improve alertness, and thereby reduce accident potential.
- Access controls will prevent entry of unauthorized personnel.
- Routine preventive equipment maintenance will be provided.
- Appropriate personnel safety equipment will be maintained onsite in good condition.
- Adequate turning areas for vehicles will be provided.
- Scavenging will not be allowed, and individuals will be required to stay close to their vehicles for their protection.
- Unloading will be restricted to designated areas only.
- Facility personnel will be alert for possible prohibited wastes entering the Facility.
- Prohibited wastes will be controlled or contained and removed, as necessary.

6.1.2 Measures for the Unloading and Receiving Area

The following measures will be implemented within the unloading/receiving area of the Facility:

- Trained personnel will observe waste discharge and randomly inspect loads according to procedures set forth in this SOP.
- Observation of incoming vehicles will be performed for evidence of improper operation, faulty equipment, or other conditions that could be detrimental to the Facility personnel or other persons onsite.
- Emergency equipment will be available, and a first-aid kit maintained in the Facility.
- Emergency telephone numbers will be displayed.
- Signs will be displayed warning transporters that hazardous wastes and PCB, radioactive, and other prohibited wastes are not accepted.

6.2 Emergency and Contingency Procedures

Emergency and contingency procedures will be implemented at the Facility in the event of accidents or environmentally significant releases of waste or waste constituents to air, soil, surface water, or groundwater. These procedures constitute an initial response by Facility staff that will be supplemented, as necessary, by outside emergency services. Emergency assistance requests will be handled through conventional means (calling 911).

The following situation-specific procedures are initially proposed and are subject to amendments, as required, based on experience gained with time.

6.2.1 Accidents

The procedures to address various types of accidents are discussed in the following sections.

6.2.1.1 General Procedures

For an incident involving a spill or release that requires notification, Facility personnel should:

1. Notify the appropriate federal or state agency affected by the release and report the following information:
 - A. Caller's name and telephone number.
 - B. Name and address of the facility.
 - C. Time and type of release.
 - D. Name and quantity of material(s) involved (to the extent known).
 - E. Extent of injuries if any.
 - F. Possible hazards to human health or the environment outside the Facility.
2. Take appropriate measures to prevent the spreading or worsening of the situation.
3. Notify the Facility manager or designated representative of the details of the spill.
4. Make arrangements to collect, store, treat, or dispose of all recovered waste and clean-up residue.
5. Investigate possible methods of preventing recurrence of the incident.

6.2.1.2 Vehicular Accidents

If an accident involving vehicles or equipment occurs, Facility personnel should:

1. Determine whether personal injury has occurred; if so, follow the steps outlined in **Section 6.2.1.3**, which addresses personal accidents.
2. Determine whether the vehicle(s) can be safely moved under its own power.
 - A. If so, move the vehicle(s) out of the way of normal traffic flow.
 - B. If the vehicle(s) cannot move on its own power and is interrupting traffic flow, push the vehicle(s) out of the way using site equipment.
3. Notify the Facility manager or designated representative of the details of the accident.
4. Arrange to have any disabled vehicles towed from the Facility in accordance with specific instructions from the Facility manager or designated representative.

6.2.1.3 Personal Accidents

1. Determine the nature and extent of the injuries.
2. Administer basic emergency first-aid techniques if safe.
3. Call for outside emergency assistance (911).
4. Report incident to the Facility manager or designated representative.
5. Transport victim(s) to a professional medical care facility by conventional means if injuries require non-emergency medical attention.

6.2.2 Releases

The procedures to address various types of releases are discussed in the following sections.

6.2.2.1 Sudden Releases

For sudden releases of smoke, vapors, liquids, or unusual odors, facility personnel should:

1. Remove personnel from the area if safety is threatened.
2. Discontinue operation in the immediate area until authorized to resume.
3. Notify the Facility manager or designated representative, who will investigate the cause and correct it.
4. Notify the Facility manager or designated representative of the extent of the sudden release and prepare a plan of action to correct the problem.

6.2.2.2 Non-Sudden Releases

For non-sudden releases involving persistent odors or windblown waste, Facility personnel should:

1. Notify the Facility manager or designated representative of the non-sudden release and recommend actions to be taken.

7. Site Personnel, Operational Requirements and Training

7.1 Site Personnel – Function & Minimum Qualifications of Key Personnel

Responsibility for overall management and operation of the facility will rest on the Operations Manager, and the Maintenance and Administrative Supervisors of Legacy Green Recycling Center. These persons are responsible for assuring that adequate personnel and equipment are available to provide facility operations in accordance with this SOP and in adherence with TAC regulations. An organizational chart for the Legacy Green Recycling Center is shown below. At least one person will be onsite at all times during operational hours that holds a current MSW Class A or Class B Supervisor's License. Typical staffing levels for the Recycling/Transfer Station are indicated in **Table IV-4**. The same individual may perform these functions provided that the minimum-staffing complement listed in this section is available on site.

Organization Chart

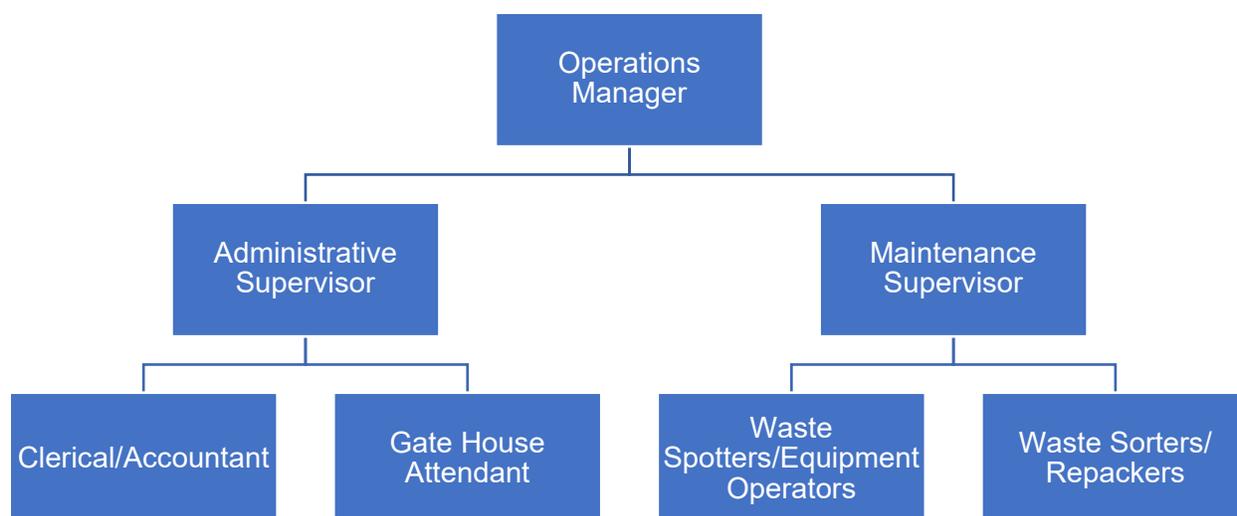


Table IV-4. Typical Staffing Levels

Personnel Category	Typical Minimum staffing	Typical staffing
Operations Manager ¹	1	1
Maintenance and Administrative Supervisors	1	2
Gate House Attendant	1	1
Clerical/Accountant		1
Equipment Operators	1	4
Other Site Personnel/Waste Sorters/ Repackers/Waste Spotters ²	1	6
Total	5	15

Source: Legacy Green Recycling Center, 2025

¹The Operations Manager, Maintenance and Administrative Supervisors may perform other staff position duties.

²The Waste Spotters may perform Equipment Operator duties.

7.1.1 Operations Manager

The Operations Manager is responsible for overall management and the general direction of the facility and materials recovery operations. The Operations Manager supervises the Maintenance and Administrative Supervisors and will fulfill the role of Maintenance and Administrative Supervisors when the Maintenance and Administrative Supervisors are not on site.

The Operations Manager must hold and maintain a Class B MSW facility supervisor's license or greater in accordance with 30 TAC, Part 1, Chapter 30, Subchapters A and F and will have a minimum of six months of MSW facility operation experience or six months of on-the-job training. The Operations Manager must be familiar with the specific operating procedures set forth in this SOP and will participate in training with other employees.

7.1.2 Maintenance and Administrative Supervisors

The Maintenance and Administrative Supervisors are responsible for overall management and the general direction of the facility and materials recovery operations and reports directly to the Operations Manager of Legacy Green Recycling Center. The Maintenance and Administrative Supervisors have the authority to hire the necessary supervisory and operating personnel for the facility and to arrange or provide for their training and orientation. These individuals also ascertain equipment needs of the facility and initiate any purchasing, leasing, and renting of additional equipment. The Maintenance and Administrative Supervisors may also engage outside contractors, as needed, to provide necessary supplemental equipment, services, or labor as deemed necessary for site operation. The Maintenance and Administrative Supervisors are the designated regulatory contact individuals for the facility and are responsible for environmental compliance at the facility. Additional facility personnel reporting directly to the Maintenance and Administrative Supervisors are the gate house attendant, accounting clerk, equipment operators, and other personnel (Waste Sorters/Repackers) which may be employed at the facility.

The Maintenance and Administrative Supervisors must hold and maintain a Class B MSW facility supervisor's license in accordance with 30 TAC, Part 1, Chapter 30, Subchapters A and F and will have a minimum of six months of MSW facility operation experience or six months of on-the-job training. The Maintenance and

Administrative Supervisors must be familiar with the specific operating procedures set forth in this plan and will participate in training with other employees. The Maintenance and Administrative Supervisors or his designees are also responsible for routine site inspections as described herein. In the absence of the Maintenance and Administrative Supervisors, the Operations Manager will assume the Maintenance and Administrative Supervisors' responsibilities.

7.1.3 Gate House Attendant

The Gate House Attendant is responsible for receiving incoming calls from customers and dispatching containers to specified locations at the request of the customer.

7.1.4 Clerical/Accountant

The Clerical/Accountant is responsible for maintaining all facility recordation.

7.1.5 Waste Spotter/Equipment Operator

Waste Spotter/Equipment Operator (WS/EO) is responsible for monitoring the unloading of waste shipments at the incoming waste staging area for prohibited wastes. Through training and experience, this individual will be able to recognize the physical characteristics of prohibited waste [hazardous waste, prohibited polychlorinated biphenyls (PCB) waste, or otherwise prohibited waste] and will be alert for these materials in incoming waste shipments. This individual will be responsible for monitoring and directing the unloading of vehicles at the facility. All improper operations, dangerous conditions, or receipt of prohibited wastes will be reported immediately to the Maintenance and Administrative Supervisors. The WS/EO will be on duty at the incoming waste processing area during regular working hours performing dual duties as the Equipment Operator and as the waste spotter. As the responsible employee for sorting and processing the incoming wastes, this employee will be able to visually monitor all incoming loads of waste. If the WS/EO is not available to monitor incoming waste streams, the Maintenance and Administrative Supervisors or another full-time employee will visually inspect each truckload of waste received by the facility until such time the WS/EO returns to the processing area for incoming wastes.

7.1.6 Other Site Personnel/Waste Sorters/Repackers

Other site personnel (Waste Sorters/Repackers) are responsible for processing and hand-sorting reusable and recyclable materials from the incoming waste streams, maintenance of equipment, construction, or repairs to site features and structures, litter abatement, and any general site clean-up. These employees will be responsible for alerting other staff members of potentially dangerous conditions since they are closely involved in the sorting and recycling operations at the facility.

Typical staffing levels for the Recycling/Transfer Station are indicated in **Table IV-4**. The same individual may perform these functions.

7.2 Site Personnel – General Instructions for Personnel Concerning Operational Requirements 30 TAC §330.127(3)

A comprehensive Personnel Training Program has been developed and will be employed throughout the operating life of the facility. This Training Program shall provide solid waste management procedures and operations training to employees who are assigned to, or have responsibility for, the Transfer Station operation.

Training shall consist of both initial training and continuing training courses which shall provide instruction on current state and federal laws, TCEQ rules regarding solid waste management, facility operation and maintenance, environmental monitoring, public health and environmental protection, response to emergency situations, and facility design and construction.

7.3 Training – Applicable Training Requirements 30 TAC §335.586

The two major objectives of the Personnel Training Program at the Legacy Green Recycling Center are:

- To thoroughly train appropriate employees in the proper performance of their individual job duties, which pertain to solid waste management; and
- To prepare all appropriate employees to implement the proper emergency procedures effectively, if necessary.

To accomplish these objectives, both on-the-job training and formal instruction in solid waste management procedures, safety, emergency procedures, legal requirements, and facility operations procedures are provided to personnel involved with the handling, transportation, and disposal of solid waste. Personnel shall receive training appropriate to individual needs as well as specific job duties and responsibilities within 6 months of employment or assignment to a new position. These personnel shall be trained to perform their duties safely and in accordance with the applicable requirements for solid waste management. The training program shall be designed to enable facility personnel to respond effectively to emergencies by familiarizing personnel with emergency procedures and equipment. Personnel must successfully complete the training program within 6 months of their employment or assignment to the facility. Additional supervision will be provided to personnel during training, and personnel activities will be limited during the training period.

The Personnel Training Program includes familiarization with regulations applicable to generators and transporters of prohibited wastes and provides general descriptive characteristics of prohibited wastes. Training personnel to recognize prohibited wastes in the incoming wastes will help prevent management at the facility. Personnel training will be performed by individuals experienced in solid waste management procedures and operations, safety, and related subjects.

Topics for training may vary but will be conducted annually for the following:

- Safety;
- Fire protection, prevention, and evacuation;
- Fire extinguisher usage;
- Emergency response;
- Litter control and windblown waste pick-up;
- Hazardous waste and PCB detection and control (waste screening, if applicable);
- Prohibited waste management;
- Random inspection procedure;
- Spill Prevention Control Plan; and
- Stormwater Pollution Prevention Plan.

The training program will also ensure that personnel, as appropriate for their position, are familiar with emergency procedures, emergency equipment, and emergency systems as response to fires or explosions.

The training shall be specific to the duties, tasks, and responsibilities of each employee's position. Experienced employees, or supervisors, who are knowledgeable of the requirements for satisfactory job performance, shall provide on-the-job training and monitor employee's progress. On-the-job training is progressive, typically beginning with demonstrations, and then followed by closely supervised practice. When the employee has demonstrated the ability to understand and perform the job and its related safety and emergency response functions, the supervisor acknowledges the satisfactory completion of the employee's on-the-job training by making an appropriate entry in the training records.

Successful completion of the appropriate training activities by an employee is required to fill an operator position, in addition to formal training. When an existing employee is transferred or promoted to a new position with training requirements that differ from the previous position, that employee undertakes any additional training required.

Training will include both introductory and continuing training as required by 30 TAC §335.586(c). Introductory training (4 hours minimum) provided to the Operations Manager, Maintenance and Administrative Supervisors, Gate House Attendant, Equipment Operators, Waste Sorters, Repackers, and Waste Spotters, will include safety training, emergency training, and training required to perform specific personnel assigned tasks. The frequency of continuing education and training activities will vary according to job title and position. Site personnel will be provided with an annual review (2 hours minimum) of the initial training required for the position.

Proof of training, including firefighting and continuing training, shall be maintained at the facility and shall be available for inspection by personnel from TCEQ, the City of Houston, and Harris County.

7.3.1 Employee Training Documentation

Three types of personnel training documentation will be maintained:

1. Job title lists;
2. Job descriptions; and
3. Records of job training.

The first type of training documentation consists of job titles for all solid waste management positions. This list contains the name of the person occupying each position and will be revised, as necessary.

The second type of training documentation is a job description for each position. Included in the general job description are any required education or experience, initial and continuing training required, and the job duties and responsibilities during emergency response, if any. The type and amount of introductory and ongoing training to be given for a particular position is also incorporated into the general job description.

Records of personnel training are the third type of training documentation. These records consist of a general facility training file, which includes a record of each employee's training history. The general facility file contains a description of each formal training activity, the date(s), personnel who attended, and an indication of satisfactory accomplishment of training goals by each person. The same or similar information is included on an individual training record that is maintained for each person in the training program.

Annually, the Maintenance and Administrative Supervisors will review the training files against the personnel roster and job description training requirements to verify that the frequency and type of training required for each job is provided. This annual review will also demonstrate if the facility's training objectives are being met.

Training records on all former employees will be retained for a minimum of 3 years following termination of their employment. Training records on current employees will be kept until 3 years after facility closure.

7.3.2 Employee Training Records

The Legacy Green Recycling Center will maintain training records in the Site Operating Records to show the training provided to landfill staff and management. These records will contain:

1. The general job title for each position at the facility and the name of the employees filling each position;
2. A description of the general job duties related to solid waste management for each position, including any prerequisite skills, education, or other qualifications and duties for each position;
3. A general description of the type and amount of both initial and continuing training given to employees filling each position; and
4. Records which document that the training or on-the-job experience required have been given to and satisfactorily completed by all appropriate facility personnel. **Table IV-5** presents a listing of site personnel and training summary.

Table IV-5. Site Personnel and Training Summary

Position	Required Training Topics										
	Site Orientation	Site Operations	Prohibited Waste Identification	Safety	Fire Prevention	Load Inspection	SPCC (as applicable)	Emergency Response	Litter Control	Random Inspections	SWPPP (as applicable)
Operations Manager	X	X	X	X	X	X	X	X	X	X	X
Maintenance and Administrative Supervisors	X	X	X	X	X	X	X	X	X	X	X
WP/EO	X	X	X	X	X	X	X	X	X	X	X
Waste Sorters/Repackers	X	X	X	X	X	X	X	X	X	X	X
Clerical/Accountant/Gate House Attendant	X						X	X			X

Source: (Legacy Green Recycling Center, 2025)

8. Site Equipment

Sufficient equipment will be provided to conduct site operations in accordance with the design, SOP, and waste acceptance rates.

Table IV-6 below shows the following list of equipment that is expected to be routinely available for use at the Facility. Equipment requirements may vary in accordance with the waste acceptance rate at any given time. Additional equipment will be provided as required for increasing volumes of incoming solid waste and for the processing of recyclable materials. In case of breakdowns, backup equipment is available from the Facility. Other equivalent types of equipment by other manufacturers may be substituted on an as-needed basis.

Table IV-6. Facility Equipment List

Equipment	Typical Size ⁽¹⁾	Function
Loader	Various makes and types	Move and sort waste and recyclables in WSPS, load waste for transport to landfill, load recyclables
Excavators	Various makes and types	Move and sort waste and recyclables in WSPS, load waste for transport to landfill, load recyclables
Roll off and Recyclables Containers	Up to 40 yd ³	Storing materials in prior to hauling
Skid Steer with bucket and sweeper	Bucket and sweeper	Sweep roadways, pick up and sweep waste loadout area, assist as needed in waste/recyclable movement
Sump Pump	Portable	For moving liquid from sumps
Pressure Washer	Portable	For wash down of WSPS
Vacuum Truck	Portable	For removing liquid from sumps

⁽¹⁾ Number, types, and equipment manufacturers will vary based on operational needs.

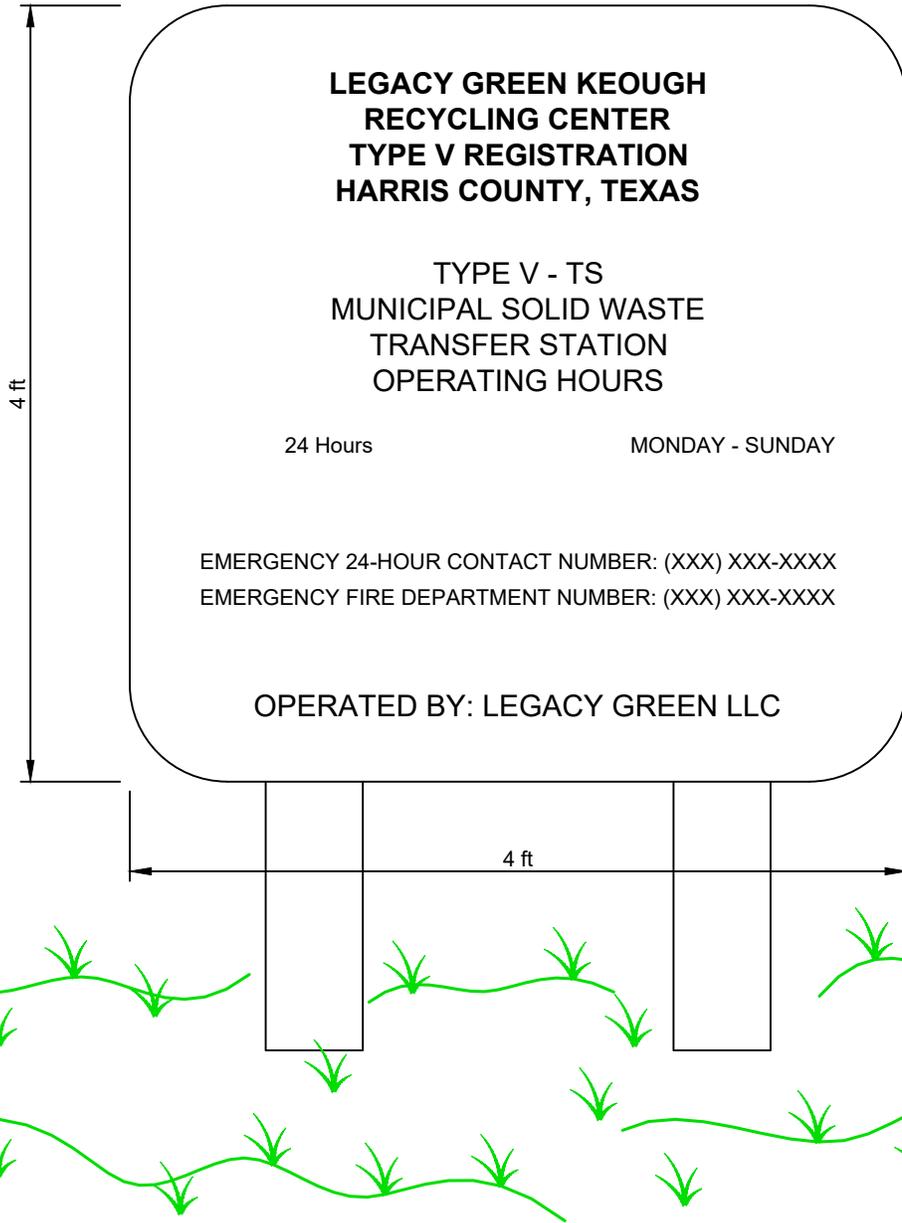
Source: Legacy Green Recycling Center, 2026.

Type V Transfer Station Registration Application
Legacy Green Keough Recycling Center

PART IV - FIGURES

- IV-1 Monthly Site Inspection Form
- IV-2 Facility Sign
- IV-3 Sign Displaying Site Rules
- IV-4 Sign Displaying Prohibited Wastes
- IV-5 Sign Displaying Authorized Wastes

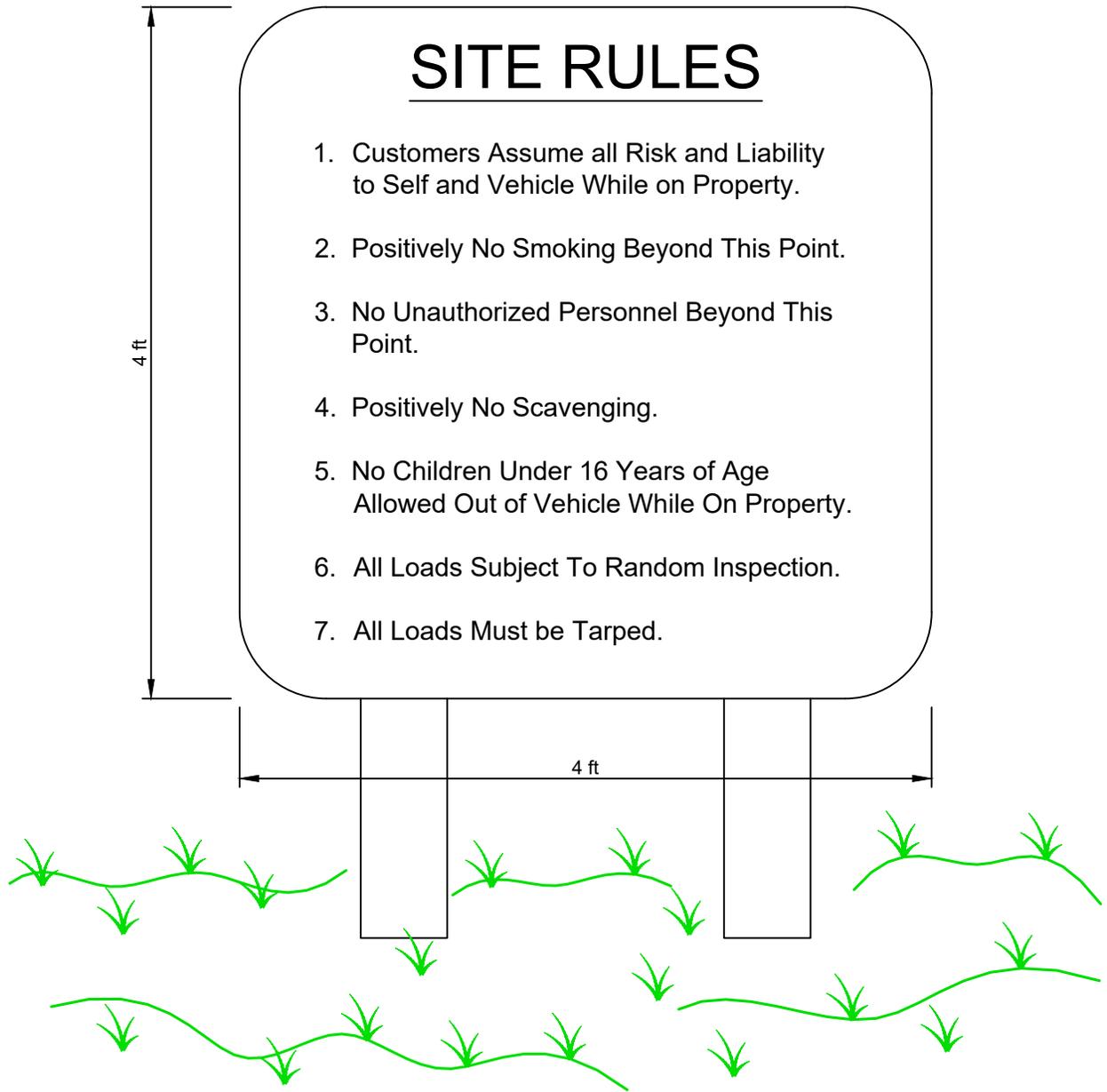
S:\CLIENTS\PROJECTS\LEGACY GREEN TRANSFER STATION\CADD\PART IV\LEGACY GREEN TRANSFER STATION-FIGURE IV-2, IV-3, IV-4, & IV-5-FACILITY SIGNAGE.DWG



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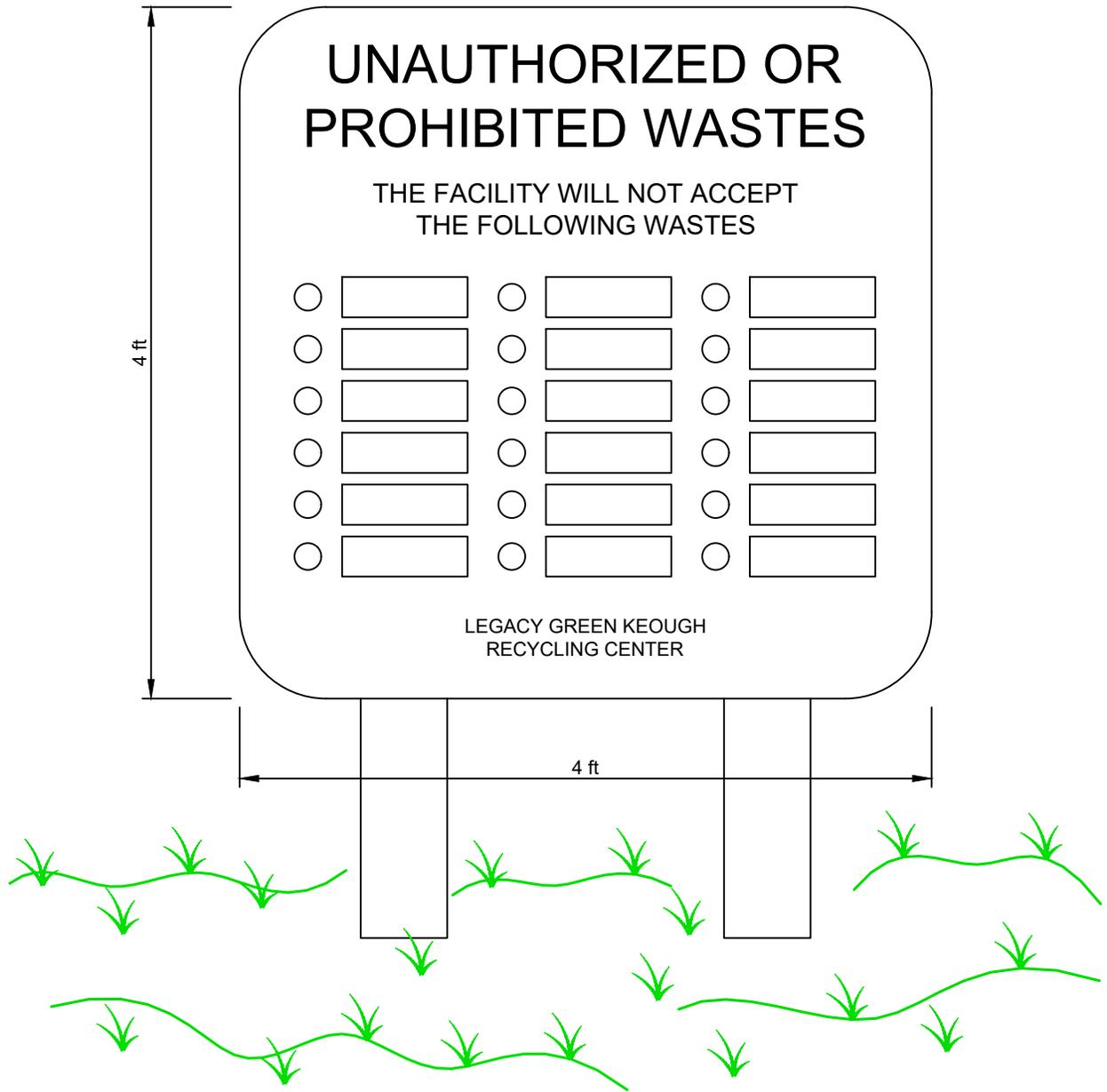
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Prepared for:		LEGACY GREEN LLC	
	Compiled by: FJJ	Date: SEP 2025	FIGURE IV-2
	Prepared by: FJJ	Scale: AS SHOWN	
	Project Mgr: ATN	Project: 5089.0001H000	
File: LEGACY GREEN TRANSFER STATION-FIGURE IV-2, IV-3, IV-4, & IV-5-FACILITY SIGNAGE.DWG			



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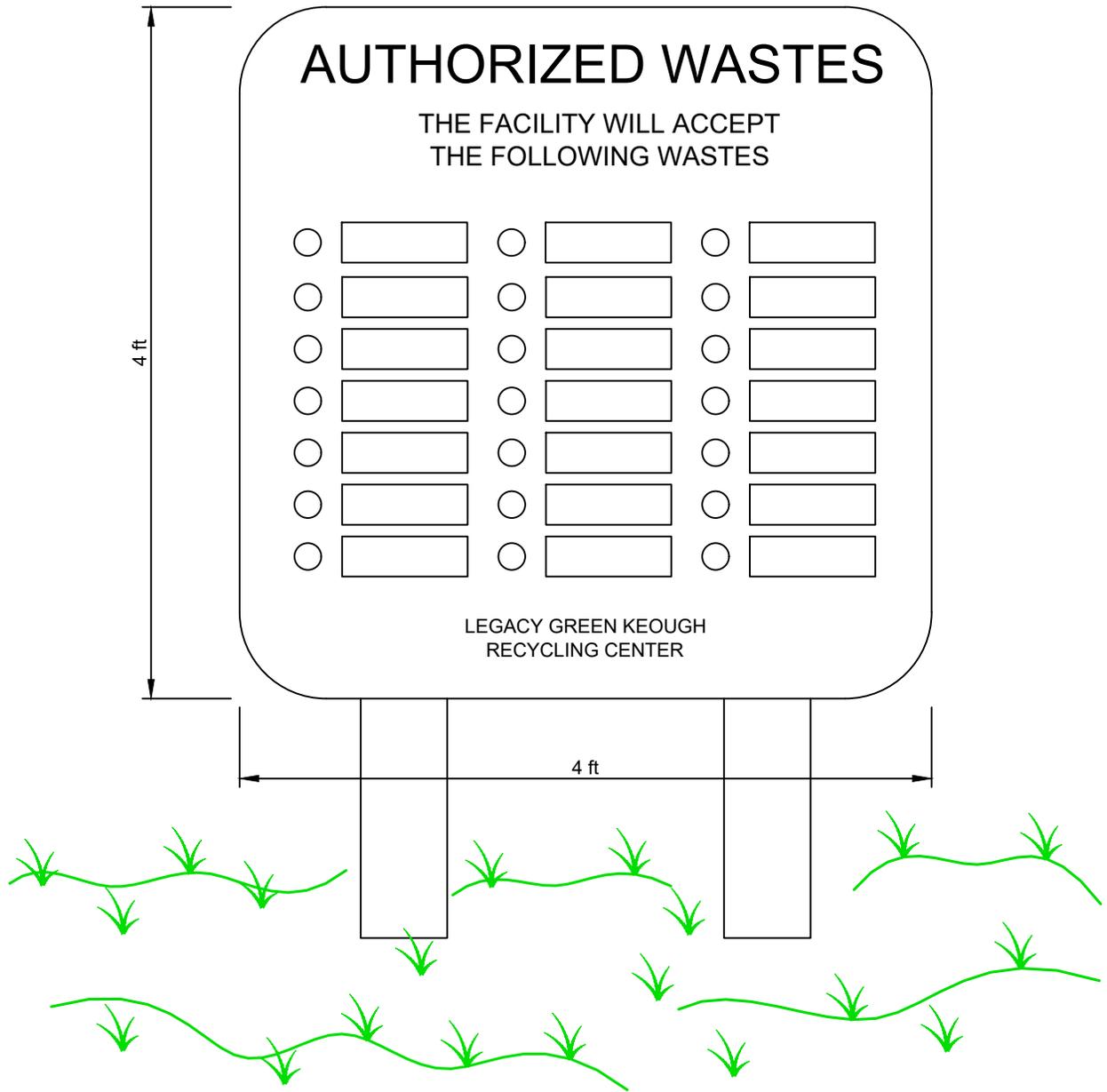
Title:			SIGN DISPLAYING SITE RULES LEGACY GREEN KEOUGH RECYCLING CENTER TYPE V REGISTRATION APPLICATION HOUSTON, TEXAS
Prepared for:			
LEGACY GREEN LLC			FIGURE IV-3
ROUX	Compiled by: FJJ	Date: SEP 2025	
	Prepared by: FJJ	Scale: AS SHOWN	
	Project Mgr: ATN	Project: 5089.0001H000	
File: LEGACY GREEN TRANSFER STATION-FIGURE IV-2, IV-3, IV-4, & IV-5-FACILITY SIGNAGE.DWG			



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 GARY RUSSELL HORWITCH
 48495
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Title:			SIGN DISPLAYING PROHIBITED WASTES LEGACY GREEN KEOUGH RECYCLING CENTER TYPE V REGISTRATION APPLICATION HOUSTON, TEXAS
Prepared for:			LEGACY GREEN LLC
	Compiled by: FJJ	Date: SEP 2025	FIGURE IV-4
	Prepared by: FJJ	Scale: AS SHOWN	
	Project Mgr: ATN	Project: 5089.0001H000	
	File: LEGACY GREEN TRANSFER STATION-FIGURE IV-2, IV-3, IV-4, & IV-5-FACILITY SIGNAGE.DWG		



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 GARY RUSSELL HORWITCH
 48495
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 01/26/26

Title:			SIGN DISPLAYING AUTHORIZED WASTES LEGACY GREEN KEOUGH RECYCLING CENTER TYPE V REGISTRATION APPLICATION HOUSTON, TEXAS
Prepared for:			LEGACY GREEN LLC
	Compiled by: FJJ	Date: SEP 2025	FIGURE IV-5
	Prepared by: FJJ	Scale: AS SHOWN	
	Project Mgr: ATN	Project: 5089.0001H000	
	File: LEGACY GREEN TRANSFER STATION-FIGURE IV-2, IV-3, IV-4, & IV-5-FACILITY SIGNAGE.DWG		