



# Texas Commission on Environmental Quality

## Waste Permits Division Correspondence

### Cover Sheet

Date: August 1, 2023

Facility Name: City of Georgetown Transfer Station

Permit or Registration No.: 40331

Nature of Correspondence:

☐ Initial/New

☒ Response/Revision to TCEQ Tracking No.:  
27668330 (from subject line of TCEQ letter  
regarding initial submission)

Affix this cover sheet to the front of your submission to the Waste Permits Division. Check appropriate box for type of correspondence. Contact WPD at (512) 239-2335 if you have questions regarding this form.

**Table 1 - Municipal Solid Waste Correspondence**

Applications	Reports and Notifications
<input type="checkbox"/> New Notice of Intent	<input type="checkbox"/> Alternative Daily Cover Report
<input checked="" type="checkbox"/> Notice of Intent Revision	<input type="checkbox"/> Closure Report
<input type="checkbox"/> New Permit (including Subchapter T)	<input type="checkbox"/> Compost Report
<input type="checkbox"/> New Registration (including Subchapter T)	<input type="checkbox"/> Groundwater Alternate Source Demonstration
<input type="checkbox"/> Major Amendment	<input type="checkbox"/> Groundwater Corrective Action
<input type="checkbox"/> Minor Amendment	<input type="checkbox"/> Groundwater Monitoring Report
<input type="checkbox"/> Limited Scope Major Amendment	<input type="checkbox"/> Groundwater Background Evaluation
<input type="checkbox"/> Notice Modification	<input type="checkbox"/> Landfill Gas Corrective Action
<input type="checkbox"/> Non-Notice Modification	<input type="checkbox"/> Landfill Gas Monitoring
<input type="checkbox"/> Transfer/Name Change Modification	<input type="checkbox"/> Liner Evaluation Report
<input type="checkbox"/> Temporary Authorization	<input type="checkbox"/> Soil Boring Plan
<input type="checkbox"/> Voluntary Revocation	<input type="checkbox"/> Special Waste Request
<input type="checkbox"/> Subchapter T Disturbance Non-Enclosed Structure	<input type="checkbox"/> Other:
<input type="checkbox"/> Other:	

**Table 2 - Industrial & Hazardous Waste Correspondence**

Applications	Reports and Responses
<input type="checkbox"/> New	<input type="checkbox"/> Annual/Biennial Site Activity Report
<input type="checkbox"/> Renewal	<input type="checkbox"/> CPT Plan/Result
<input type="checkbox"/> Post-Closure Order	<input type="checkbox"/> Closure Certification/Report
<input type="checkbox"/> Major Amendment	<input type="checkbox"/> Construction Certification/Report
<input type="checkbox"/> Minor Amendment	<input type="checkbox"/> CPT Plan/Result
<input type="checkbox"/> CCR Registration	<input type="checkbox"/> Extension Request
<input type="checkbox"/> CCR Registration Major Amendment	<input type="checkbox"/> Groundwater Monitoring Report
<input type="checkbox"/> CCR Registration Minor Amendment	<input type="checkbox"/> Interim Status Change
<input type="checkbox"/> Class 3 Modification	<input type="checkbox"/> Interim Status Closure Plan
<input type="checkbox"/> Class 2 Modification	<input type="checkbox"/> Soil Core Monitoring Report
<input type="checkbox"/> Class 1 ED Modification	<input type="checkbox"/> Treatability Study
<input type="checkbox"/> Class 1 Modification	<input type="checkbox"/> Trial Burn Plan/Result
<input type="checkbox"/> Endorsement	<input type="checkbox"/> Unsaturated Zone Monitoring Report
<input type="checkbox"/> Temporary Authorization	<input type="checkbox"/> Waste Minimization Report
<input type="checkbox"/> Voluntary Revocation	<input type="checkbox"/> Other:
<input type="checkbox"/> 335.6 Notification	
<input type="checkbox"/> Other:	



August 1, 2023

Ms. Madison Howard  
Municipal Solid Waste Permits – MC 124  
Texas Commission on Environmental Quality  
P.O. Box 13087  
Austin, TX 78711

Re: Response to Third Technical Notice of Deficiency (TCEQ Tracking No. 27668330)  
City of Georgetown Transfer Station  
City of Georgetown, Texas  
CN600412043/RN101999233  
TCEQ Registration Application Number MSW-40331

Dear Ms. Howard:

On behalf of the City of Georgetown, Burns & McDonnell is submitting the enclosed response to the third technical notice of deficiency (NOD) provided via email on July 6, 2023 from the Texas Commission on Environmental Quality (TCEQ) for the City of Georgetown registration application. The registration application has been revised to address the NOD. The NOD comments and responses are provided in the following NOD table. Please use the pages included in this response to replace the corresponding pages in registration application.

Attached are three unmarked copies of the pages that were revised to address the NOD. In addition, one redline/strikeout copy is also attached.

We appreciate your review of the enclosed materials and look forward to your comments. If you have any questions, please do not hesitate to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Matt Evans".

Matt Evans, PE  
Project Manager

ME/egc

Copies submitted: Electronic Copy, 3 unmarked copies, and 1 marked copy

cc: Jennifer Bettiol, City of Georgetown



Ms. Madison Howard  
Page 2  
August 1, 2023

Item No.	NOD Description	Response
1	<i>Ensure all maps contain legends.</i>	Legends have been added to all maps that did not previously include legends.
2	<i>Ensure all maps and drawings have unique drawing numbers.</i>	Drawing numbers throughout the application have been revised such that each part (Part I/II, Part III, and Part IV) of the application has unique drawing numbers within it.
3	<i>Include a general location map showing facility access control features.</i>	Drawing I/II.D.A3.6 in Part I/II, Appendix I/II-D, Attachment 3 has been revised to show the facility access control features at the site.
4	<i>Verification of legal status should be included for both the owner and the operator.</i>	Verification of legal status for TDS has been included in Part I/II, Attachment I/II-7.
5	<i>The estimated cost listed in section 5.4.1 is inconsistent with the estimated cost listed in Table III-1.</i>	The estimated cost listed in Section 5.4.1 has been revised to be consistent with the estimated cost listed in Table III-1.
6	<i>Based on the unit cost and quantity given, the cost to transport and dispose of waste at a properly authorized facility should equal \$20,700, not \$20,250 as shown on Table III-1.</i>	The cost to transport and dispose of waste at a properly authorized facility has been adjusted to \$20,700, and Table III-1 has been revised accordingly.
7	<i>The facility supervisor must hold and maintain a Class A or Class B license.</i>	Part IV, Section 2.1, Table 1, and Section 2.4 have been revised to state that the Lead Operator/Facility Supervisor must hold and maintain an MSW Supervisor Occupational License Class A or Class B. Page 7 of the Part 1 form has been modified to indicate that the Facility Supervisor has a Class B Supervisor License.
8	<i>Section 3.1 indicates that yard trimmings and leaves will be composted on site. Section 3.7 indicates no composting is done on site. Revise for consistency.</i>	Part IV, Section 3.1 has been revised to be consistent with Section 3.7. Composting does not occur onsite.



# Texas Commission on Environmental Quality

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

### Application Tracking Information

Facility Name: \_\_\_\_\_

Permittee or Registrant Name: \_\_\_\_\_

MSW Authorization Number: \_\_\_\_\_

Initial Submission Date: \_\_\_\_\_

Revision Date: \_\_\_\_\_

Instructions for completing this Part I Application Form are provided in [TCEQ 00650-instr](#)<sup>1</sup>. Include a [Core Data Form \(TCEQ 10400\)](#)<sup>2</sup> with the application for the facility owner, and another Core Data Form for the operator if different from the owner. If you have questions, contact the Municipal Solid Waste Permits Section by email to [mswper@tceq.texas.gov](mailto:mswper@tceq.texas.gov), or by phone at 512-239-2335.

### Application Data

#### 1. Submission Type

☐ Initial Submission ☐ Notice of Deficiency (NOD) Response

#### 2. Authorization Type

☐ Permit ☐ Registration

#### 3. Application Type

☐ New Permit  
☐ Permit Major Amendment ☐ Permit Limited Scope Major Amendment  
☐ New Registration

<sup>1</sup> [www.tceq.texas.gov/downloads/permitting/waste-permits/msw/forms/00650-instr.pdf](http://www.tceq.texas.gov/downloads/permitting/waste-permits/msw/forms/00650-instr.pdf)

<sup>2</sup> [www.tceq.texas.gov/goto/coredata](http://www.tceq.texas.gov/goto/coredata)

## 17. Facility Contact Information

### Site Operator (Permittee or Registrant)

Name: \_\_\_\_\_

Customer Reference Number: **CN** \_\_\_\_\_

Contact Name: \_\_\_\_\_ Title: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

City: \_\_\_\_\_ County: \_\_\_\_\_ State: \_\_\_\_ Zip Code: \_\_\_\_

Phone Number: \_\_\_\_\_

Email Address: \_\_\_\_\_

Texas Secretary of State (SOS) Filing Number: \_\_\_\_\_

### 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: \_\_\_\_\_

Texas Secretary of State (SOS) Filing Number: \_\_\_\_\_

### Consultant (if applicable)

Firm Name: \_\_\_\_\_

Consultant Name: \_\_\_\_\_

Texas Board of Professional Engineers Firm Registration Number: \_\_\_\_\_

Contact Name: \_\_\_\_\_ Title: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

City: \_\_\_\_\_ County: \_\_\_\_\_ State: \_\_\_\_ Zip Code: \_\_\_\_

Phone Number: \_\_\_\_\_

Email Address: \_\_\_\_\_

### 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. Ownership Status of the Facility

### Business Type

- |  |   |
|--|---|
| <input type="checkbox"/> Corporation         | <input type="checkbox"/> County Government      |
| <input type="checkbox"/> Individual          | <input type="checkbox"/> State Government       |
| <input type="checkbox"/> Sole Proprietorship | <input type="checkbox"/> Federal Government     |
| <input type="checkbox"/> General Partnership | <input type="checkbox"/> Other Government       |
| <input type="checkbox"/> Limited Partnership | <input type="checkbox"/> Military               |
| <input type="checkbox"/> City Government     | <input type="checkbox"/> Other (specify): _____ |

### 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 other owners.

Owner Name: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

City: \_\_\_\_\_ County: \_\_\_\_\_ State: TX Zip Code: \_\_\_\_\_

Phone Number: \_\_\_\_\_

Email Address: \_\_\_\_\_

## 20. Other Government Entities Information

### Texas Department of Transportation

District: \_\_\_\_\_

District Engineer's Name: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

City: \_\_\_\_\_ County: \_\_\_\_\_ State: TX Zip Code: \_\_\_\_\_

Phone Number: \_\_\_\_\_

Email Address: \_\_\_\_\_

## Signature Page

### Site Operator 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: Jennifer Bettiol Title: CIP Manager

Email Address: jennifer.bettiol@georgetown.com

Signature:  Date: 8/3/23

### Operator or Principal Executive Officer Designation of Authorized Signatory

*To be completed by the operator if the application is signed by an authorized representative for the operator.*

I hereby designate \_\_\_\_\_ as my representative and hereby authorize said representative to sign any application, submit additional information as may be requested by the Commission; and/or appear for me at any hearing or before the Texas Commission on Environmental Quality in conjunction with this request for a Texas Water Code or Texas Solid Waste Disposal Act permit. I further understand that I am responsible for the contents of this application, for oral statements given by my authorized representative in support of the application, and for compliance with the terms and conditions of any permit which might be issued based upon this application.

Operator or Principal Executive Officer Name: \_\_\_\_\_

Email Address: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

### Notary

SUBSCRIBED AND SWORN to before me by the said Jennifer Bethol, CIP manager

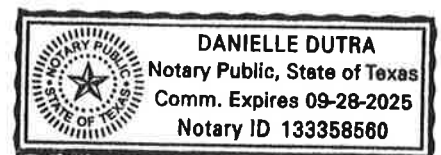
On this 3 day of August, 23

My commission expires on the 20 day of September, 25

Danielle Dutra Danielle Dutra

Notary Public in and for

Williamson County, Texas



Note: Application Must Bear Signature & Seal of Notary Public

## Part I Attachments

Refer to instruction document 00650-instr for professional engineer seal requirements.

**Attachments Table 1. Required attachments.**

Required Attachments	Attachment Number
Supplementary Technical Report	
Property Legal Description	
Property Metes and Bounds Description	
Facility Legal Description	
Facility Metes and Bounds Description	
Metes and Bounds Drawings	
On-Site Easements Drawing	
Land Ownership Map	
Landowners List	
Mailing Labels (printed and electronic)	
Texas Department of Transportation (TxDOT) County Map	
General Location Map	
General Topographic Map	
Verification of Legal Status	
Property Owner Affidavit	
Evidence of Competency	

**Attachments Table 2. Additional attachments as applicable.**

Additional Attachments as Applicable (select all that apply and add others as needed)	Attachment Number
<input type="checkbox"/> TCEQ Core Data Form(s)	
<input type="checkbox"/> Signatory Authority Delegation	
<input type="checkbox"/> Fee Payment Receipt	
<input type="checkbox"/> Confidential Documents	
<input type="checkbox"/> Waste Storage, Processing and Disposal Ordinances	
<input type="checkbox"/> Final Plat Record of Property	

<b>Additional Attachments as Applicable (select all that apply and add others as needed)</b>	<b>Attachment Number</b>
<input type="checkbox"/> Certificate of Fact (Certificate of Incorporation)	
<input type="checkbox"/> Assumed Name Certificate	
Other (describe):	
Other (describe):	
Other (describe):	

# General and Existing Conditions Part I/II (§330.59 – §300.61)



## City of Georgetown Transfer Station

Part I/II Application  
Project No. 115655

Revision 4  
8/1/2023



# **General and Existing Conditions Part I/II (§330.59 – §300.61)**

prepared for

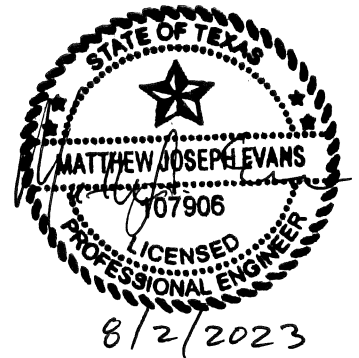
**City of Georgetown Transfer Station  
250 W. L. Walden Drive  
Georgetown, Texas**

**TCEQ MSW PERMIT NUMBER MSW 40331  
TCEQ REGISTRY NUMBER FOR FACILITY – RN101999233  
CITY OF GEORGETOWN TCEQ CUSTOMER – CN600412043**

**Project No. 115655**

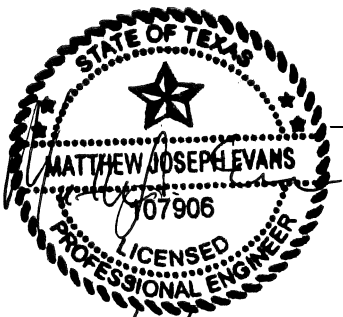
**Revision 4  
8/1/2023**

prepared by



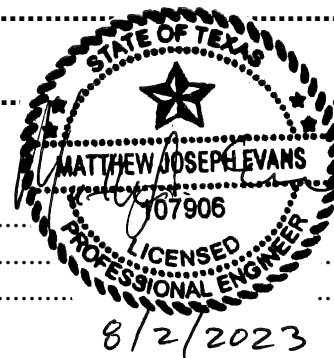
**Burns & McDonnell Engineering Company, Inc.  
Austin, Texas**

**COPYRIGHT © 2023 BURNS & McDONNELL ENGINEERING COMPANY, INC.**

**TABLE OF CONTENTS****Page No.**

<b>1.0</b>	<b>INTRODUCTION .....</b>	<b>1</b>
1.1	Introduction .....	1
1.2	Registration Approach .....	1
1.3	Summary of General Application Requirements and Existing Conditions (Parts I/II) .....	2
<b>2.0</b>	<b>SUPPLEMENTARY TECHNICAL REPORT .....</b>	<b>3</b>
2.1	Facility Description .....	3
2.2	Waste Acceptance Plan .....	4
2.2.1	Sources and Characteristics of Wastes .....	4
2.2.2	Service Area and Population Equivalent .....	6
2.2.3	Material Handling and Diversion Requirements .....	7
2.2.4	Site Development Plan .....	8
2.3	Oil and Water Wells .....	8
<b>3.0</b>	<b>INTERNET POSTING .....</b>	<b>9</b>
<b>4.0</b>	<b>OTHER PERMITS/AUTHORIZATIONS .....</b>	<b>10</b>
4.1	Other Permits and Authorizations .....	10
<b>5.0</b>	<b>EXISTING CONDITIONS SUMMARY .....</b>	<b>11</b>
<b>6.0</b>	<b>MAPS .....</b>	<b>12</b>
<b>7.0</b>	<b>PROPERTY OWNERS LIST AND MAP .....</b>	<b>13</b>
<b>8.0</b>	<b>AERIAL PHOTOGRAPH .....</b>	<b>14</b>
<b>9.0</b>	<b>LAND USE .....</b>	<b>15</b>
9.1	Characterization of Surrounding Land and Land Use .....	15
9.2	Location and Zoning .....	15
9.3	Growth Trends of the Nearest Community .....	15
9.4	Proximity to Specified Land Uses .....	15
9.4.1	Residences .....	15
9.4.2	Commercial Establishments .....	16
9.4.3	Churches .....	16
9.4.4	Historic/Archaeological Significant Sites .....	16
9.4.5	Parks .....	16
9.4.6	Schools and Day Care Centers .....	16

9.4.7	Ponds and Lakes .....	16
9.4.8	Other .....	16
9.5	Oil and Water Wells Within 500 Feet.....	16
9.6	Land Use Conclusions .....	17
<b>10.0</b>	<b>TRANSPORTATION .....</b>	<b>18</b>
10.1	Traffic Information .....	18
10.2	Airport Impact.....	18
<b>11.0</b>	<b>GENERAL GEOLOGY AND SOILS STATEMENT .....</b>	<b>19</b>
<b>12.0</b>	<b>GROUNDWATER AND SURFACE WATER STATEMENT.....</b>	<b>20</b>
12.1	Groundwater Statement .....	20
12.2	Surface Water Statement.....	20
<b>13.0</b>	<b>FLOODPLAIN AND WETLANDS STATEMENT .....</b>	<b>21</b>
13.1	Floodplain Statement .....	21
13.2	Wetlands Statement .....	21
<b>14.0</b>	<b>PROTECTION OF ENDANGERED OR THREATENED SPECIES .....</b>	<b>22</b>
<b>15.0</b>	<b>TEXAS HISTORICAL COMMISSION .....</b>	<b>23</b>
<b>16.0</b>	<b>CAPITAL AREA COUNCIL OF GOVERNMENTS (CAPCOG).....</b>	<b>24</b>
<b>17.0</b>	<b>LEGAL DESCRIPTION.....</b>	<b>25</b>
<b>18.0</b>	<b>PROPERTY OWNER AFFIDAVIT .....</b>	<b>26</b>
<b>19.0</b>	<b>LEGAL AUTHORITY .....</b>	<b>27</b>
<b>20.0</b>	<b>EVIDENCE OF COMPETENCY .....</b>	<b>28</b>
20.1	Solid Waste Sites .....	28
20.2	Georgetown Transfer Station Key Personnel .....	29
20.3	Equipment.....	29
<b>21.0</b>	<b>APPOINTMENTS.....</b>	<b>30</b>
<b>22.0</b>	<b>VERIFICATION OF LEGAL STATUS .....</b>	<b>31</b>
<b>APPENDIX I/II-A GENERAL LOCATION MAPS</b>		
<b>APPENDIX I/II-B PROPERTY OWNERSHIP LIST AND MAP</b>		



**APPENDIX I/II-C TRANSPORTATION**  
**APPENDIX I/II-D TEXAS HISTORICAL COMMISSION COORDINATION**  
**APPENDIX I/II-E CAPITAL AREA OF COUNCIL OF GOVERNMENTS**  
**(CAPCOG) DOCUMENTATION**

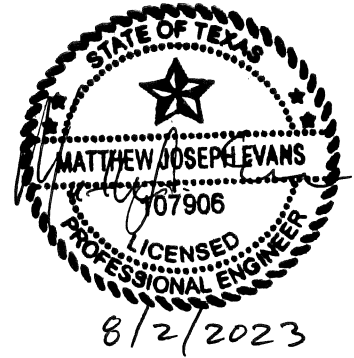
**ATTACHMENT I/II - 1 GEOLOGIC ASSESSMENT**  
**ATTACHMENT I/II - 2 WETLAND DELINEATION REPORT**  
**ATTACHMENT I/II - 3 THREATENED AND ENDANGERED SPECIES**  
**REPORT**  
**ATTACHMENT I/II - 4 METES AND BOUNDS**  
**ATTACHMENT I/II - 5 PROPERTY OWNER AFFIDAVIT**  
**ATTACHMENT I/II - 6 APPOINTMENTS**  
**ATTACHMENT I/II - 7 VERIFICATION OF LEGAL STATUS**



## LIST OF TABLES

### Page No.

Table I/II- 1: Five-Year Maximum Waste Acceptance Rates (2021-2025) .....	7
Table I/II- 2: TDS Solid Waste Facilities .....	28



## 22.0 VERIFICATION OF LEGAL STATUS

Verification of legal status is provided in Attachment I/II - 7 .



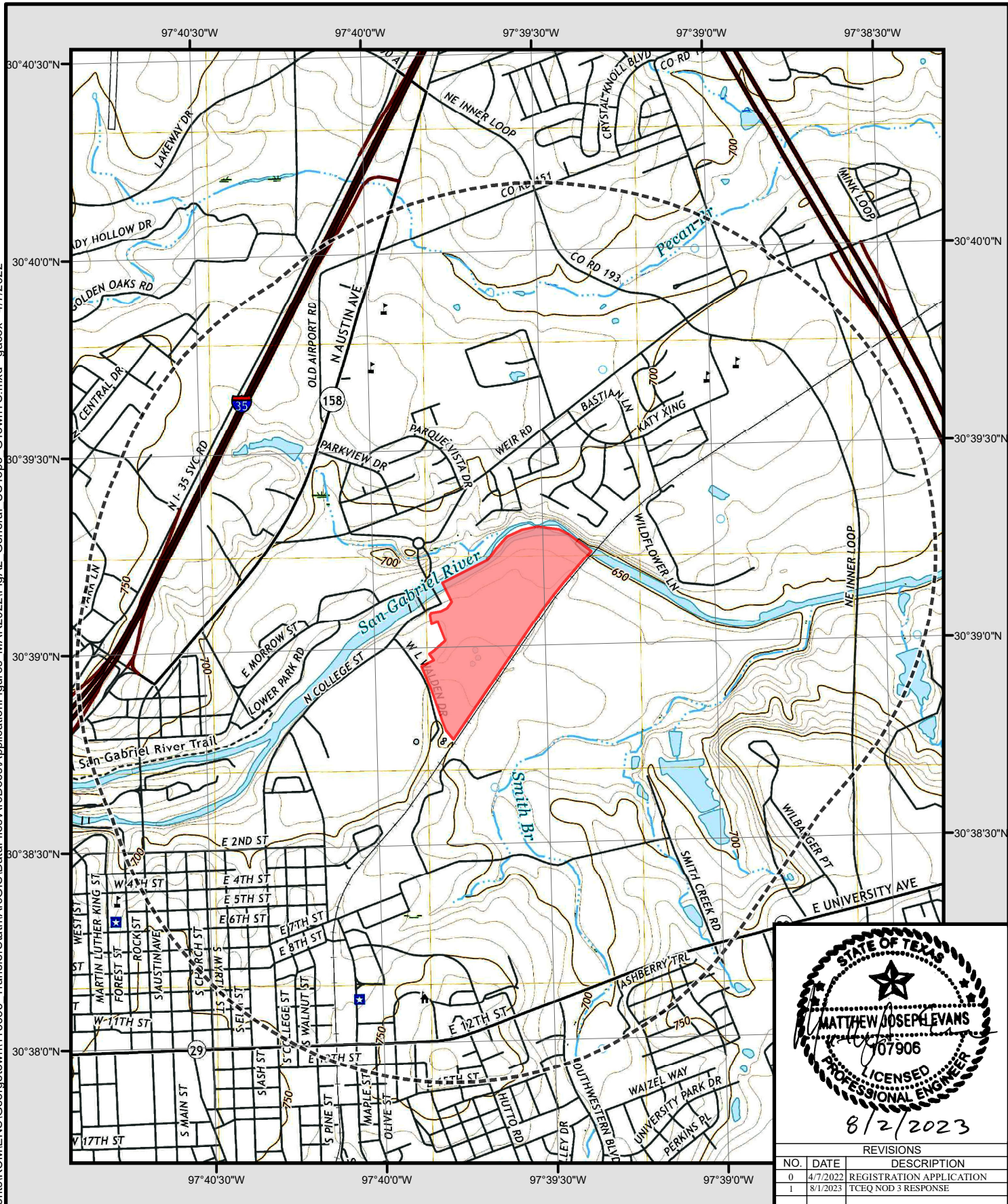
## APPENDIX I/II-A GENERAL LOCATION MAPS

<u>Drawing</u>	<u>Map Contents</u>	<u>Drawing Date (last revision)</u>
Figure I/II.A-1	General Location Map	3/31/2021
Figure I/II.A-2	General Topographic Map	3/31/2021
Figure I/II.A-3	Existing Conditions Aerial	4/6/2021
Figure I/II.A-4	Habitable Structures Within 500 ft	4/13/2021
Figure I/II.A-5	Well Locations Within 1 mile	4/6/2021
Figure I/II.A-6	Property Ownership	4/12/2021
Figure I/II.A-7	Land Use	3/31/2021
Figure I/II.A-8	Zoning Map	3/31/2021
Figure I/II.A-9	Cities Within 5 miles	3/31/2021
Figure I/II.A-10	Area Airports	3/31/2021
Figure I/II.A-11	FEMA Floodplains	3/31/2021
Figure I/II.A-12	Wind Rose	3/31/2021
Figure I/II.A-13	Facility Transfer Boundary	4/1/2021
Figure I/II.A-14	Faults	4/6/2021

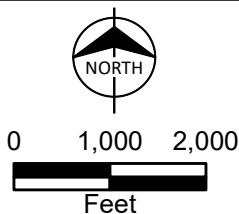




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Registration Boundary  
 1-Mile Project Radius

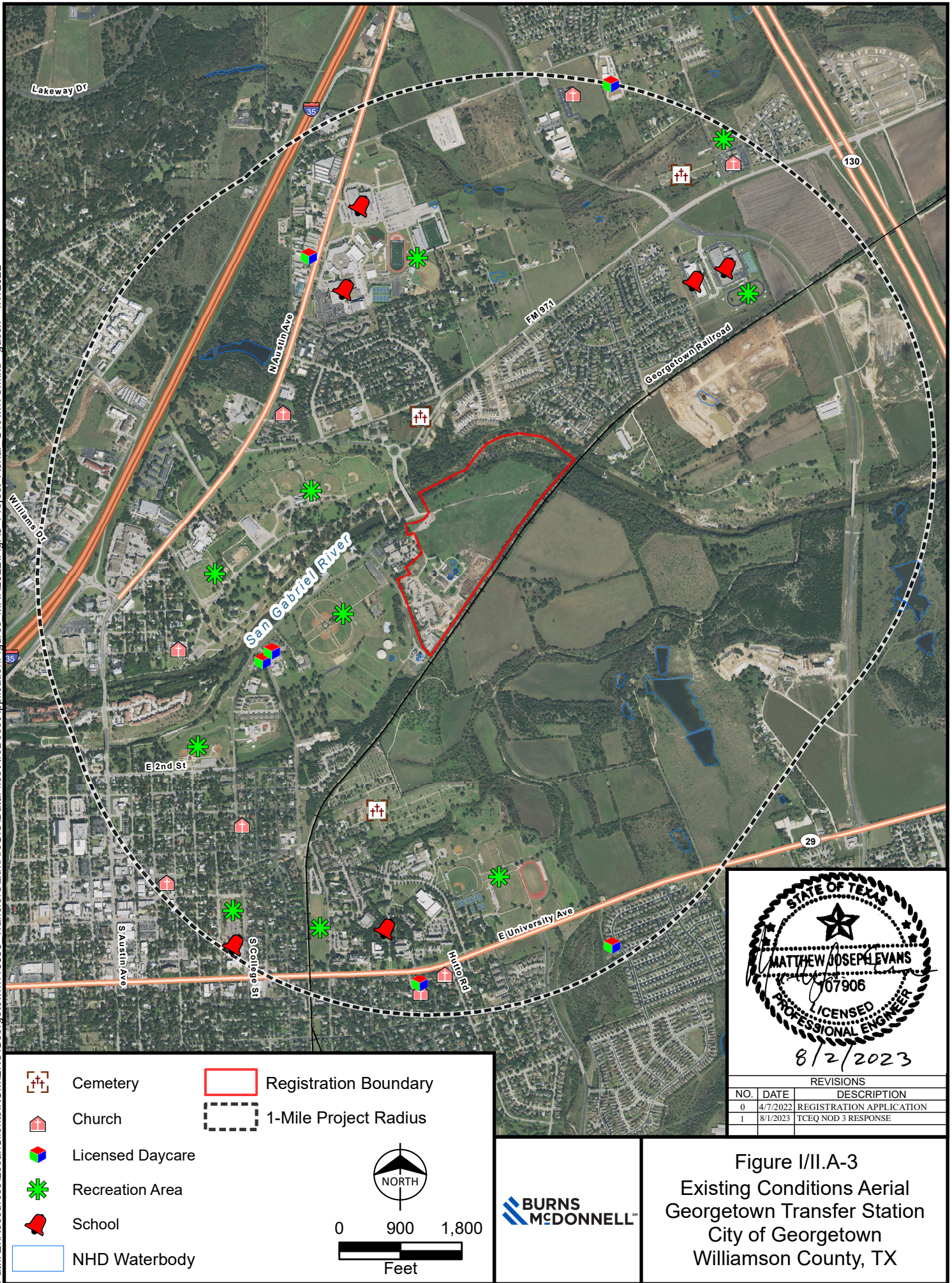


**BURNS  
MCDONNELL**

Figure I/II.A-2  
General Topographic Map  
Georgetown Transfer Station  
City of Georgetown  
Williamson County, TX



Path: Z:\Resources\Local\Clients\Georgetown\115655 Transfer\Stam\ArcGIS\GIS\DataFiles\ArcDocs\Application\Figures MAR2022\FigA3 Project Aerial Georgetown.mxd gacox 4/7/2022



STATE OF TEXAS

MATTHEW JOSEPH EVANS

107906

LICENSED PROFESSIONAL ENGINEER

8/2/2023

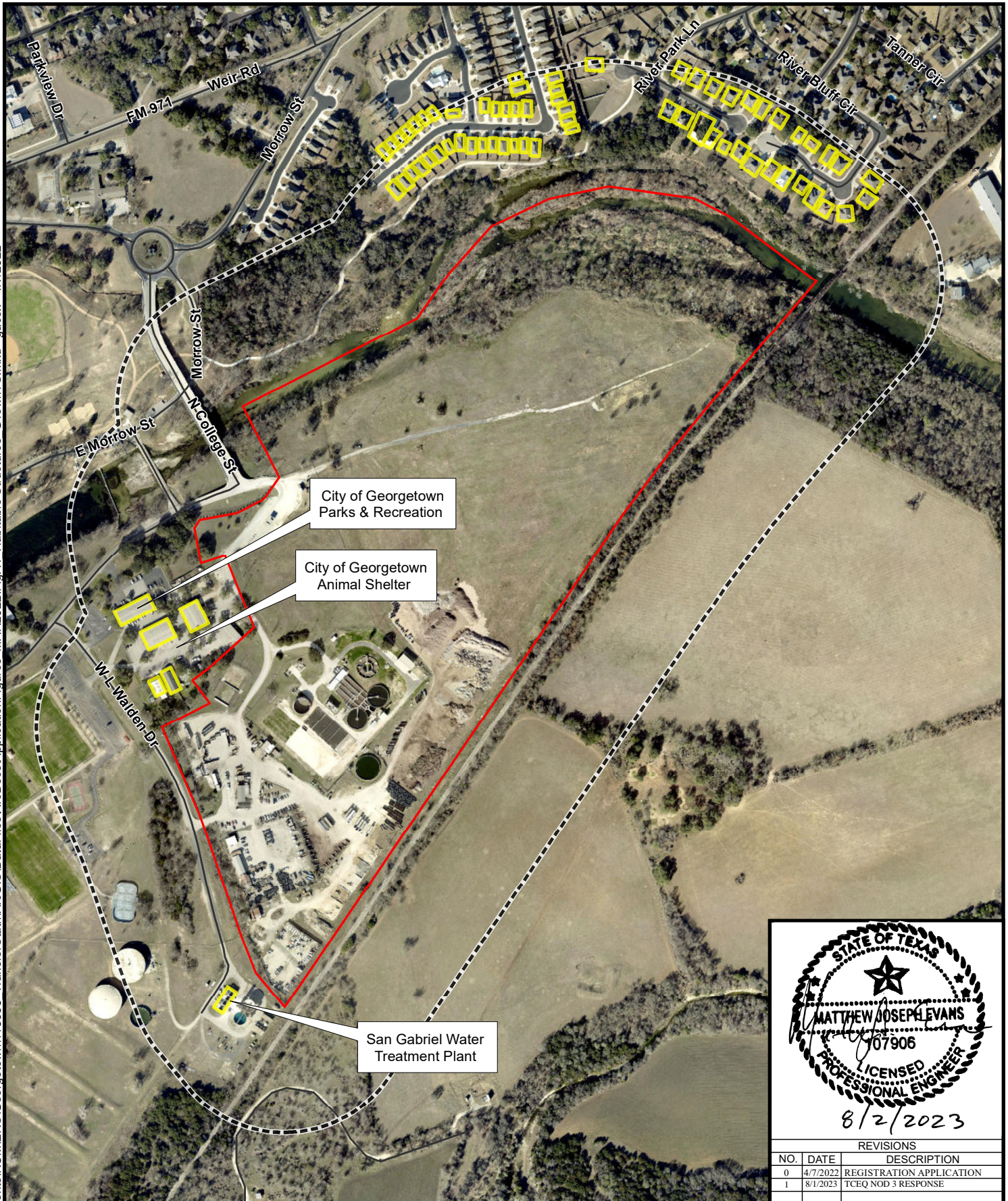
REVISIONS		
NO.	DATE	DESCRIPTION
0	4/7/2022	REGISTRATION APPLICATION
1	8/1/2023	TCEQ NOD 3 RESPONSE



Figure I/II.A-3  
Existing Conditions Aerial  
Georgetown Transfer Station  
City of Georgetown  
Williamson County, TX



Service Layer Credit Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community  
Path: Z:\Resources\Local\Clients\Georgetown\115655 Transfer\Station\ArcGIS\MapData\MapData\Figures MAR2022\FigA4 Habitable Structures GTownTS.mxd gacox 4/7/2022



**STATE OF TEXAS**

**MATTHEW JOSEPH LEVANS**

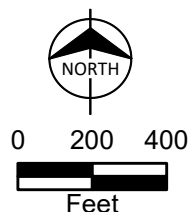
**107906**

**LICENSED PROFESSIONAL ENGINEER**

**8/2/2023**

REVISIONS		
NO.	DATE	DESCRIPTION
0	4/7/2022	REGISTRATION APPLICATION
1	8/1/2023	TCEQ NOD 3 RESPONSE

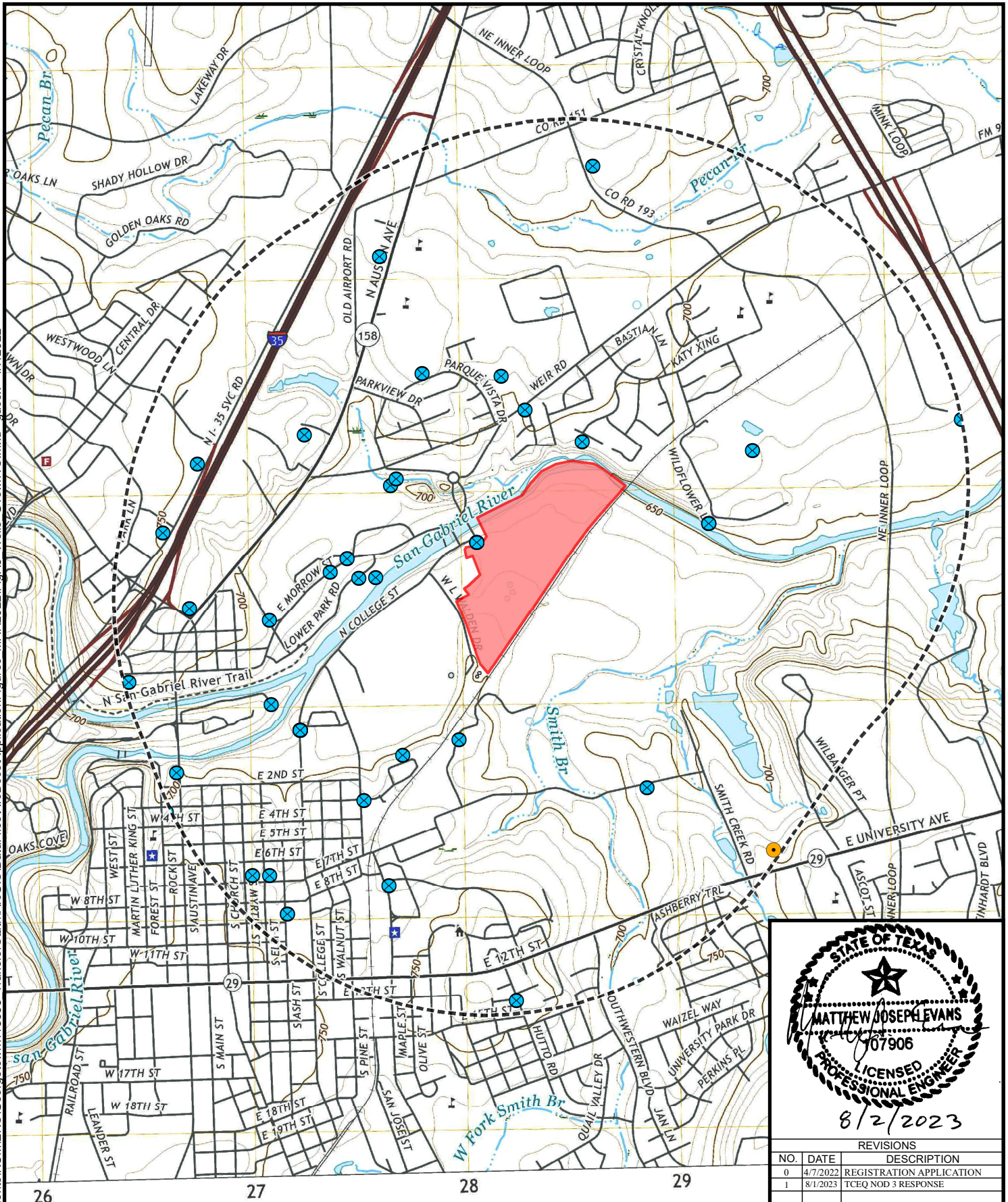
- Registration Boundary
- Habitable Structure
- 500-Foot Project Radius



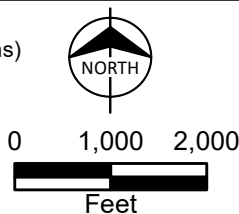
**Figure I/II.A-4**  
**Structures and Inhabitable**  
**Buildings Within 500 Feet**  
**Georgetown Transfer Station**  
**City of Georgetown**  
**Williamson County, TX**



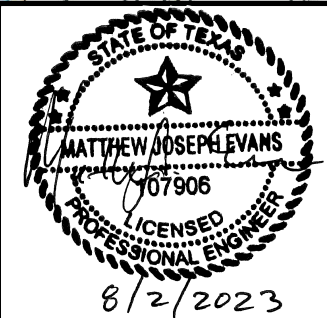
Path: Z:\Resources\Local\Clients\KCM\ENR\Geotown\115655 Transfer\Stam\ArcGIS\GISData\Files\ArcDocs\Application\Figures MAR2022\FigA5 Wells\_GTown\TS.mxd\_gacox 4/7/2022



- Groundwater or SDRDB Well (from TWDB, does not include plug locations)
- Oil & Gas Well (from Texas Railroad Commission)
- Registration Boundary
- 1-Mile Project Radius



**BURNS  
MCDONNELL**



REVISIONS		
NO.	DATE	DESCRIPTION
0	4/7/2022	REGISTRATION APPLICATION
1	8/1/2023	TCEQ NOD 3 RESPONSE

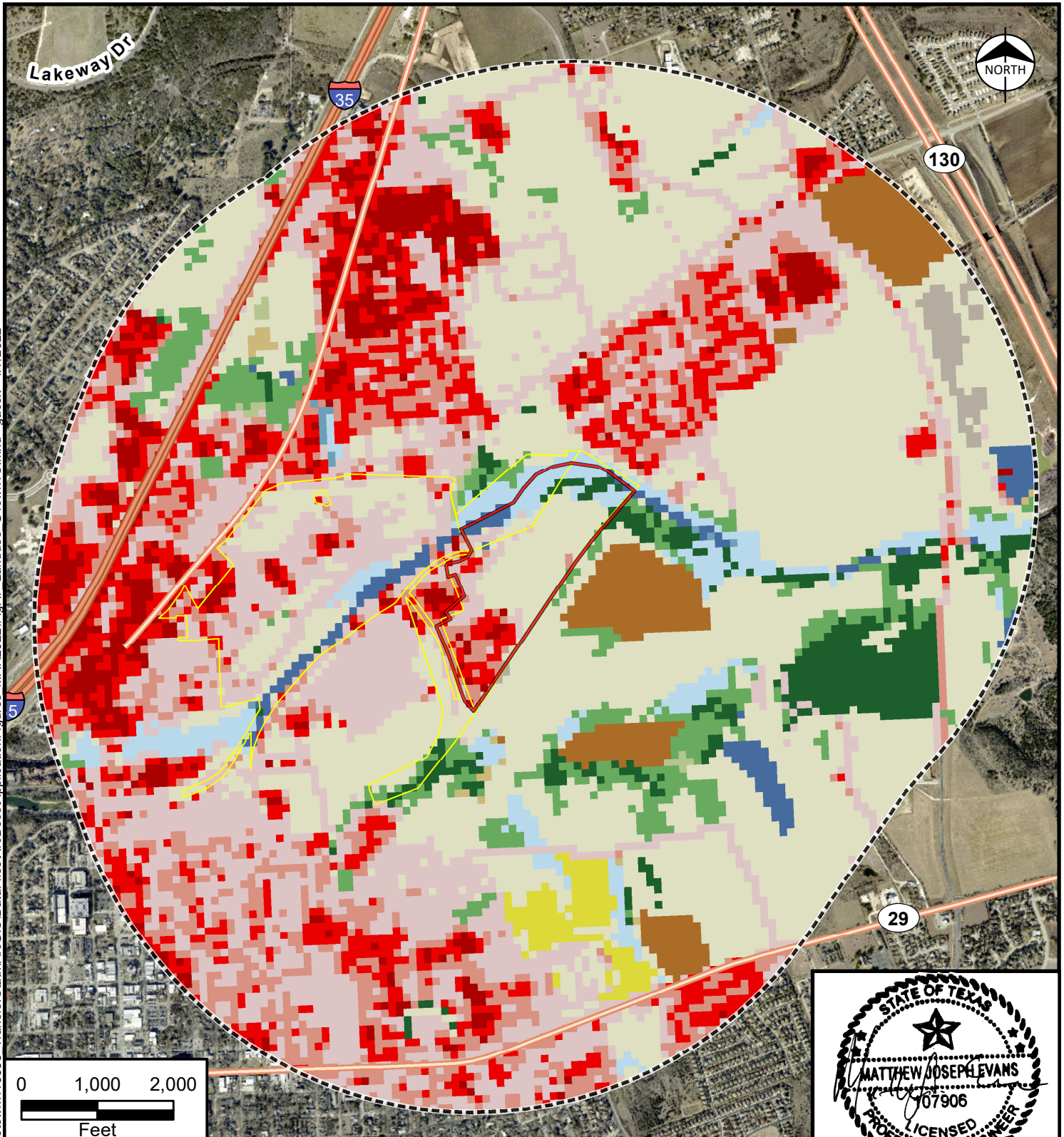
Figure I/II.A-5  
Well Locations  
Georgetown Transfer Station  
City of Georgetown  
Williamson County, TX







Service Layer Credit Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community  
Path: Z:\Resources\Local\Clients\Georgetown\115655 Transfer\Station\ArcGIS\MapData\Files\ArcDocs\Application\Figures MAR2022\FigA7 Landuse GTownTS.mxd gacox 4/7/2022



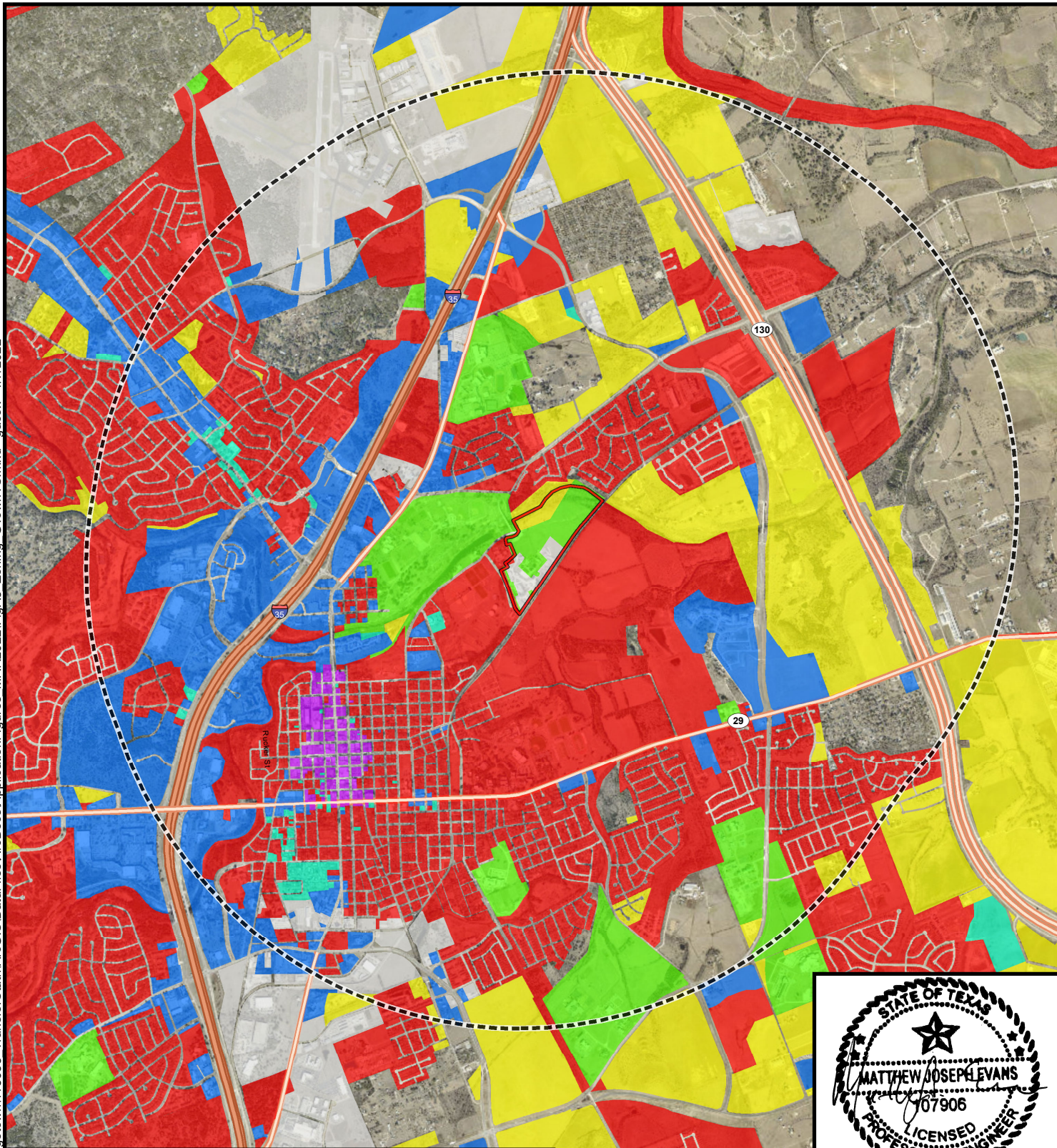
NLCD Grid Code:	
Open Water	Mixed Forest
Developed, Open Space	Shrub/Scrub
Developed, Low Intensity	Grassland/Herbaceous
Developed, Medium Intensity	Moss
Developed, High Intensity	Pasture/Hay
Barren Land	Cultivated Crops
Deciduous Forest	Woody Wetlands
Evergreen Forest	Emergent Herbaceous Wetlands
1-Mile Project Radius	Parcel Boundary
	Registration Boundary

REVISIONS		
NO.	DATE	DESCRIPTION
0	4/7/2022	REGISTRATION APPLICATION
1	8/1/2023	TCEQ NOD 3 RESPONSE

Figure I/II.A-7  
Land Use  
Georgetown Transfer Station  
City of Georgetown  
Williamson County, TX



Service Layer Credit Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community  
Path: Z:\Resources\Local\Clients\Georgetown\115655 Transfer\Station\ArcGIS\MapData\ArcDocs\Registration\Figures MAR2022\FigA8 Zoning\_Geotown.TS.mxd gacox 4/7/2022



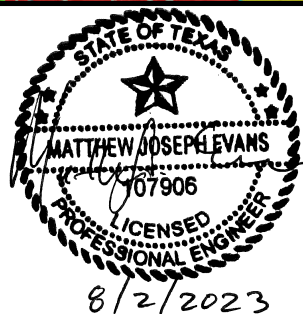
**Zoning:**

- Agriculture
- Office/Business Park
- Commercial
- Residential (All Types)
- Industrial
- Mixed Use
- Public Facility

- Registration Boundary
- 2-Mile Project Radius



0 1,500 3,000  
Feet



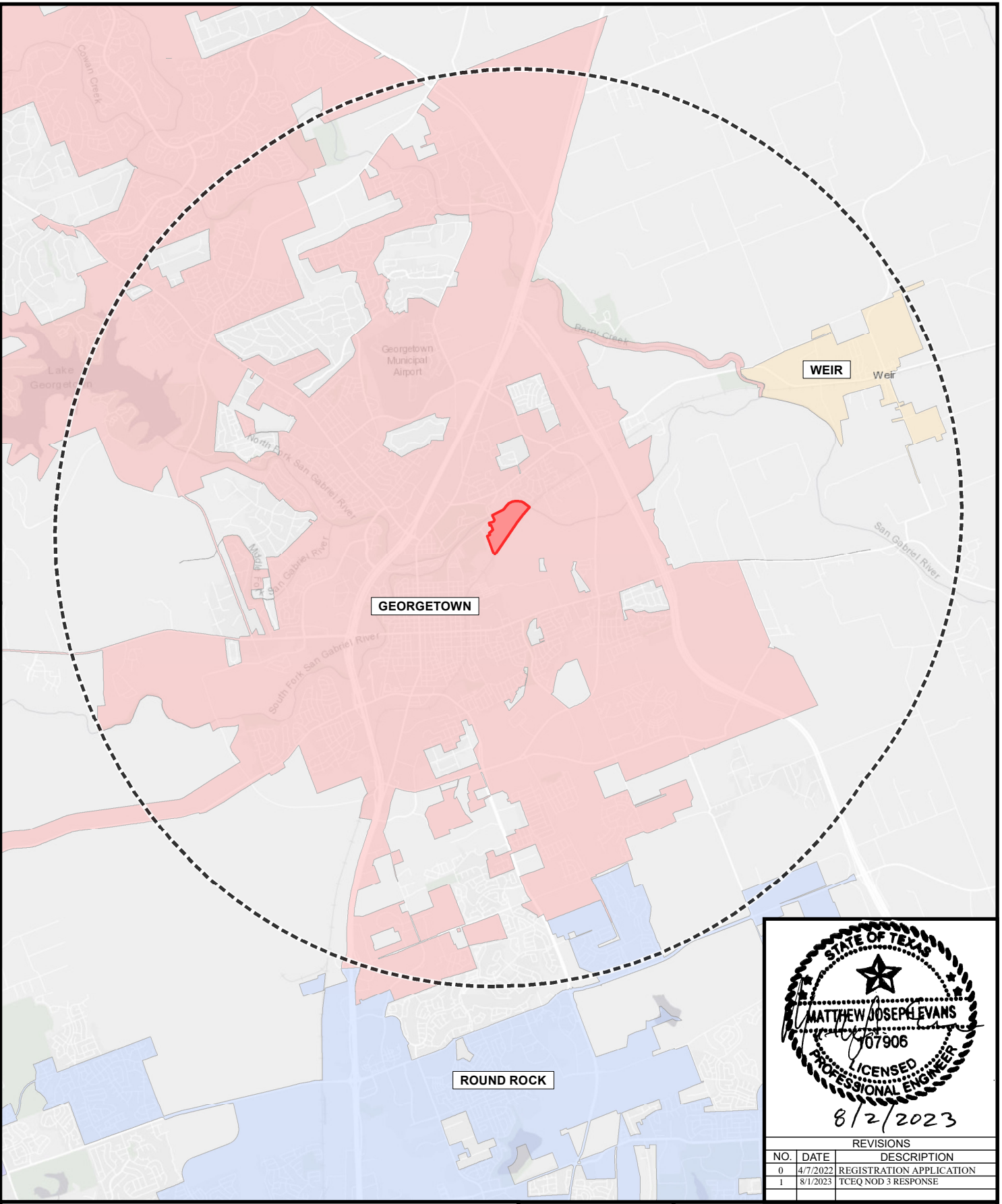
REVISIONS		
NO.	DATE	DESCRIPTION
0	4/7/2022	REGISTRATION APPLICATION
1	8/1/2023	TCEQ NOD 3 RESPONSE

**BURNS  
MCDONNELL**

Figure I/II.A-8  
Zoning Map  
Georgetown Transfer Station  
City of Georgetown  
Williamson County, TX



Service Layer Credit Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community  
Path: Z:\Resources\Local\Clients\KCMENS\Georgetown\115655 Transfer\Stam\ArcGIS\IDataFiles\ArcDocs\ApplicationFigures MAR2022\FigA9 Municipalities GTownTS.mxd gacox 4/7/2022



STATE OF TEXAS  
MATTHEW JOSEPH EVANS  
107906  
LICENSED PROFESSIONAL ENGINEER  
8/2/2023

REVISIONS		
NO.	DATE	DESCRIPTION
0	4/7/2022	REGISTRATION APPLICATION
1	8/1/2023	TCEQ NOD 3 RESPONSE

Municipal Boundary  
5-Mile Project Radius  
Registration Boundary

NORTH  
0 0.75 1.5  
Miles

BURNS  
MCDONNELL

Figure I/II.A-9  
Cities Within 5 Miles  
Georgetown Transfer Station  
City of Georgetown  
Williamson County, TX

Source: ESRI; CAPCOG; Burns & McDonnell Engineering Company, Inc.  
Registration Application 40331

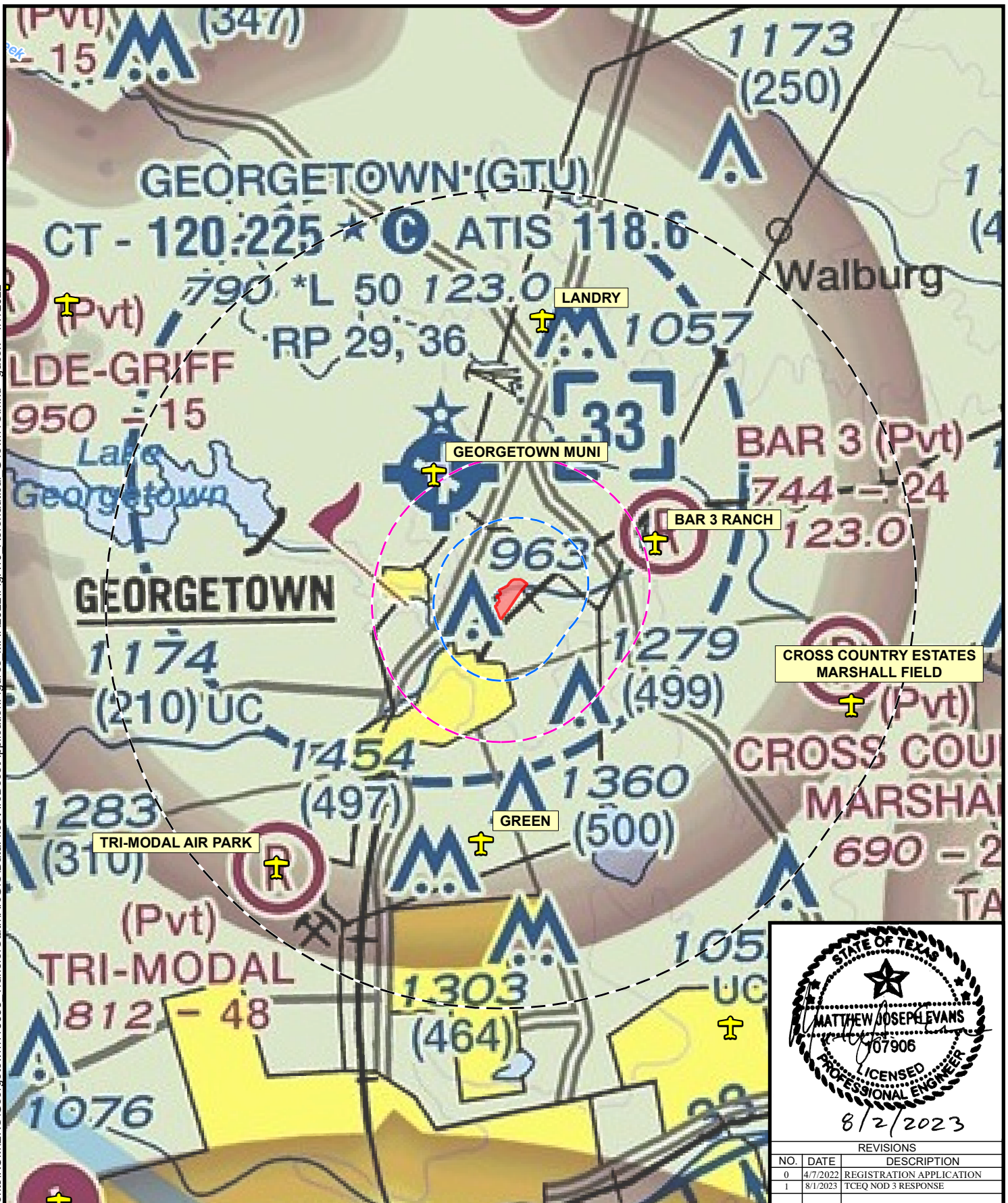
Appendix A-10

Rev 4, August 1, 2023

Issued: 4/7/2022



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STATE OF TEXAS  
MATTHEW JOSEPH EVANS  
107906  
LICENSED PROFESSIONAL ENGINEER  
8/2/2023

REVISIONS		
NO.	DATE	DESCRIPTION
0	4/7/2022	REGISTRATION APPLICATION
1	8/1/2023	TCEQ NOD 3 RESPONSE

Airport

5,000 Foot Radius

10,000 Foot Radius

6 Mile Radius

Registration Boundary

NORTH

0 1 2  
Miles

BURNS  
MCDONNELL

Figure I/II.A-10  
Area Airports  
Georgetown Transfer Station  
City of Georgetown  
Williamson County, TX







Austin Annual 84-92

January 1

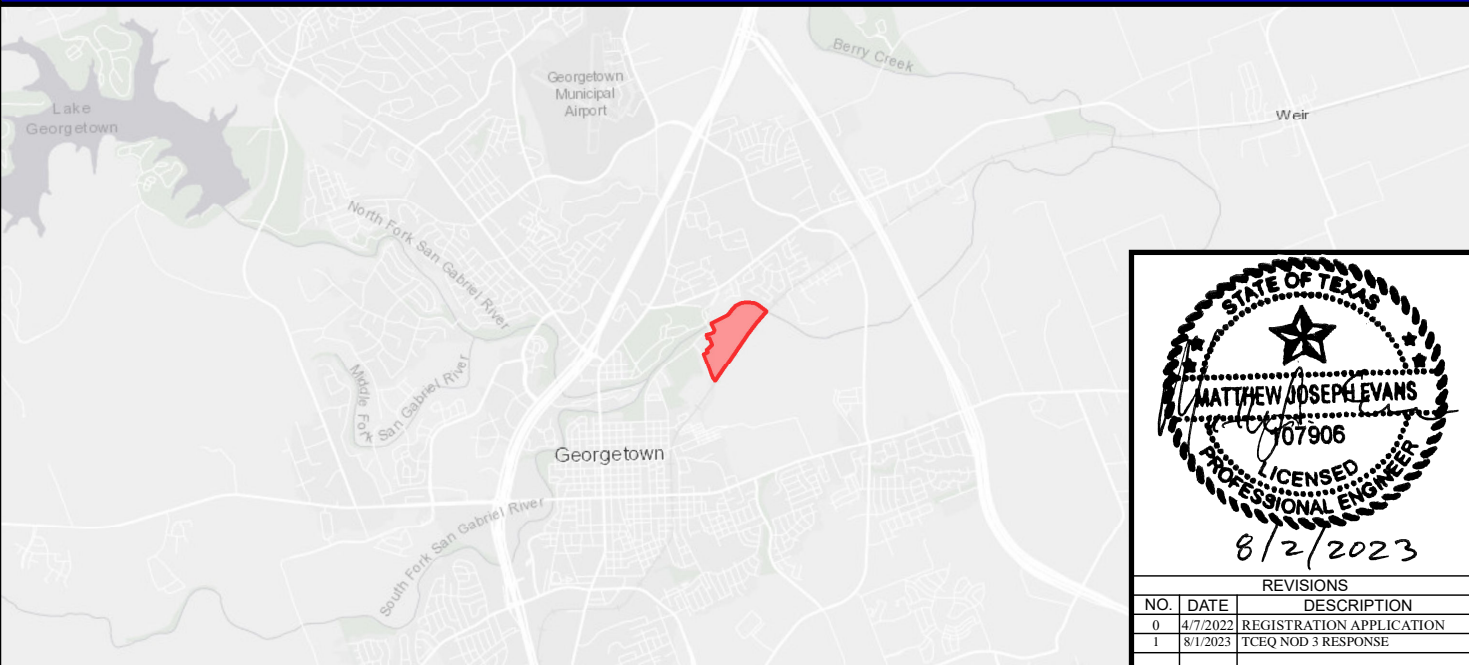
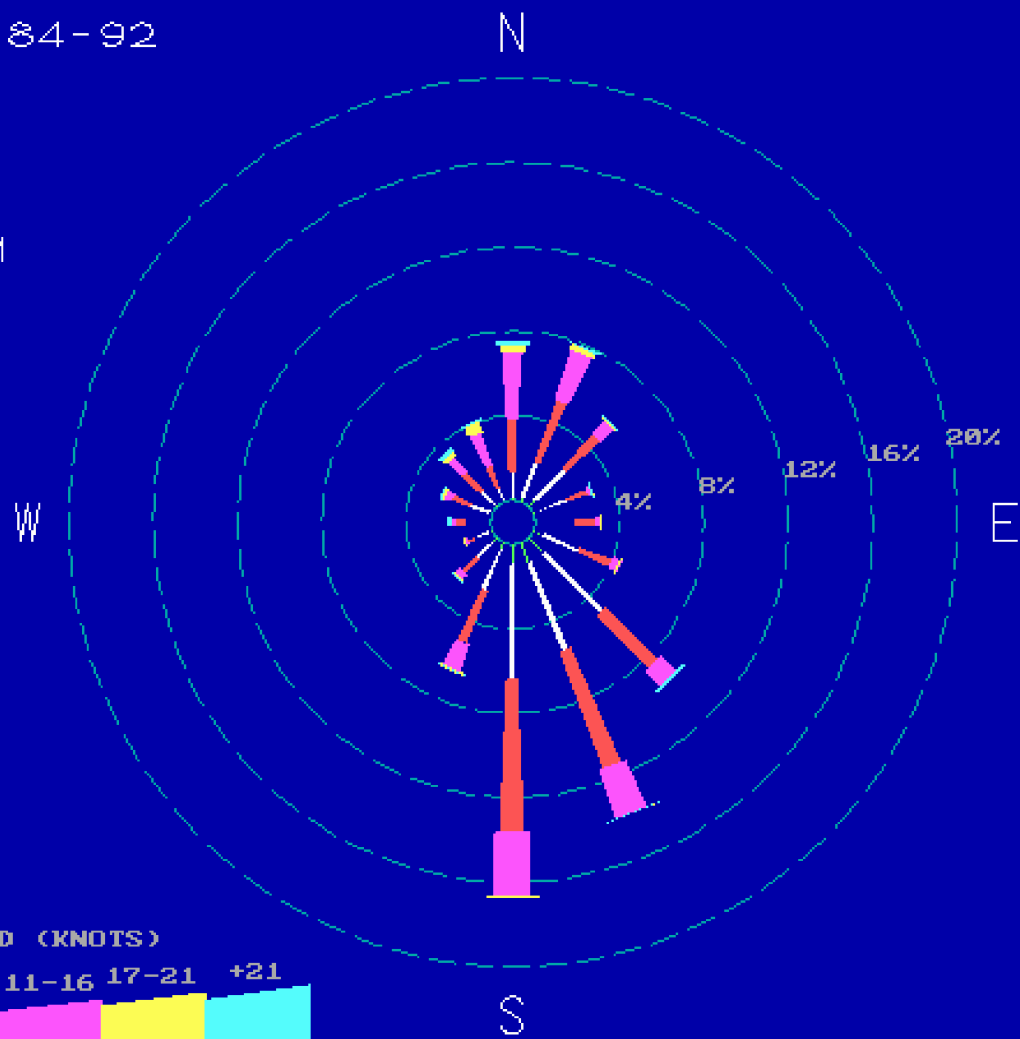
December 31

Midnight-11 PM

NOTE: Frequencies indicate direction from which the wind is blowing.

CALM WINDS 5.69%

WIND SPEED (KNOTS)



STATE OF TEXAS

MATTHEW JOSEPH EVANS

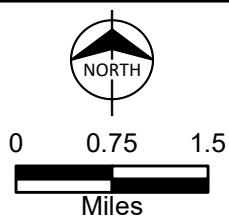
107906

LICENSED PROFESSIONAL ENGINEER

8/2/2023

REVISIONS		
NO.	DATE	DESCRIPTION
0	4/7/2022	REGISTRATION APPLICATION
1	8/1/2023	TCEQ NOD 3 RESPONSE

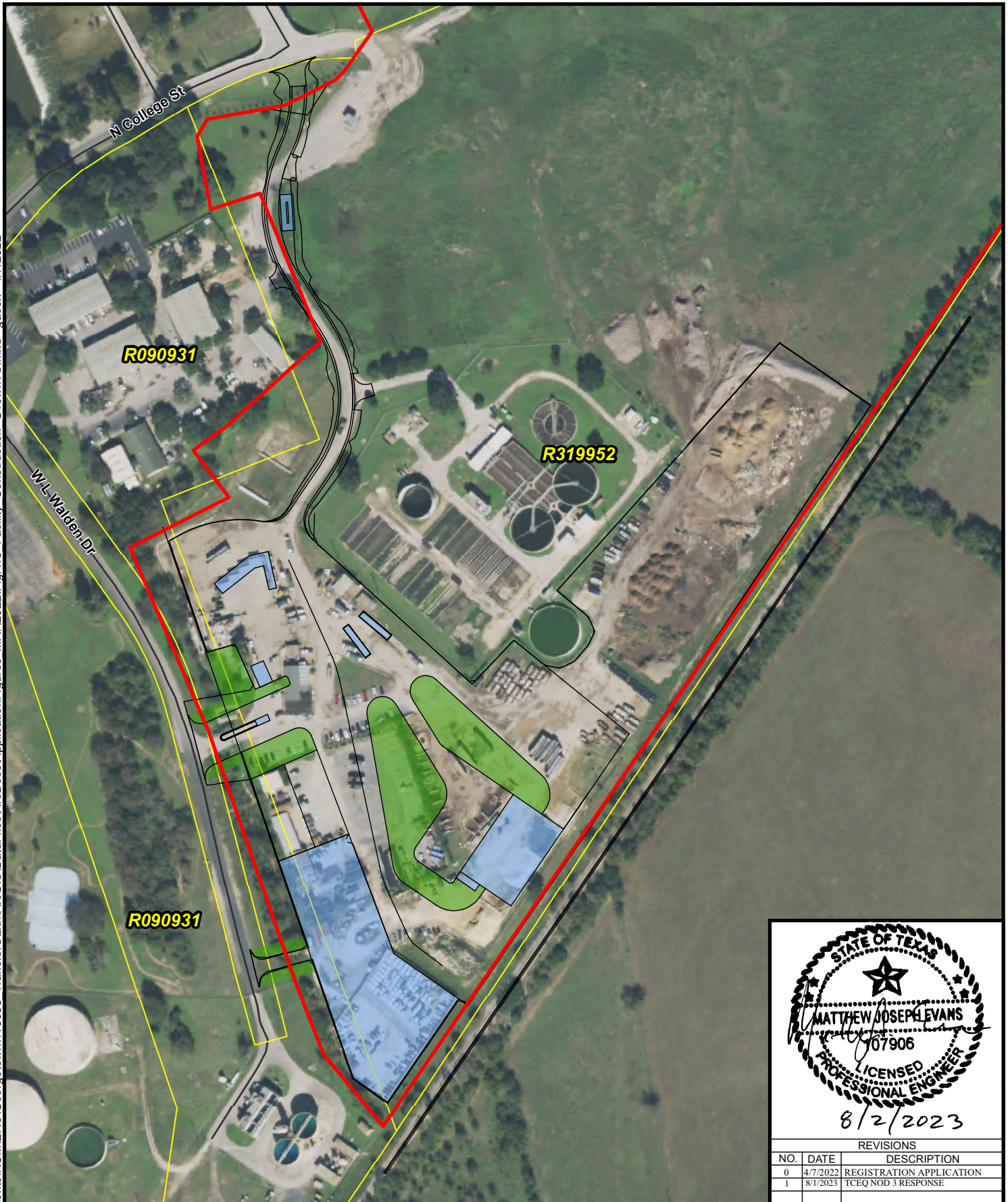
Registration Boundary



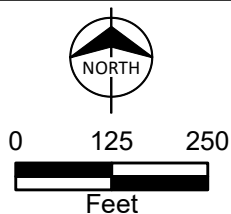
BURNS  
MCDONNELL

Figure I/II.A-12  
Wind Rose  
Georgetown Transfer Station  
City of Georgetown  
Williamson County, TX

Path: Z:\Resources\Local\Clients\Georgetown\115655 Transfer\Station\ArcGIS\GIS\DataFiles\ArcDocs\Application\Figures MAR2022\FigA13 Facility Construction GTownTS.mxd gacox 4/7/2022



- Registration Boundary
- Unknown Design Element
- Unknown Design Element
- Parcel Boundary



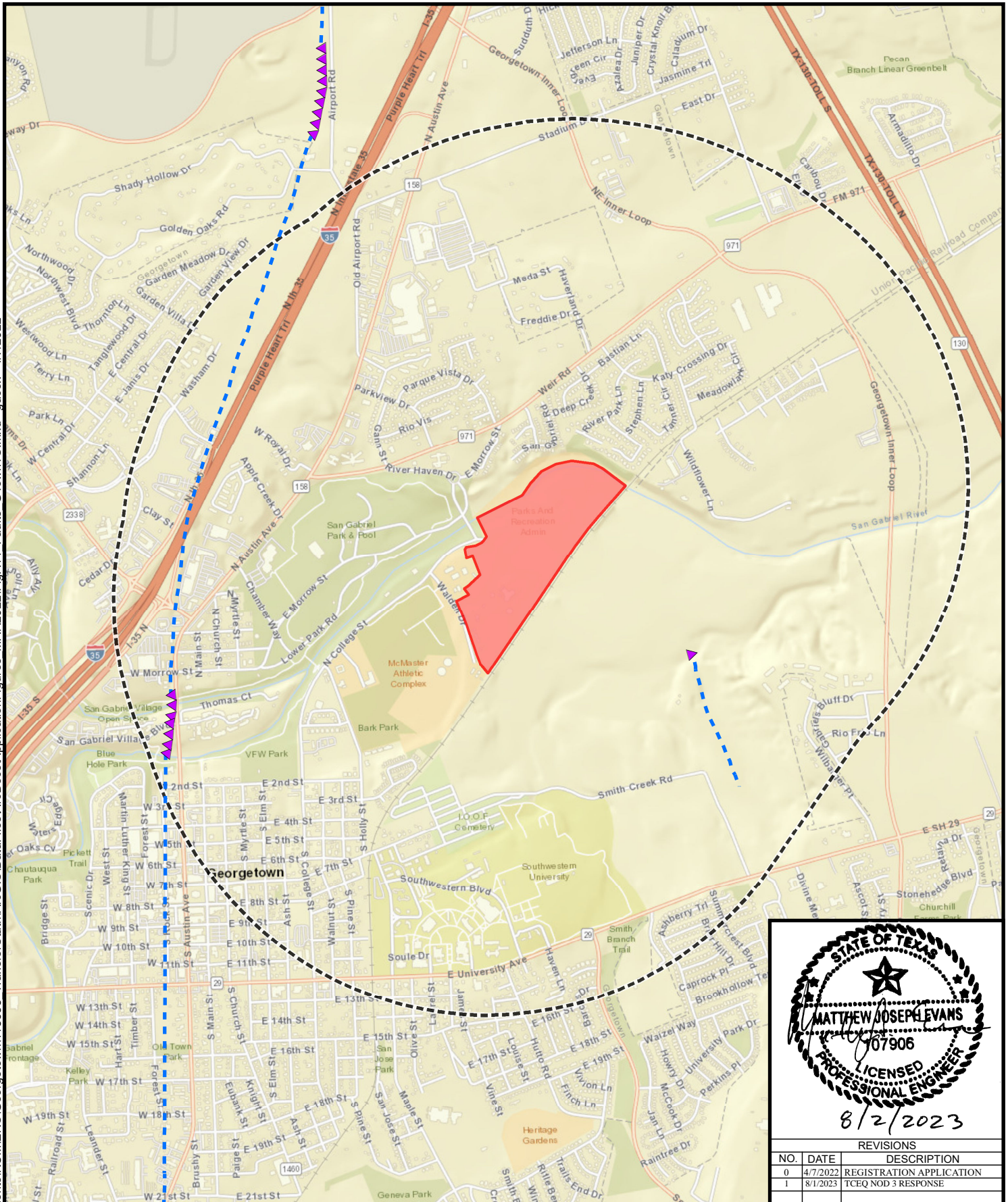
STATE OF TEXAS

REVISIONS		
NO.	DATE	DESCRIPTION
0	4/7/2022	REGISTRATION APPLICATION
1	8/1/2023	TCEQ NOD 3 RESPONSE

Figure I/II.A-13  
Facility Construction Boundary  
Georgetown Transfer Station  
City of Georgetown  
Williamson County, TX



Path: Z:\Resources\Local\Clients\KCM\EN\Georgetown\115655 Transfer\Station\ArcGIS\MapData\ArcDocs\Application\Figures MAR2022\FigA14 Faults GTownTS.mxd gacox 4/7/2022



- ▲▲▲ Concealed Normal Fault
- - - Inferred Normal Fault
- Registration Boundary
- 1-Mile Project Radius

\*No seismic impact zones within 1-mile.



0 1,000 2,000  
Feet

BURNS  
MCDONNELL

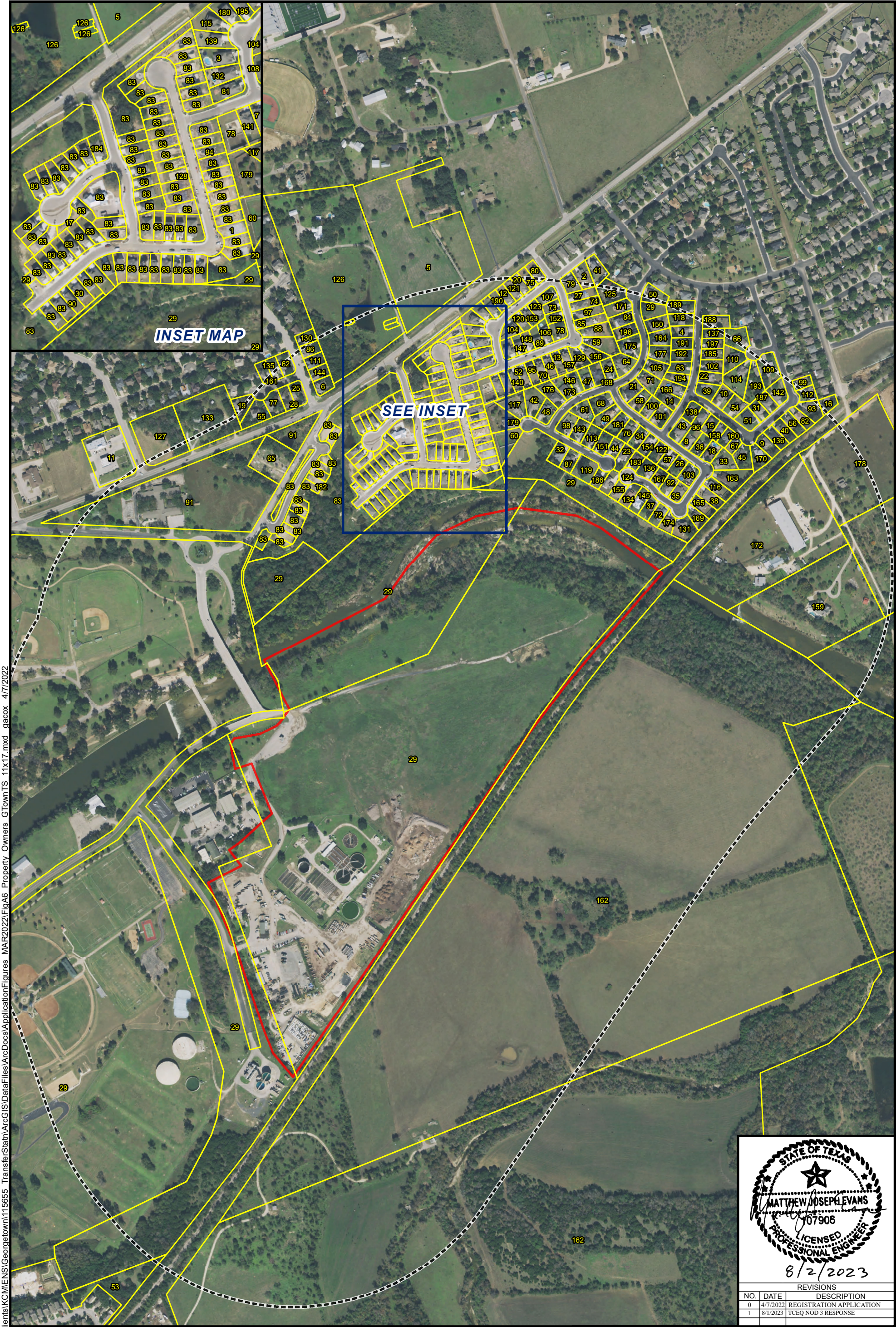
STATE OF TEXAS  
MATTHEW JOSEPH EVANS  
107906  
LICENSED PROFESSIONAL ENGINEER  
8/2/2023

REVISIONS		
NO.	DATE	DESCRIPTION
0	4/7/2022	REGISTRATION APPLICATION
1	8/1/2023	TCEQ NOD 3 RESPONSE

Figure I/II.A-14  
Faults  
Georgetown Transfer Station  
City of Georgetown  
Williamson County, TX

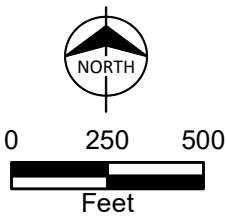
## **APPENDIX I/II-B PROPERTY OWNERSHIP LIST AND MAP**





Path: Z:\Resources\Local\Clients\KCM\EN\Georgetown\115655 - Transfer\Stam\ArcGIS\MapDocs\MapDocs\FigA6 - Property Owners - GTown\TS 11x17.mxd gacox 4/7/2022

- Parcel Boundary
- Registration Boundary
- 0.25-Mile Project Radius



STATE OF TEXAS  
MATTHEW JOSEPH EVANS  
07906  
LICENSED PROFESSIONAL ENGINEER  
8/2/2023

REVISIONS		
NO.	DATE	DESCRIPTION
0	4/7/2022	REGISTRATION APPLICATION
1	8/1/2023	TCEQ NOD 3 RESPONSE

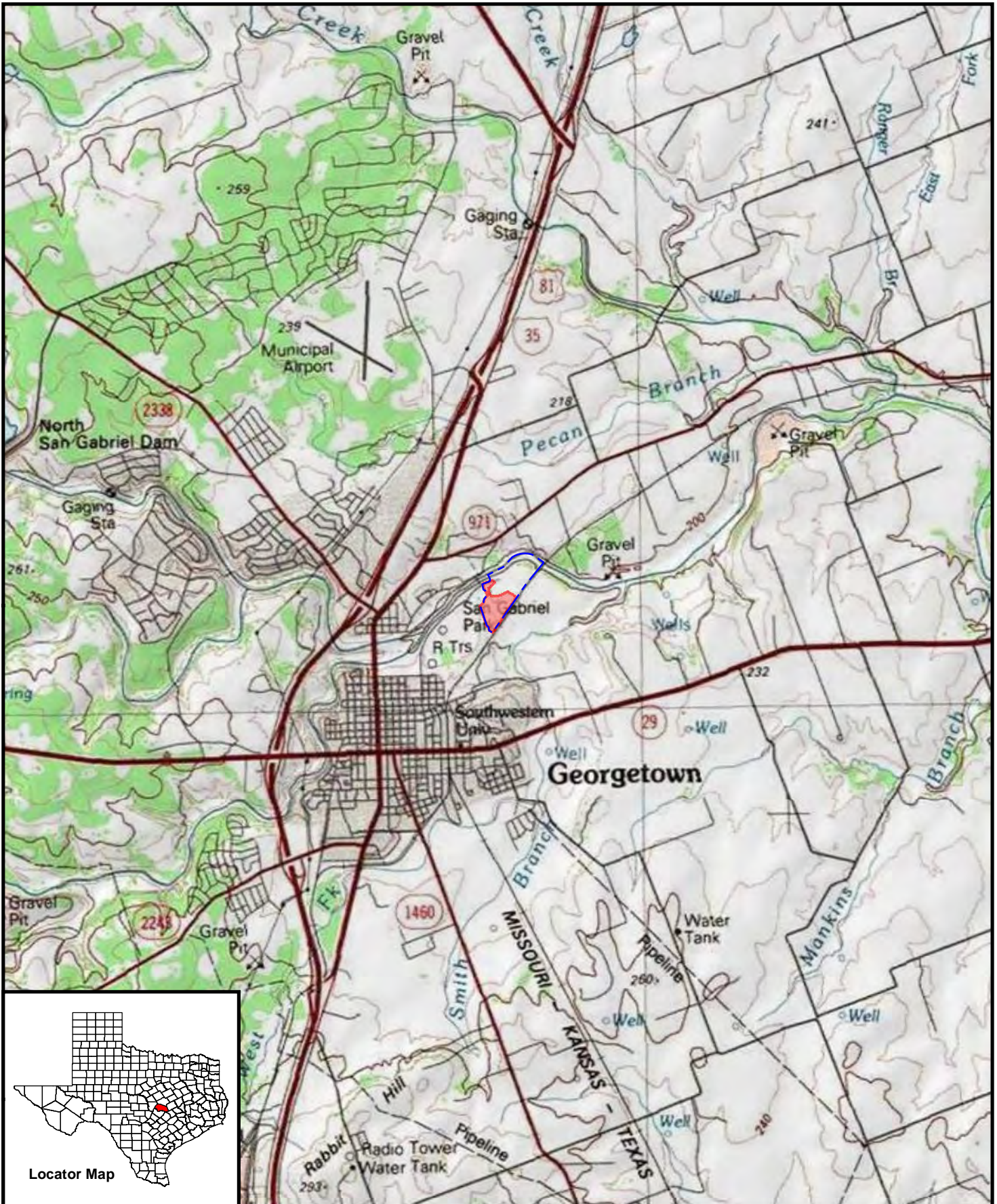
Figure I/II.B-1  
Property Ownership  
Georgetown Transfer Station  
City of Georgetown  
Williamson County, TX



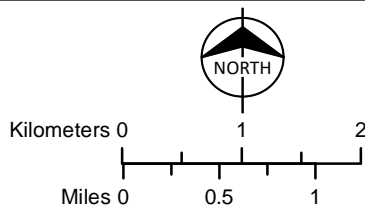
## **APPENDIX I/II-D TEXAS HISTORICAL COMMISSION COORDINATION**



## **ATTACHMENT 1 - FIGURES**



- Project Area
- Registration Boundary



**BURNS  
MCDONNELL**

**Figure I/II.D.A1.1**  
**Project Location**  
 Georgetown Transfer Station  
 City of Georgetown  
 Williamson County, TX



Path: \\mod\dfs\Resources\Georgetown\115655\_TransferStation\ArcGISDataFiles\ArcDocs\SHPO Consult\Fig2\_Project\_Components\_GTownTS.mxd gacox 4/21/2020  
 Service Layer Credit Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

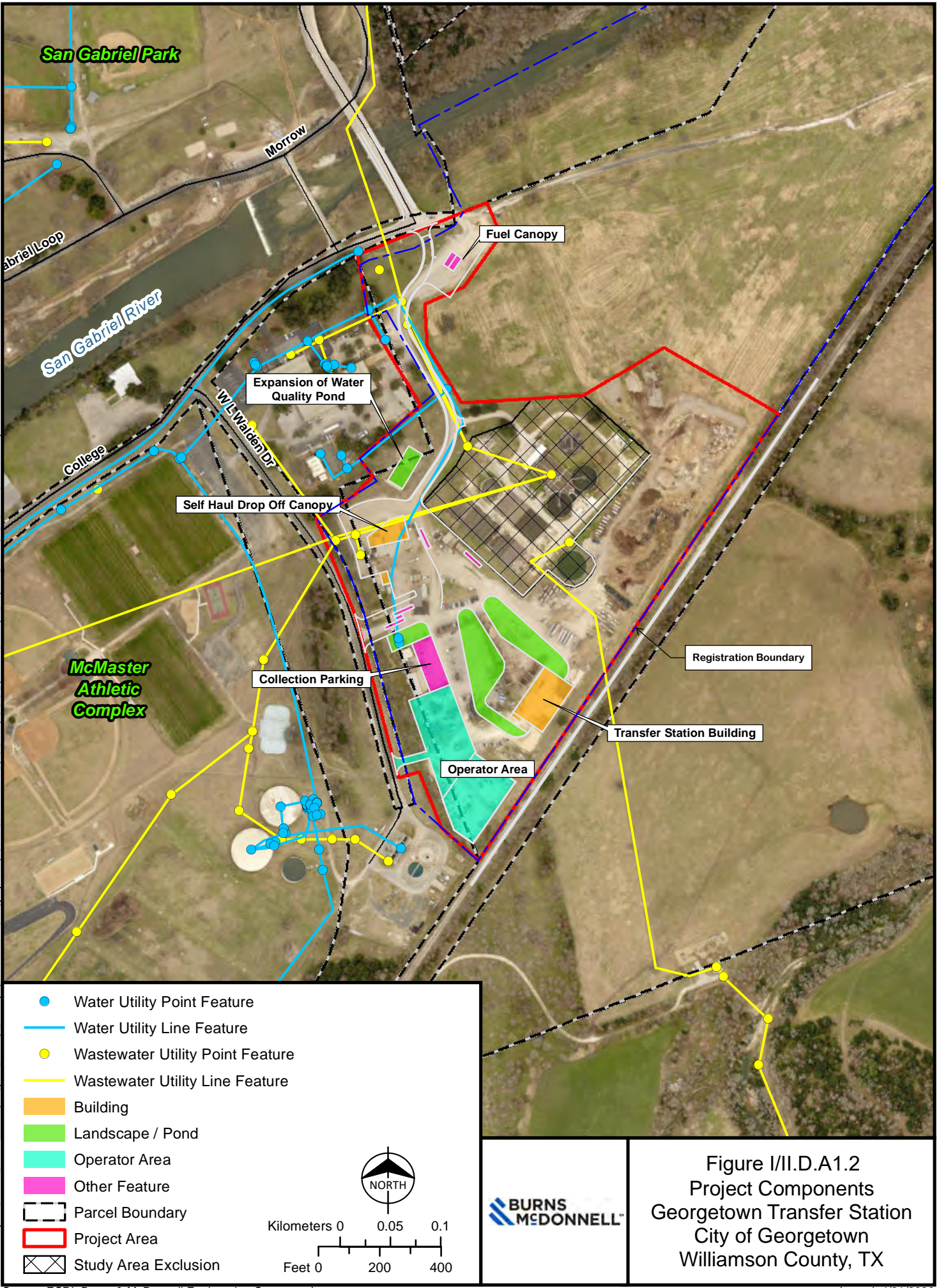
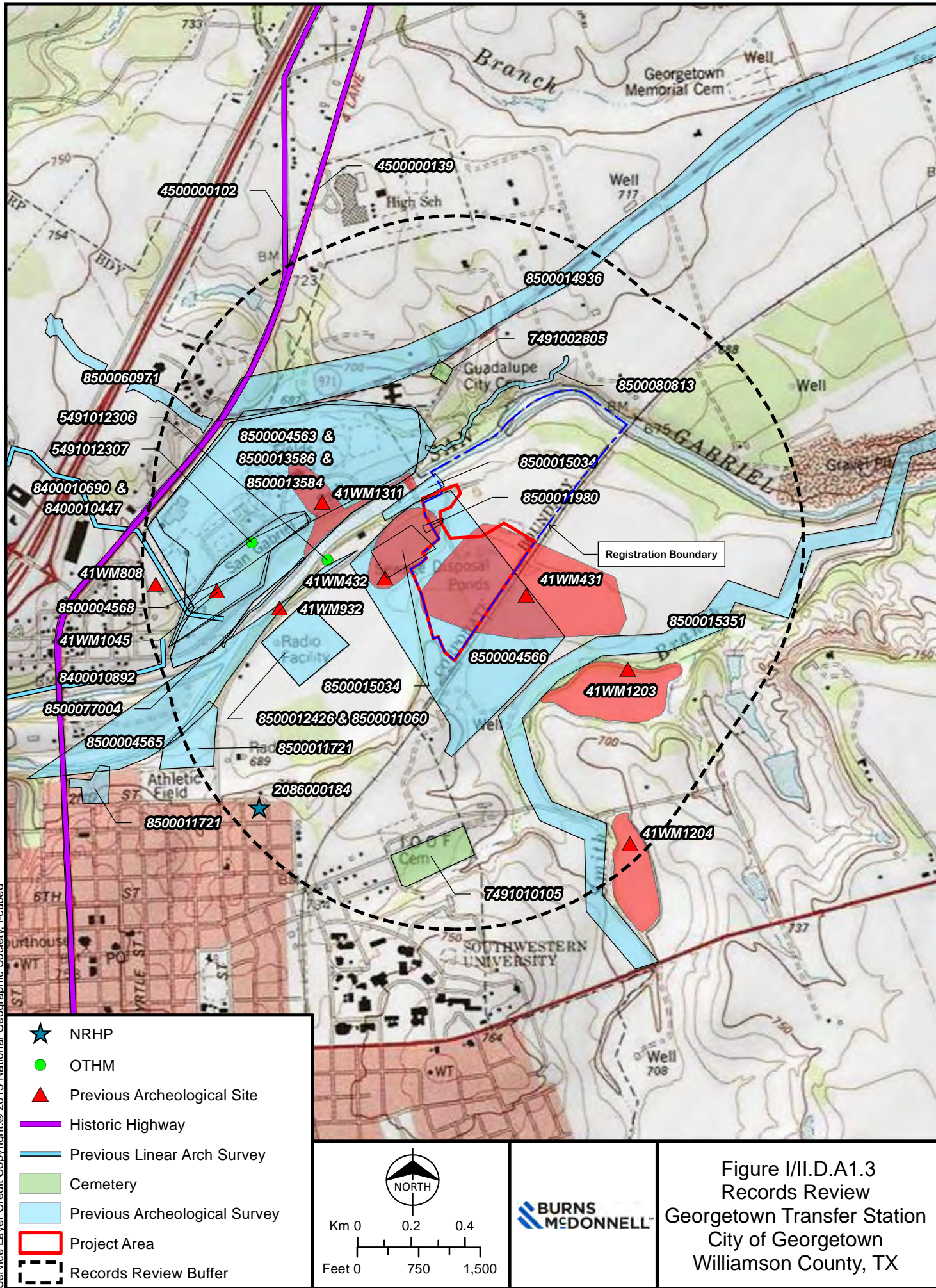


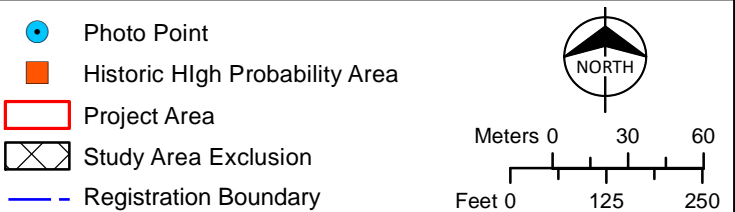
Figure I/II.D.A1.2  
 Project Components  
 Georgetown Transfer Station  
 City of Georgetown  
 Williamson County, TX







Path: \\mod\dfs\Resources\Georgetown\115655\_TransferStation\ArcGIS\DataFiles\ArcDocs\SHPO Consult\Fig4\_PhotoPoints\_GTownTS.mxd gacox 4/22/2020  
 Service Layer Credit Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



**Figure I/II.D.A1.4**  
**Photo Points**  
**Georgetown Transfer Station**  
**City of Georgetown**  
**Williamson County, TX**



Path: \\mod\dfs\Resources\Georgetown\KCM\EN\Georgetown\115655\_TransferStation\ArcGIS\DataFiles\ArcDocs\SHPO\Consult\Fig5\_Soils\_GTown\TS.mxd gacox 4/21/2020  
Service Layer Credit Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



OaA: Oakalla silty clay loam, 0 to 2 percent slopes, occasionally flooded  
QuC: Queeny clay loam, 1 to 5 percent slopes  
SvB: Sunev silty clay loam, 1 to 3 percent slopes

- Soil Unit
- Project Area
- Study Area Exclusion
- Registration Boundary

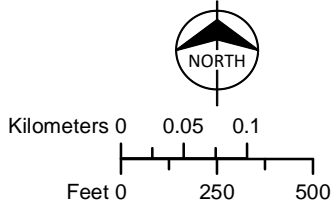
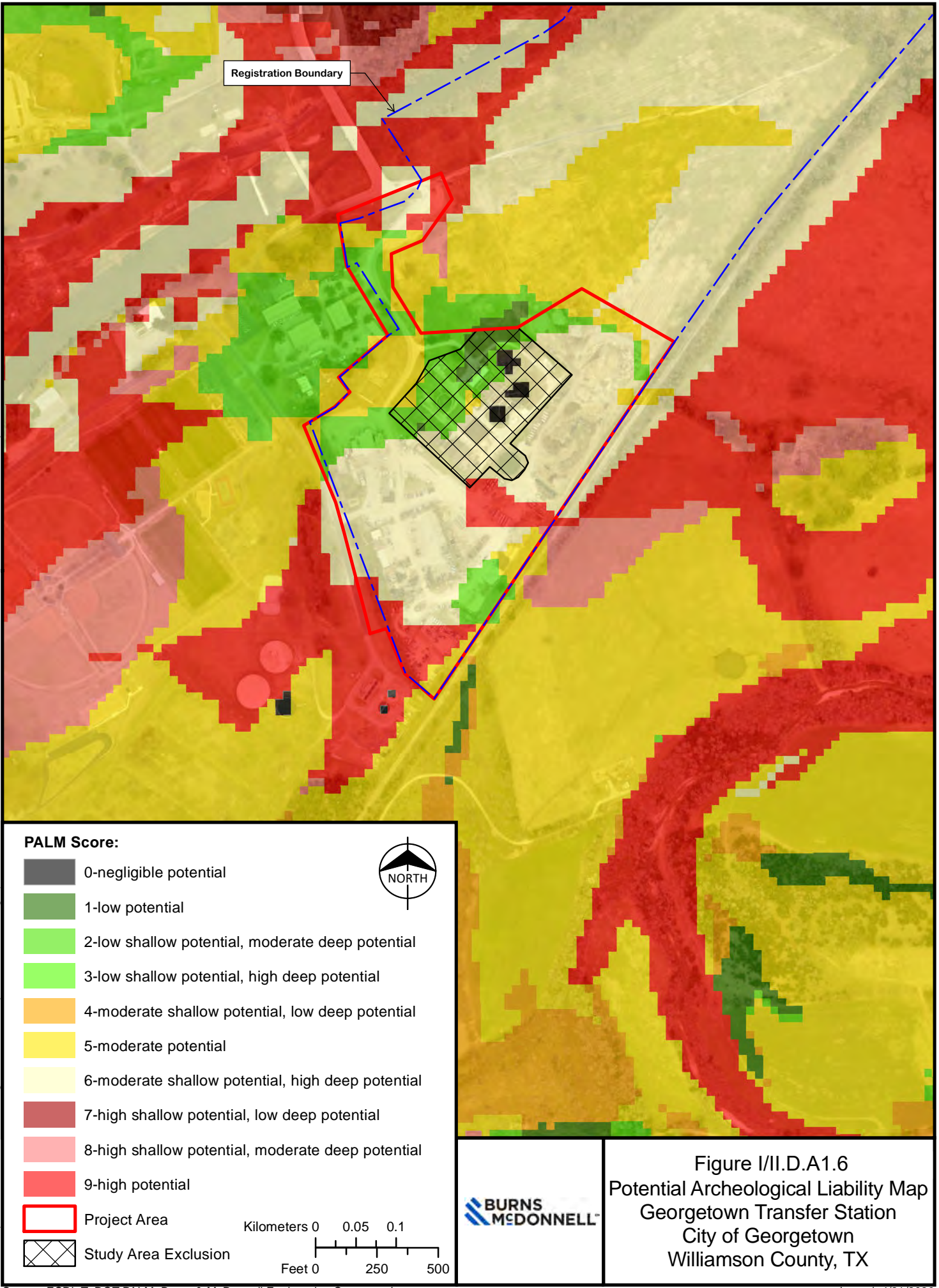


Figure I/II.D.A1.5  
Soil Unit Map  
Georgetown Transfer Station  
City of Georgetown  
Williamson County, TX



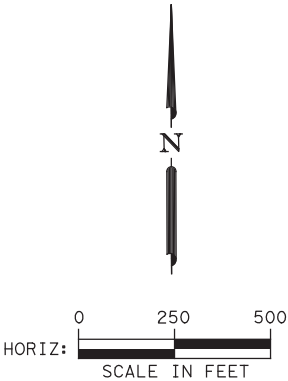
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Service Layer Credit Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



## **ATTACHMENT 3 - TRANSFER STATION SITE PLAN**



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LEGEND

- DRAINAGE AREA IDENTIFIER  
DRAINAGE AREA ACRES
- DRAINAGE AREA FLOW
- DRAINAGE AREA BOUNDARY



DATE 4/07/2020  
DESIGNED



GEORGETOWN TRANSFER STATION

EXISTING DRAINAGE AREAS

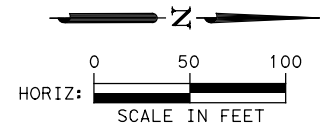
DRAWING I/I.D.A3.1

PROJECT	115655
CONTRACT	0000
SHEET NO.	SHEET TOTAL 10



CITY OF GEORGETOWN  
(REMAINDER OF 100 AC.)  
VOL. 329, PG. 132  
D.R.W.C.T.

CITY OF GEORGETOWN  
(23.62 AC.)  
VOL. 674, PG. 872  
D.R.W.C.T.



CITY OF GEORGETOWN  
(23.62 AC.)  
VOL. 674, PG. 872  
D.R.W.C.T.

CITY OF GEORGETOWN  
(73.48 AC.)  
VOL. 465, PG. 381  
D.R.W.C.T.

LEGEND

- EXISTING CONDITIONS
- PROPOSED CONDITIONS
- FENCE
- STORMWATER DRAINAGE DIRECTION

WALDEN DR.

EXISTING ROW

PROPERTY LINE

OPERATOR  
AREA

PUBLIC SCALE  
(FUTURE)

GARDEN  
CENTER

PUBLIC SCALE  
(FUTURE)

SELF HAUL DROP  
OFF CANOPY

WOOD

TRASH

METAL

TRASH

RECYCLE

TIRES

WOOD

JERSEY BARRIER

GATE HOUSE

TRUCK SCALE

PAVEMENT

TRUCK SCALE

LANDSCAPE

LANDSCAPE

TRANSFER  
BUILDING

EXISTING ROW

YARD WASTE  
PARK AND  
BRUSH AREA

BRUSH  
AREA



DATE 4/07/2020  
DESIGNED



GEORGETOWN TRANSFER STATION

GENERAL SITE ARRANGEMENT

DRAWING I/II.D.A3.2

PROJECT 115655

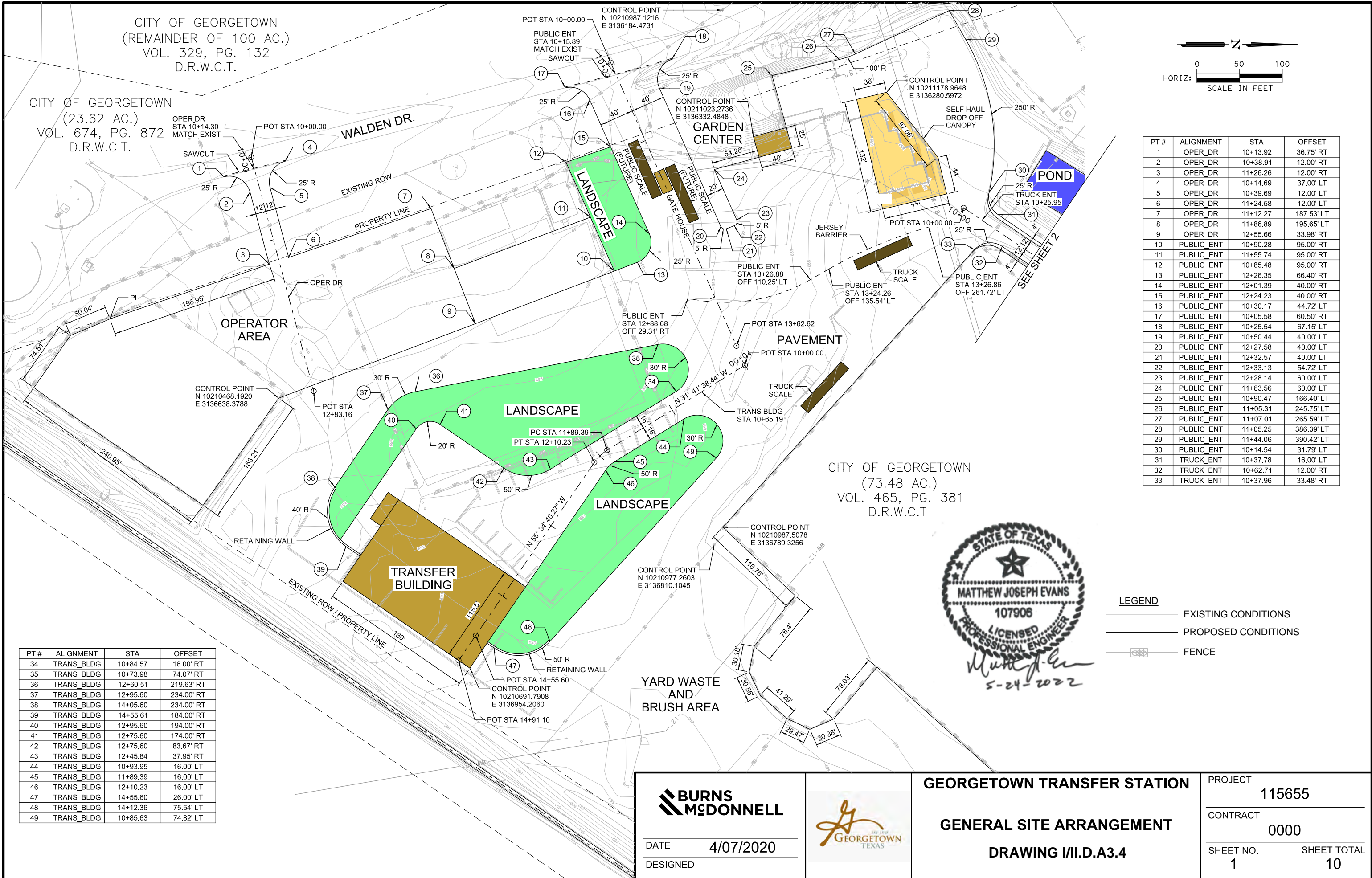
CONTRACT 0000

SHEET NO. 1 SHEET TOTAL 10





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HORIZONTAL CURVE DATA

TRUCK\_ENT1

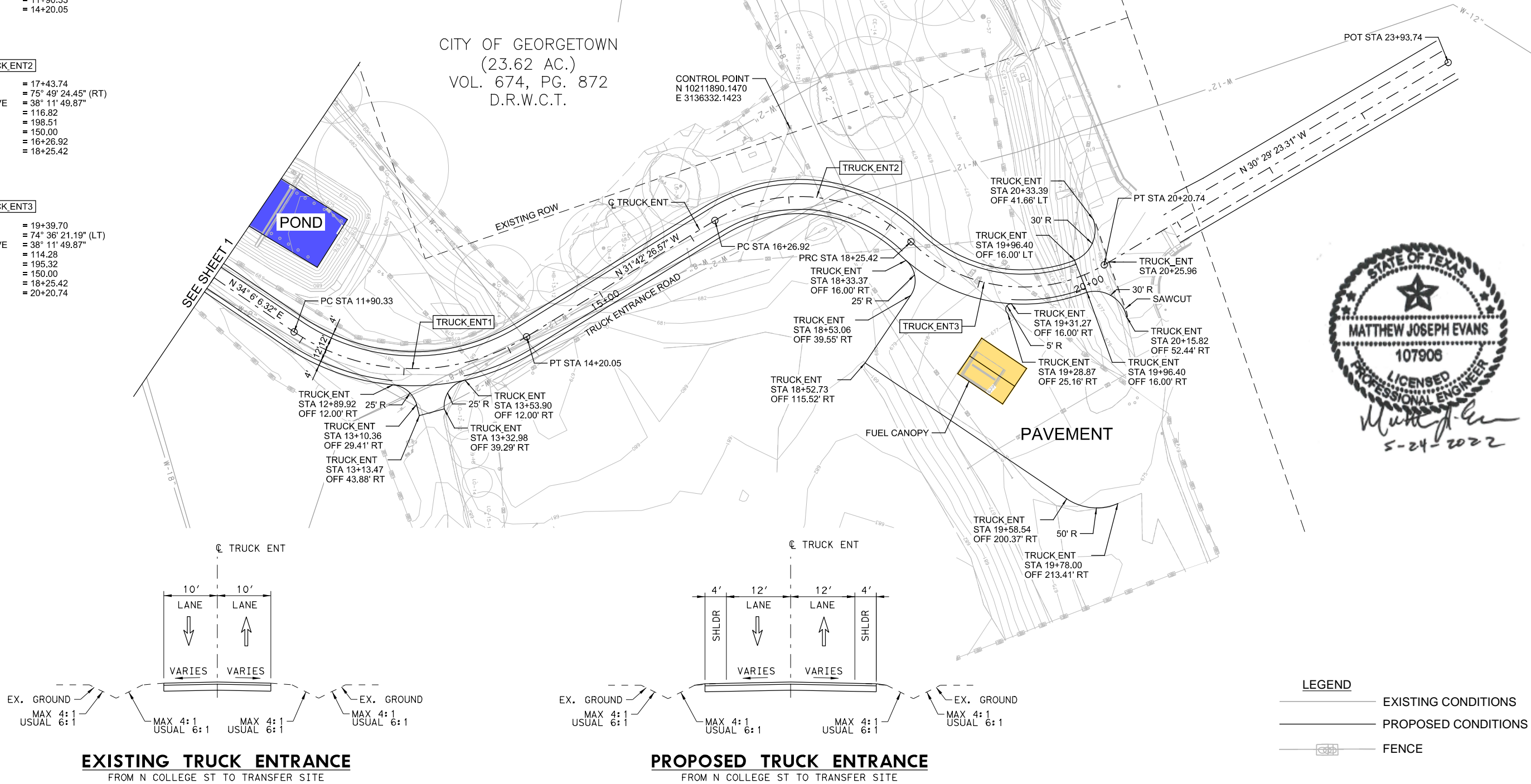
PI STATION = 13+19.74  
DELTA = 65° 48' 32.88" (LT)  
DEGREE OF CURVE = 28° 38' 52.40"  
TANGENT = 129.41  
LENGTH = 229.72  
RADIUS = 200.00  
PC STATION = 11+90.33  
PT STATION = 14+20.05

TRUCK\_ENT2

PI STATION = 17+43.74  
DELTA = 75° 49' 24.45" (RT)  
DEGREE OF CURVE = 38° 11' 49.87"  
TANGENT = 116.82  
LENGTH = 198.51  
RADIUS = 150.00  
PC STATION = 16+26.92  
PT STATION = 18+25.42

TRUCK\_ENT3

PI STATION = 19+39.70  
DELTA = 74° 36' 21.19" (LT)  
DEGREE OF CURVE = 38° 11' 49.87"  
TANGENT = 114.28  
LENGTH = 195.32  
RADIUS = 150.00  
PC STATION = 18+25.42  
PT STATION = 20+20.74

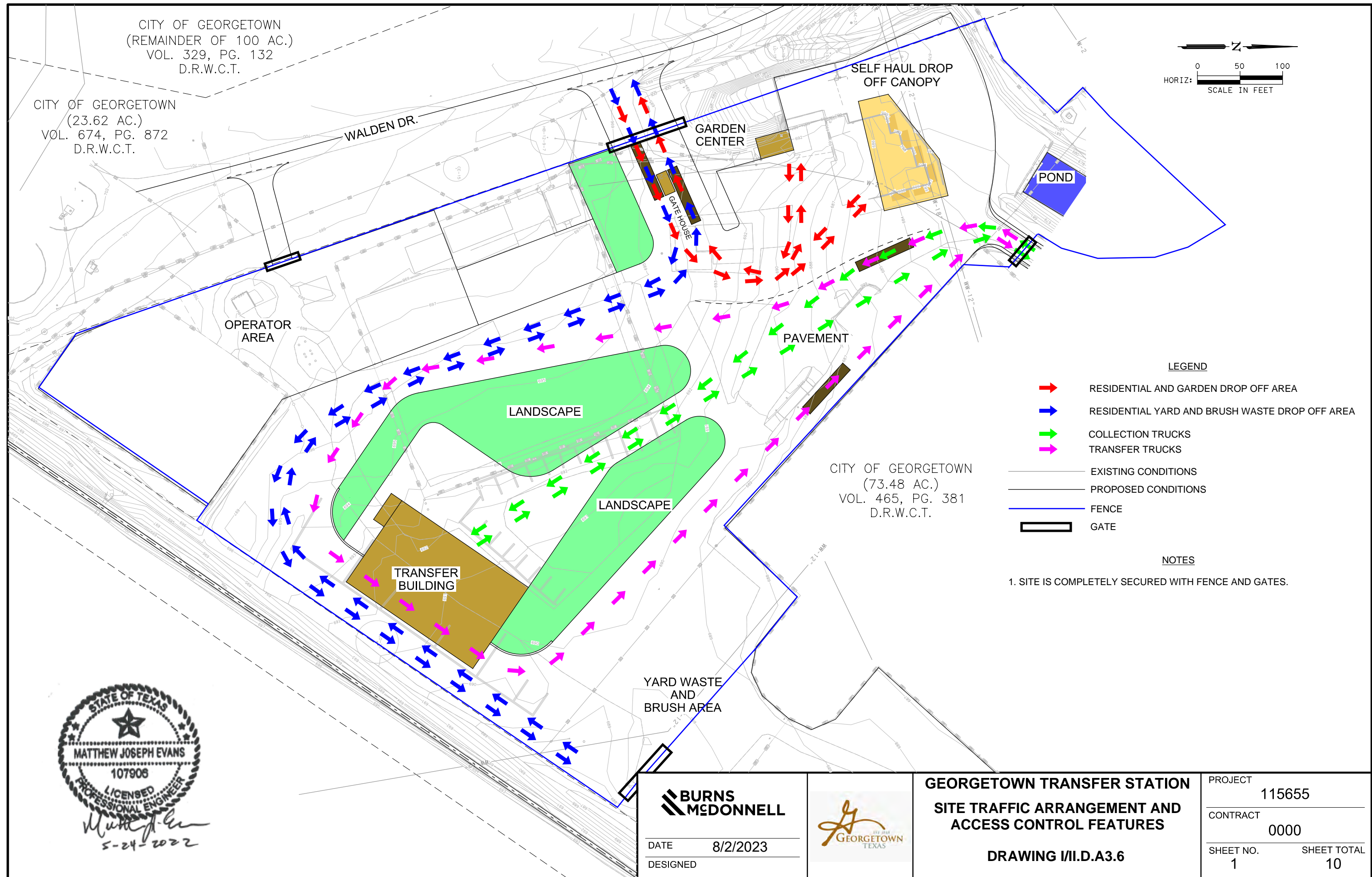
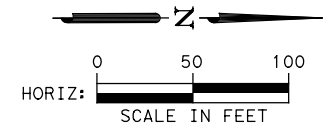



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CITY OF GEORGETOWN  
(23.62 AC.)  
VOL. 674, PG. 872  
D.R.W.C.T.





DATE 8/2/2023  
DESIGNED

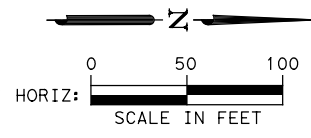
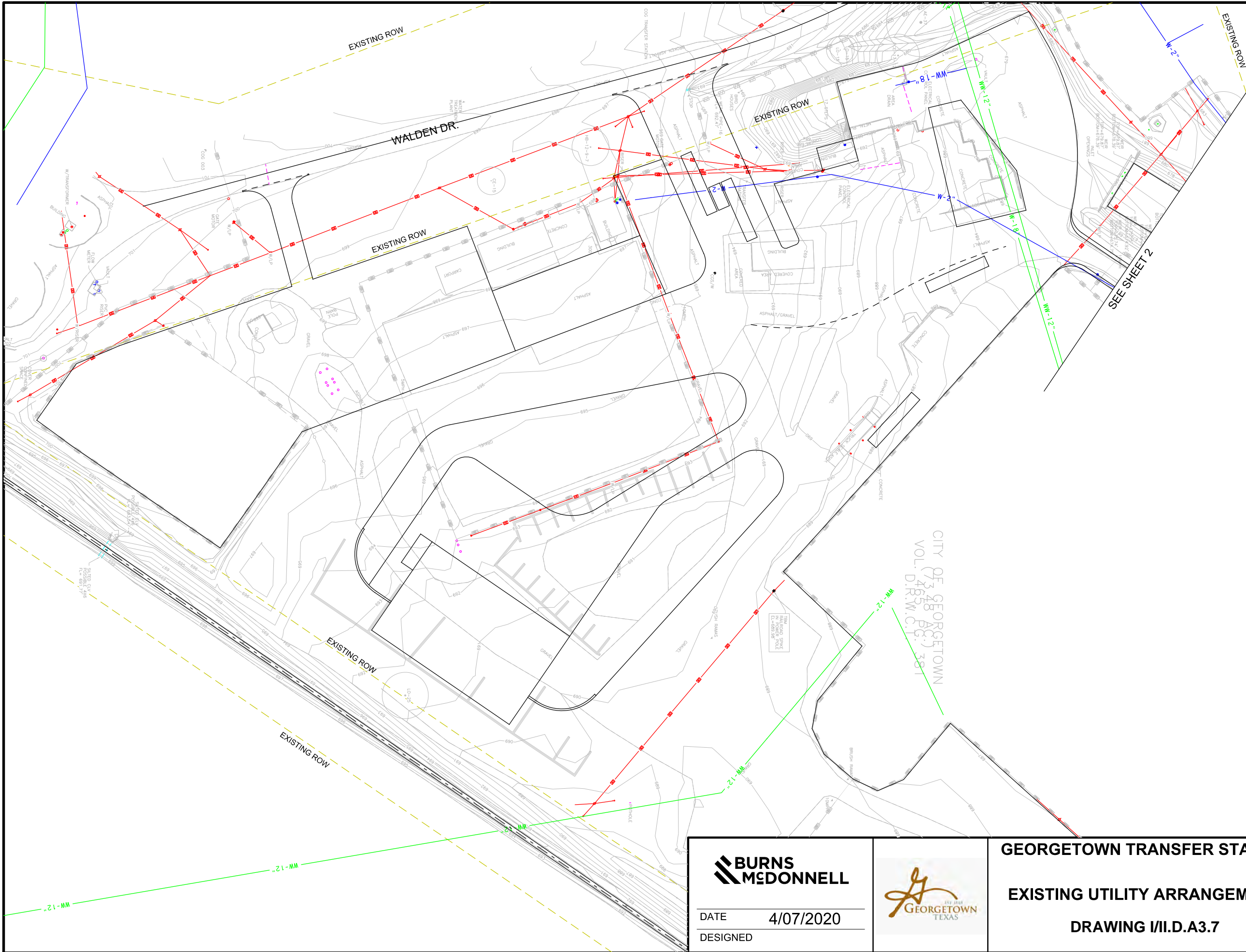


GEORGETOWN TRANSFER STATION  
SITE TRAFFIC ARRANGEMENT AND  
ACCESS CONTROL FEATURES

DRAWING I/II.D.A3.6

PROJECT	115655
CONTRACT	0000
SHEET NO.	1
SHEET TOTAL	10

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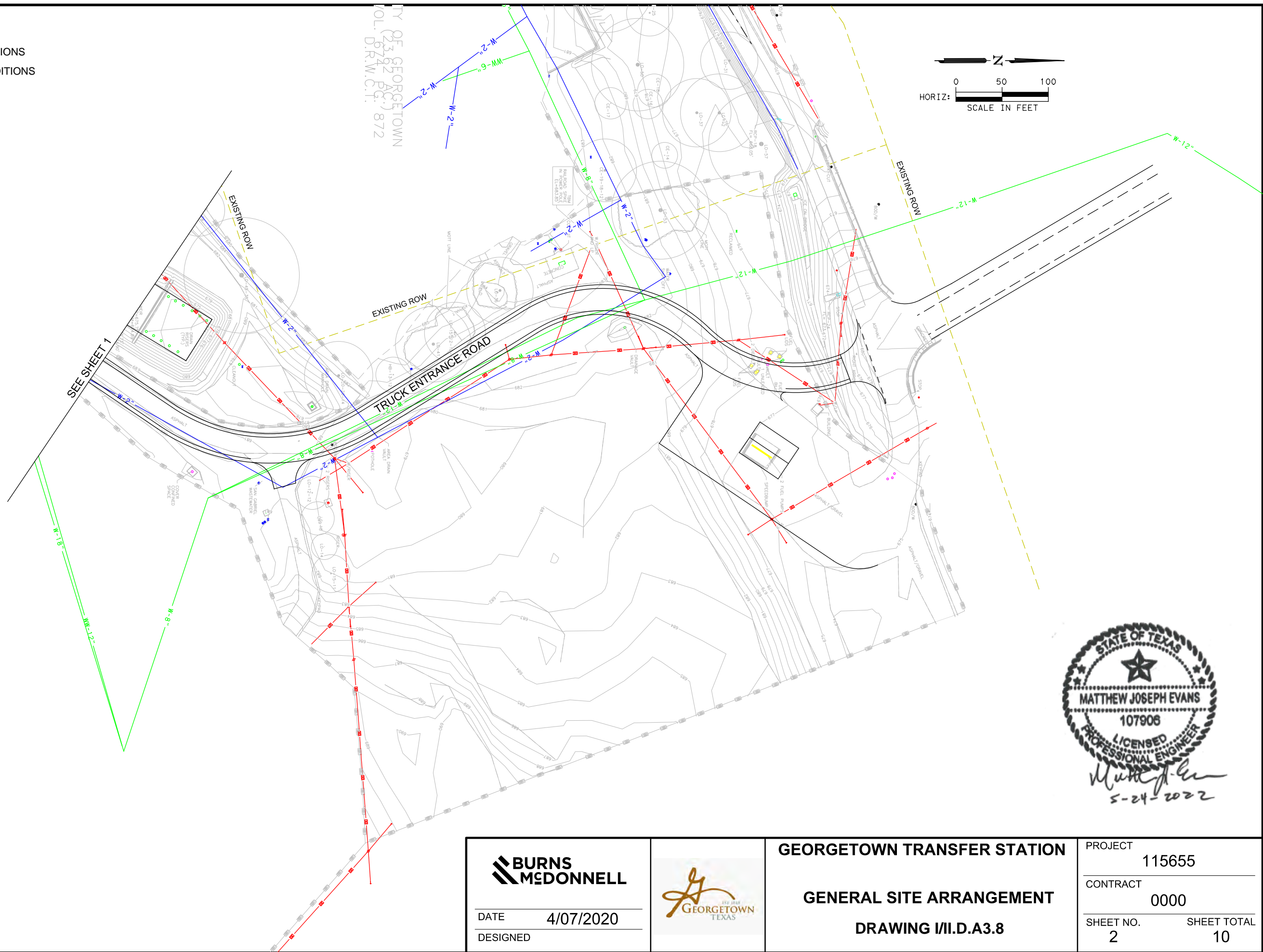
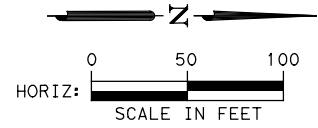
- LEGEND**
- EXISTING CONDITIONS
  - PROPOSED CONDITIONS
  - WW-12" WASTEWATER
  - ELECTRIC
  - W-2" WATER
  - FENCE
  - STORMWATER
  - EXISTING ROW



 DATE 4/07/2020 DESIGNED		<b>GEORGETOWN TRANSFER STATION</b>  <b>EXISTING UTILITY ARRANGEMENT</b>  <b>DRAWING I/II.D.A3.7</b>	PROJECT 115655
			CONTRACT 0000
			SHEET NO. 1 SHEET TOTAL 10



- LEGEND**
- EXISTING CONDITIONS
  - PROPOSED CONDITIONS
  - WW-12" WASTEWATER
  - ELECTRIC
  - W-2" WATER
  - FENCE
  - STORMWATER
  - EXISTING ROW



DATE 4/07/2020  
DESIGNED



GEORGETOWN TRANSFER STATION

GENERAL SITE ARRANGEMENT

DRAWING I/II.D.A3.8

PROJECT		115655
CONTRACT		0000
SHEET NO.	SHEET TOTAL	
2	10	



## **ATTACHMENT I/II - 2 WETLAND DELINEATION REPORT**



August 5, 2020

Eric Johnson  
City of Georgetown  
809 Martin Luther King Jr. Street  
Georgetown, Texas 78626

Re: Wetland Delineation Summary and Recommendations  
Georgetown Transfer Station Replacement Project  
Georgetown County, Texas

Dear Mr. Johnson:

Burns & McDonnell Engineering Company, Inc. (Burns & McDonnell) was retained by the City of Georgetown (City) to provide wetland delineation services for the proposed Georgetown Transfer Station Replacement Project (Project) in Williamson County, Texas (Appendix A, Figure I/II.2.A-1). Burns & McDonnell understands that the City proposed a new Georgetown Transfer Station which is a Type V municipal solid waste (MSW) processing facility located in central Williamson County, Texas. The proposed facility will replace the functions of the existing Georgetown Transfer Station and will significantly improve the ability of the City to serve the waste management needs of the City and the surrounding area into the future. The proposed new facility will be located on the same tract of land owned by the City on which the current facility is located and will expand the capacity of the transfer station facility and enclose the waste management operations. The following sections provide information on the proposed Project and summarize the completed wetland delineation.

## **INTRODUCTION**

The purpose of the wetland and waterbody site investigation was to identify areas which may be considered potential waters of the United States (WOTUS), as defined by Section 404 of the Clean Water Act (CWA) and under the regulatory jurisdiction of the U.S. Army Corps of Engineers (USACE). The proposed Project is located within the regulatory boundary of the USACE Fort Worth District. Burns & McDonnell conducted a delineation for the Project to map the location and extent of potential waters of the U.S., including wetlands. The delineation was conducted based on the proposed new facility location, including existing building locations, access roads, collection facilities, parking lots, and additional facilities (Survey Area). The Survey Area included in the wetland delineation totaled 32.9 acres.

## **METHODS**

The following discussions summarize the methods used for the review of existing data and the wetland delineation.



Eric Johnson  
City of Georgetown  
August 5, 2020  
Page 2

### **Existing Data Review**

Burns & McDonnell reviewed available background information for the Project prior to conducting a site visit. This available background information included U.S. Geological Survey (USGS) DRG County Mosaics, which includes 1:24,000 Topographic Quadrangle maps (Georgetown, TX, 2019); U.S. Fish & Wildlife Service (USFWS) National Wetland Inventory (NWI) maps; National Agriculture Imagery Program (NAIP) aerial photography (2018); Federal Emergency Management Agency (FEMA) flood rate insurance maps; and U.S. Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS) 2017 Soil Survey Geographic (SSURGO) digital data for Williamson County, Texas. Maps generated from this available data are included as Figure I/II.2.A-2 and Figure I/II.2.A-3 in Appendix A.

### **Wetland Delineation**

A wetland delineation was completed on July 21, 2020 in accordance with the 1987 *Corps of Engineers Wetlands Delineation Manual* (USACE, 1987) and the 2010 *Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Great Plains Region – Version 2.0* (Regional Supplement) (USACE, 2010).

Impacts to potential waters of the United States, including wetlands, as defined by 33 Code of Federal Regulations 328, included assessments of ephemeral, intermittent, and perennial streams, navigable and non-navigable waterways, wetlands, and other special aquatic sites. At the time of the field delineation, plant species were recorded to assess vegetation communities, the Project area was inspected for indicators of wetland hydrology, and the soils were inspected for hydric soil indicators as defined by Version 8.0 of the *Field Indicators of Hydric Soils in the United States* (NRCS, 2016). The 2016 National Wetland Plant List, Version 3.3 (Lichvar, et al., 2016) was used to determine the indicator status of plant species. Taxonomy of plant species follows Lichvar, et al. (2016) and the USDA PLANTS Database (USDA, 2019).

Sample plots were established at multiple locations and Wetland Determination Data Forms from the Regional Supplement were completed to characterize the Survey Area (Appendix B).

Vegetation, soil conditions, and hydrologic indicators were recorded at each of these sample plots. Locations of sample plots and other identified features were surveyed using a sub-meter accurate global positioning system (GPS) unit. Natural color photographs were taken onsite and are included in Appendix C (Photographs C-1 through C-5).

### **RESULTS**

The following sections describe the results of the existing data review and the completed wetland delineation.

Eric Johnson  
City of Georgetown  
August 5, 2020  
Page 3

### **Existing Data Review**

The existing USGS topographic maps were reviewed to familiarize Burns & McDonnell wetland personnel with the topography and potential locations of waters of the U.S. (Figure I/II.2.A-2). The USGS topographic maps indicate the Survey Area crosses nearly level to gently rolling terrain without any mapped streams or drainages. Additionally, NWI data does not indicate any wetlands located in the Survey Area.

Wetland presence based only on NWI maps cannot be assumed to be an accurate assessment of potentially occurring jurisdictional wetlands. Wetland identification criteria differ between the USFWS and the USACE. As a result, wetlands shown on an NWI map may not be under the jurisdiction of the USACE, and all USACE-jurisdictional wetlands are not always included on NWI maps. Therefore, a field visit was conducted to identify any wetlands or other waters of the U.S. that may be present.

The 2016 aerial photograph indicates the Survey Area consists existing buildings, access roads, collection facilities, parking lots, and additional facilities (Figures I/II.2.A-3 and A-4). No drainages are visible and very little woody vegetation is present.

The NRCS SSURGO digital data indicates that portions of three soil map units in Williamson County (Figure I/II.2.A-3). Of these three map units, none are included on local and national hydric soil lists.

In addition to the typical background review, Burns & McDonnell also conducted a detailed desktop wetland analysis of the proposed Survey Area. A Burns & McDonnell wetland scientist reviewed the data to identify any photo-interpreted wetlands based on visible wetland signatures (i.e. darker or lighter color signatures indicative of saturated soils on natural color aerial photography).

### **Wetland Delineation**

On July 21, 2020, Gary Newgord and Sarah Holifield, wetland scientists with Burns & McDonnell, conducted a wetland delineation of the Survey Area. The general land cover and features identified during the delineation are discussed in detail below.

*Vegetation.* Burns & McDonnell identified two vegetation communities during field investigations including herbaceous upland and palustrine emergent (PEM) wetland. Distinctions between vegetation communities were initially assessed through indicator status of dominant plant species observed within each plant community. The indicator status reflects a plant species' fidelity and preference for wetlands or uplands based upon its frequency and abundance in wetlands versus



## **APPENDIX A - FIGURES**

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Survey Area



Registration Boundary



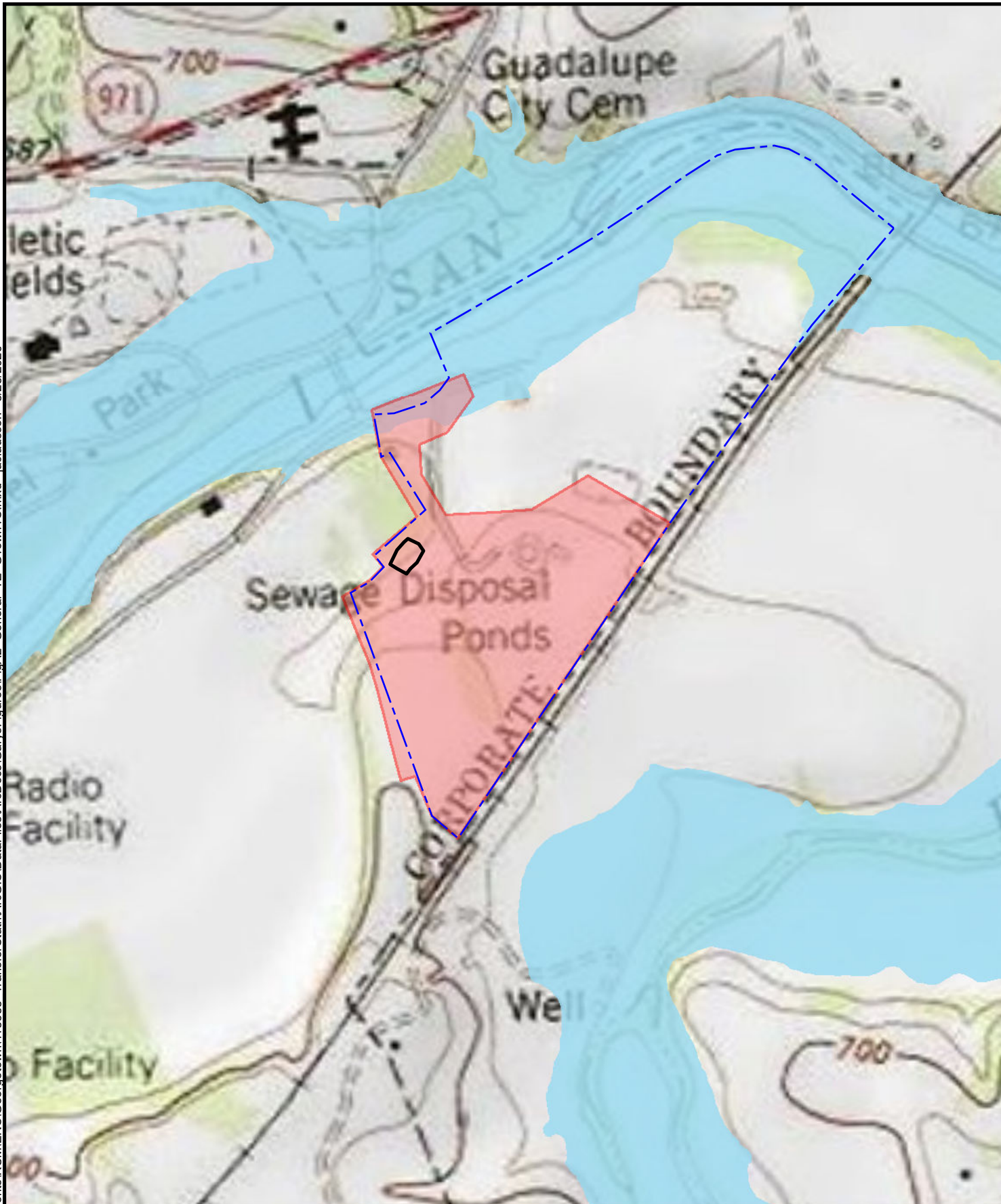
0 300 600  
Feet

**BURNS**  
**MCDONNELL**

Figure I/II.2.A-1  
Project Vicinity Map  
Georgetown Transfer Station  
City of Georgetown  
Williamson County, TX



Path: Z:\Resources\Local\Clients\KCM\EN\Georgetown\115655 - Transfer Station\ArcGIS\DataFiles\ArcDocs\GaraysFigures\FigA2 - General TE GTownTS.mxd jclaussen 8/25/2020



- Survey Area
- Detention Pond
- 100-Year Floodplain
- Registration Boundary

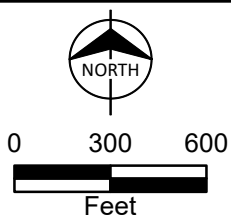
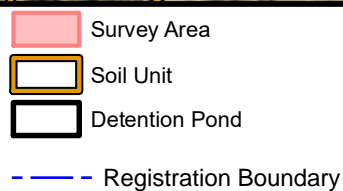
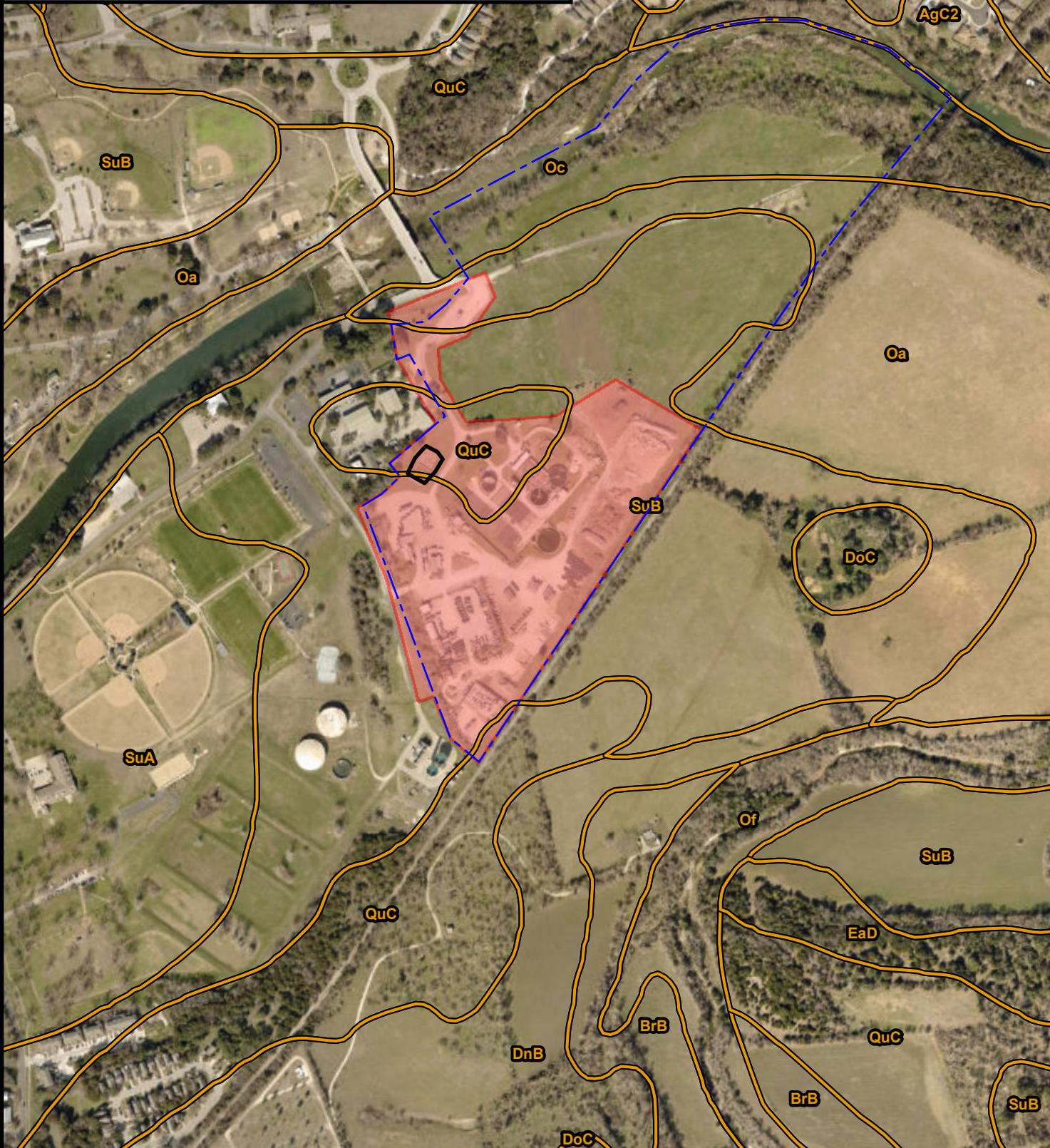


Figure I/II.2.A-2  
FEMA Floodplain, NWI Data and  
Topographic Map  
Georgetown Transfer Station  
City of Georgetown  
Williamson County, TX



Oa - Oakalla silty clay loam, 0 to 2 percent slopes, occasionally flooded  
QuC - Queeny clay loam, 1 to 5 percent slopes  
SuB - Sunev silty clay loam, 1 to 3 percent slopes

SuB - Sunev silty clay loam, 1 to 3 percent slopes



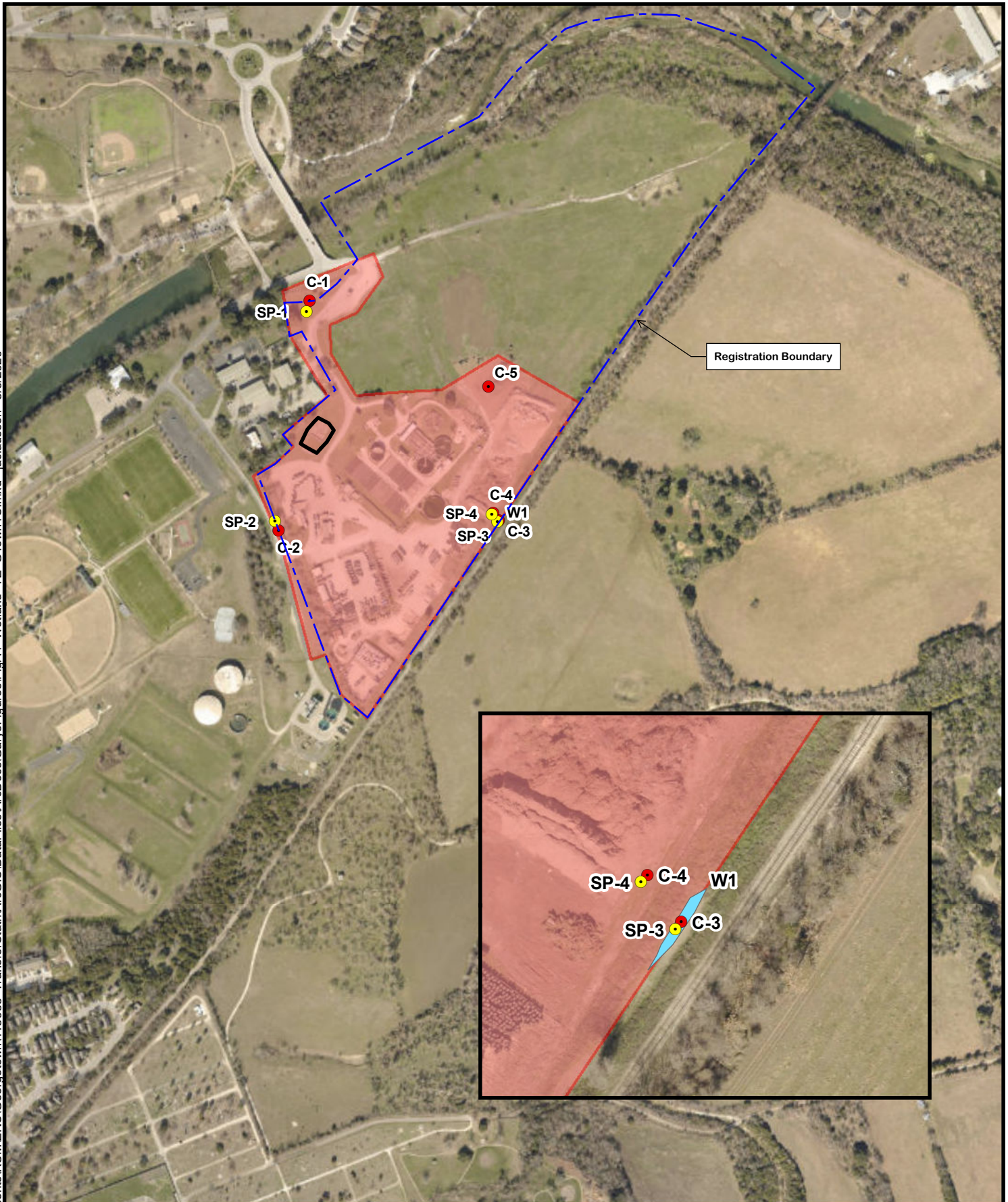
A number line is shown with markings at 0, 300, and 600. Below the line, a horizontal bar is drawn. The bar is divided into two equal segments by a vertical line at the 300 mark. The segment from 0 to 300 is white, and the segment from 300 to 600 is black. The word "Feet" is written below the bar.



Figure I/II.2.A-3  
NRCS SSURGO Soils Map  
Georgetown Transfer Station  
City of Georgetown  
Williamson County, TX



Path: Z:\Resources\Local\Clients\KCM\ENR\Georgetown\1156655 Transfer\Station\ArcGIS\GIS\DataFiles\ArcDocs\GainsFigures\FigA4 Wetland TE GTownTS.mxd jclaussen 8/6/2020



<ul style="list-style-type: none"><li>● Sample Point</li><li>● Photo Point</li><li>■ Survey Area</li><li>□ Detention Pond</li><li>■ Freshwater Emergent Wetland</li></ul> <div><p>0 300 600 Feet</p></div>		<p>Figure I/II.2.A-4 Wetland Delineation Map Georgetown Transfer Station City of Georgetown Williamson County, TX</p>
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## **ATTACHMENT I/II - 3 THREATENED AND ENDANGERED SPECIES REPORT**





September 9, 2020

Eric Johnson  
City of Georgetown  
809 Martin Luther King Jr. Street  
Georgetown, TX 78626

Re: Protected Species Report  
Georgetown Transfer Station Replacement Project  
Georgetown County, Texas

Dear Mr. Johnson:

Burns & McDonnell Engineering Company, Inc. (Burns & McDonnell) was retained by the City of Georgetown (City) to provide a protected species review for the proposed Georgetown Transfer Station Replacement Project (Project) in Williamson County, Texas (Appendix A, Figures I/II.3.A-1 and A-2). Burns & McDonnell understands that the City proposed a new Georgetown Transfer Station that is a Type V municipal solid waste (MSW) processing facility located in central Williamson County, Texas. The proposed facility will replace the functions of the existing Georgetown Transfer Station and will significantly improve the ability of the City to serve the waste management needs of the City and the surrounding area into the future. The proposed new facility will be located on the same tract of land owned by the City on which the current facility is located (Survey Area) and will expand the capacity of the transfer station facility and enclose the waste management operations. The following sections provide information within the Survey Area and summarize the protected species review.

## INTRODUCTION

The Endangered Species Act (ESA) provides protection for plants and animals on the Secretary of the Interior's list of threatened or endangered species by prohibiting the take of the listed species (16 USC § 1531–1543). Protection under the ESA may also include protection of habitat designated as critical habitat for supporting a listed species. The ESA defines take as to “harass, harm, pursue, hunt, shoot, wound, kill, trap, capture, or collect or attempt to engage in any such conduct” (16 USC § 1532). Section 7 of the ESA states that it is the responsibility of Federal agencies to ensure that any action they authorize, fund, or carry out is not likely to jeopardize the continued existence, or result in the destruction or adverse modification of habitat determined to be critical to the conservation of any such species.

Additional Federal protections are placed upon the bald eagle (*Haliaeetus leucocephalus*) and the golden eagle (*Aquila chrysaetos*) under the Bald and Golden Eagle Protection Act (BGEPA). Migratory Birds are protected under the Migratory Bird Treaty Act (MBTA).

## METHODS

Burns & McDonnell ecologists reviewed the U.S. Fish and Wildlife Service (USFWS) (2020a) and Texas Parks and Wildlife Department (TPWD) (2020a) official lists of threatened,

## APPENDIX A

### Figures



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Survey Area



Registration Boundary



0 300 600  
Feet

**BURNS**  
**MCDONNELL**

Figure I/II.3.A-1  
Project Vicinity Map  
Georgetown Transfer Station  
City of Georgetown  
Williamson County, TX





## Survey Area



## Registration Boundary



Figure I/II.3.A-2  
General Topographic Map  
Georgetown Transfer Station  
City of Georgetown  
Williamson County, TX



## **ATTACHMENT I/II - 7 VERIFICATION OF LEGAL STATUS**



## Office of the Secretary of State

### Certificate of Fact

The undersigned, as Secretary of State of Texas, does hereby certify that the document, Articles Of Incorporation for TEXAS DISPOSAL SYSTEMS LANDFILL, INC. (file number 107484000), a Domestic For-Profit Corporation, was filed in this office on April 22, 1988.

It is further certified that the entity status in Texas is in existence.

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on August 02, 2023.



A handwritten signature of Jane Nelson in black ink.

Jane Nelson  
Secretary of State





## Office of the Secretary of State

### Certificate of Fact

The undersigned, as Secretary of State of Texas, does hereby certify that the document, Articles of Incorporation for TEXAS DISPOSAL SYSTEMS, INC. (file number 42237300), a Domestic For-Profit Corporation, was filed in this office on December 15, 1977.

It is further certified that the entity status in Texas is in existence.

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on August 02, 2023.



A handwritten signature of Jane Nelson in black ink.

Jane Nelson  
Secretary of State

# Site Development Plan Part III (30 TAC 330.63)



## City of Georgetown Transfer Station

Part III Application  
Project No. 115655

Revision 4  
8/1/2023



# **Site Development Plan Part III (30 TAC 330.63)**

prepared for

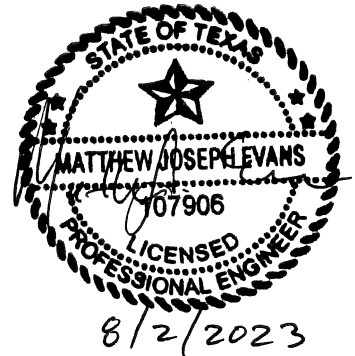
**City of Georgetown Transfer Station  
250 W. L. Walden Drive  
Georgetown, Texas**

**TCEQ MSW PERMIT NUMBER MSW 40331  
TCEQ REGISTRY NUMBER FOR FACILITY – RN101999233  
CITY OF GEORGETOWN TCEQ CUSTOMER – CN600412043**

**Project No. 115655**

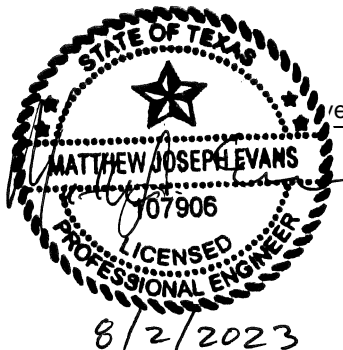
**Revision 4  
8/1/2023**

prepared by



**Burns & McDonnell Engineering Company, Inc.  
Austin, Texas**

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**TABLE OF CONTENTS****Page No.**

<b>1.0</b>	<b>SITE DEVELOPMENT PLAN.....</b>	<b>1</b>
1.1	Introduction.....	1
1.2	Background.....	1
1.3	Site Location.....	1
1.4	Land Use and Zoning [§330.63(a)].....	1
<b>2.0</b>	<b>GENERAL FACILITY DESIGN [§330.63(B)].....</b>	<b>2</b>
2.1	Facility Access.....	2
2.1.1	Adequacy of Access Roads and Highways [§330.63(a)].....	2
2.1.2	Fences and Access Control [§330.63(b)(1)].....	2
2.2	Waste Movement [§330.63(b)(2)].....	3
2.2.1	Waste Flow Diagram [§330.63(b)(2)(A)].....	3
2.2.2	Waste Schematic View Drawings [§330.63(b)(2)(B)].....	3
2.2.3	Ventilation and Odor Control [§330.63(b)(2)(C)].....	3
2.2.4	General Construction Details [§330.63(b)(2)(D, E, and F)].....	6
2.2.5	Storage of Grease, Oil, and Sludge [§330.63(b)(2)(G)].....	7
2.2.6	Effluent Discharge [§330.63(b)(2)(H)].....	8
2.2.7	Noise Pollution Control [§330.63(b)(2)(I)].....	8
2.3	Sanitation [§330.63(b)(3)].....	8
2.3.1	Water Pollution Control [§330.63(b)(4)].....	9
2.4	Endangered Species Protection [§330.63(b)(5)].....	9
<b>3.0</b>	<b>FACILITY SURFACE WATER DRAINAGE REPORT [§330.63(C)].....</b>	<b>10</b>
3.1	Surface Water Drainage.....	10
3.2	Flood Control Analysis.....	10
<b>4.0</b>	<b>WASTE MANAGEMENT UNIT DESIGN [§330.63(D)].....</b>	<b>11</b>
4.1	Storage and Transfer Units.....	11
<b>5.0</b>	<b>CLOSURE PLAN [§330.63(H)].....</b>	<b>12</b>
5.1	Closure Requirements.....	12
5.2	Certification of Final Closure.....	13
5.3	Post-Closure Plan [§330.63(i)].....	13
5.4	Cost Estimates for Closure and Post Closure [§330.63(j)].....	13
5.4.1	Closure Cost Estimate.....	13
5.4.2	Financial Assurance and Cost Estimate Adjustments.....	16

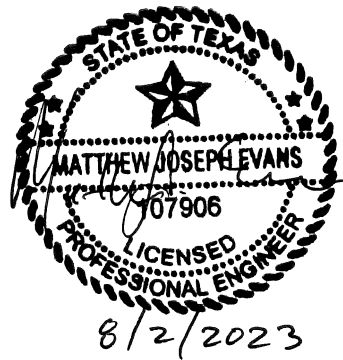
**APPENDIX III-A – GENERAL FACILITY DESIGN DRAWINGS****APPENDIX III-B – SITE DRAINAGE AREAS****APPENDIX III-C – ENDANGERED SPECIES REPORT**



## LIST OF TABLES

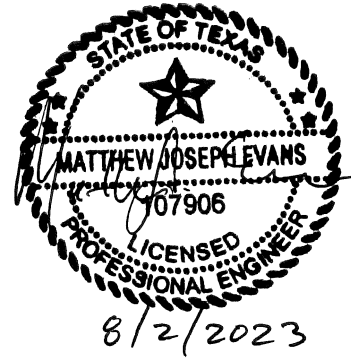
### Page No.

Table III-1. Closure Cost Estimate for Proposed City of Georgetown Transfer Station .....	15
---	----



## LIST OF FIGURES

	<b><u>Page No.</u></b>
Figure III-1: Waste Flow Diagram (Waste Collection Vehicles) .....	4
Figure III-2: Waste Flow Diagram (Residential/Self-Haul) .....	5
Figure III-3: 6-Drum Outdoor Hazmat Storage Building .....	7





## **5.2 Certification of Final Closure**

After the completion of final closure procedures, the owner or operator will submit the certification, signed by an independent licensed professional engineer, verifying that final facility closure has been completed in accordance with the approved closure plan and the applicable provisions of 30 TAC §330 Subchapter K. The certification will include all applicable documentation necessary for certification, and will be provided within 10 days of final closure.

Following receipt of closure documents and inspection report, TCEQ may acknowledge termination of operation and closure, and deem the facility properly closed.

## **5.3 Post-Closure Plan [§330.63(i)]**

All wastes and waste residues will be removed from the transfer station as part of closure and the facility is not subject to the post-closure care requirements in 30 TAC §330.463

## **5.4 Cost Estimates for Closure and Post Closure [§330.63(j)]**

The owner or operator shall submit a cost estimate for closure and post-closure care in accordance with Subchapter L of this chapter (relating to Closure, Post-Closure, and Corrective Action Cost Estimates). For an existing facility, the owner or operator shall also submit a copy of the documentation required to demonstrate financial assurance as specified in Chapter 37, Subchapter R of this title (relating to Financial Assurance for Municipal Solid Waste Facilities). For a new facility, a copy of the required documentation shall be submitted 60 days prior to the initial receipt of waste.

### **5.4.1 Closure Cost Estimate**

Closure cost estimates have been developed for the existing and proposed facility, consistent with TCEQ's Outline for Preparing Closure Cost Estimate for Financial Assurance for Type V Municipal Solid Waste Processing Facility. The estimated cost is \$117,921 in 2021 dollars, as shown in

**Table III-1. Closure Cost Estimate for Proposed City of Georgetown Transfer Station**

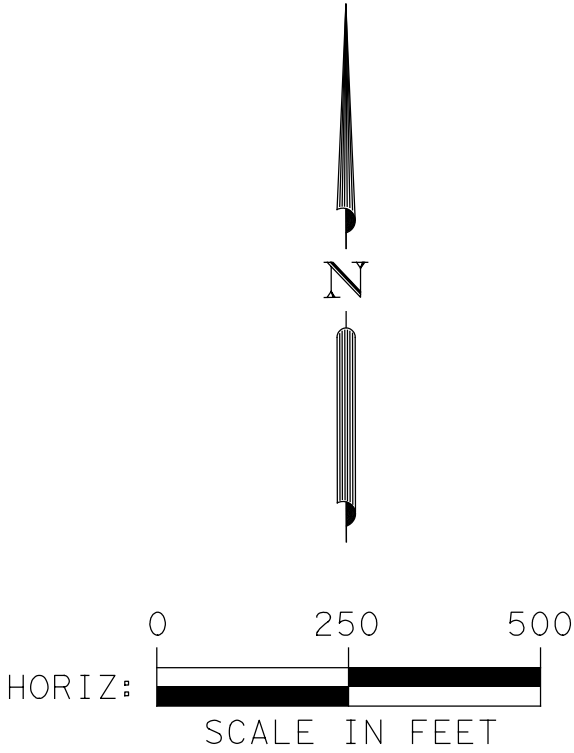
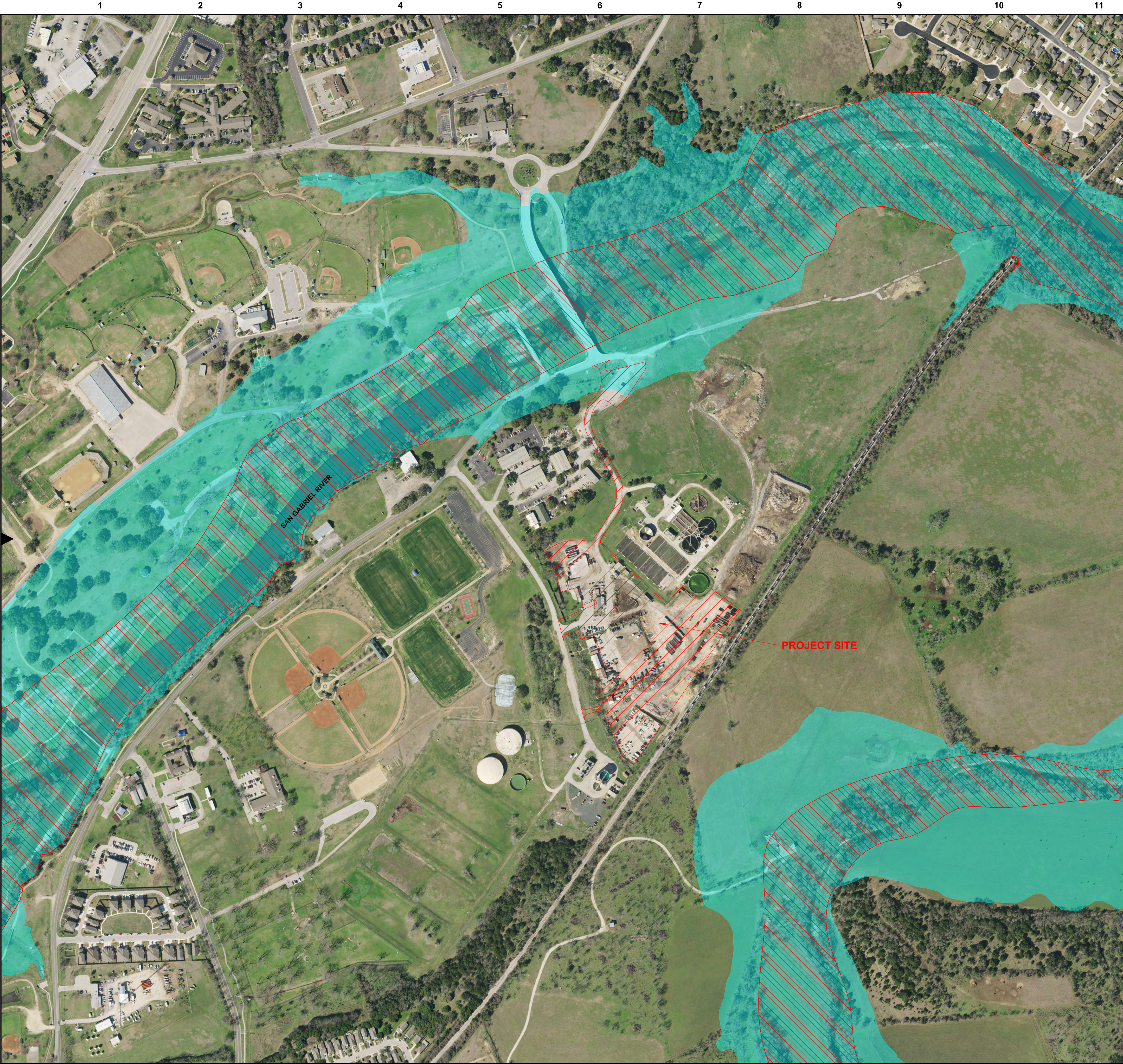
<b>Description</b>	<b>Quantity</b>	<b>Unit</b>	<b>Unit Cost</b>	<b>Total Costs</b>
<b>A. State Administration of Site Closure</b>				
Survey site and review file to determine closure activities	20	hr	\$90	\$1,800
Prepare Engineering plans and bid documents	32	hr	\$95	\$3,040
Procurement of bids	32	hr	\$125	\$4,000
Contract award and administration of contract	15	hr	\$60	\$ 900
<b>B. Partial or Full Dismantling of Process Units, including cleanup and decommission of process equipment/facility</b>				
State Administration	16	hr	\$125	\$2,000
Partial or Full Dismantling of Units	175	hr	\$100	\$17,500
Removal, treatment, and disposal of the waste oil tank and its contents, the citizens' collection station, and decontamination or dismantle/removal of the unit.	1	ea	\$5,000	\$5,000
<b>C. General Cleanup of the Site and Process Units</b>				
MSW and C&D				
Cleanup/removal of waste stored on site	900	tons	\$15	\$13,500
Transport and disposal of waste at a properly authorized facility	900	tons	\$23	\$20,700
General Cleanup to include wash down and disinfection of facility (floors, walls, containment areas, processing areas). To include removal, transport, treatment, and disposal of all wash down waters/media.	40	hr	\$70	\$2,800
Removal, treatment, and disposal of any contaminated soils, concrete, storm water, or other contaminated materials on site.	24	hr	\$100	\$2,400
Vector control procedures				\$500
<b>D. Installation of a sign stating that the facility is closed and securing all buildings and access gates by use of padlocks and/or additional fencing.</b>				
Installation of a sign stating that the facility is closed				
Sign	2	sign	\$500	\$1,000
Installation	8	hr	\$50	\$400
Barriers	3	ea	\$5,000	\$15,000
Securing all buildings and access gates by use of padlocks and/or additional fencing	32	hr	\$125	\$4,000
<b>E. Certification of Abandonment and Completion of Cleanup</b>				
Sampling/testing/classification of waste (ash, liquids, sludge, other waste not readily identifiable as garbage, trash, refuse). To include lab reports, chain of custody, quality assurance and quality control.	1	ea	\$2,000	\$2,000
Perform site inspection and prepare certification of closure.	48	hr	\$125	\$6,000
Subtotal, Items A through E				\$102,540
Contingency Cost (15 percent)			15%	\$15,381
<b>Total</b>				<b>\$117,921</b>



## APPENDIX III-A – GENERAL FACILITY DESIGN DRAWINGS

<u>Drawing</u>	<u>Contents</u>
CG-010	General Site Arrangement
CG-050	Site Standards for Chain-Link Barrier Fence
CG-051	Site Standards for Security Gate System
CG-060	Site Traffic Arrangement
CG-401	Floodway Map
S1-501	Foundation Details for Transfer Station Building
S1-502	Concrete Details for Transfer Station Building
S1-503	Top Load Bay Concrete Details
S4-101	Foundation Plan for Citizen Drop Off
S4-102	Canopy Framing Plan for Citizen Drop Off
S4-201	Framing Elevations for Citizen Drop Off
S4-501	Foundation Details for Citizen Drop Off
S4-502	Framing Details for Citizen Drop Off
A1-101	Overall Ground Floor Plan for Transfer Station
A1-201	Exterior Building Elevations for Transfer Station






no.	date	by	ckd	description
0	11/09/20	KRM		ISSUED FOR PERMIT

LEGEND

Base Flood Elevation

Regulatory Floodway

PRELIMINARY - NOT FOR CONSTRUCTION



8911 N. Capital of Texas Highway  
Suite 3100  
AUSTIN, TEXAS 78759  
(512) 872-7130

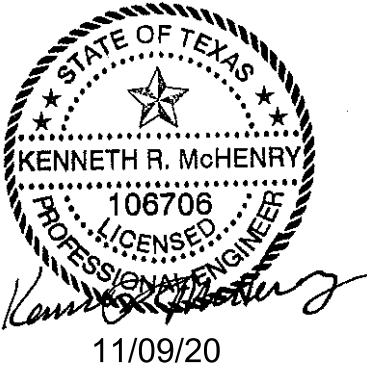
date	04/07/2020	detailed	CAJ
designed	KRM	checked	KRM



CITY OF GEORGETOWN, TEXAS

SOLID WASTE TRANSFER FACILITY  
CIVIL PLANS

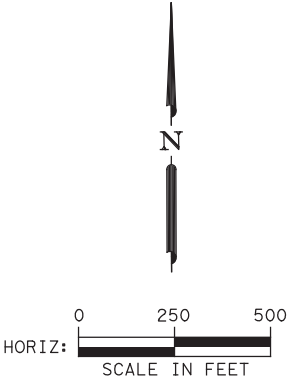
ATTACHMENT A - FLOODWAY MAP	
project	contract
115655	
drawing	rev.
CG-401	0
sheet	of
file	sheets





## **APPENDIX III-B – SITE DRAINAGE AREAS**





LEGEND

- DA 08  
15.38  
DRAINAGE AREA IDENTIFIER  
DRAINAGE AREA ACRES
- ~  
DRAINAGE AREA FLOW
- DRAINAGE AREA BOUNDARY



DATE 4/07/2020  
DESIGNED



GEORGETOWN TRANSFER STATION

EXISTING DRAINAGE AREAS  
DRAWING III.B.1

PROJECT	115655
CONTRACT	0000
SHEET NO.	SHEET TOTAL
	10



## **APPENDIX III-C – ENDANGERED SPECIES REPORT**



September 9, 2020

Eric Johnson  
City of Georgetown  
809 Martin Luther King Jr. Street  
Georgetown, TX 78626

Re: Protected Species Report  
Georgetown Transfer Station Replacement Project  
Georgetown County, Texas

Dear Mr. Johnson:

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## METHODS

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# Site Operating Plan Part IV (30 TAC §330.65)



## City of Georgetown Transfer Station

Part IV Application  
Project No. 115655

Revision 4  
8/1/2023

# **Site Operating Plan Part IV (30 TAC §330.65)**

prepared for

**City of Georgetown Transfer Station  
250 W. L. Walden Drive  
Georgetown, Texas**

**TCEQ MSW PERMIT NUMBER MSW 40331  
TCEQ REGISTRY NUMBER FOR FACILITY – RN101999233  
CITY OF GEORGETOWN TCEQ CUSTOMER – CN600412043**

**Project No. 115655**

**Revision 4  
8/1/2023**

prepared by



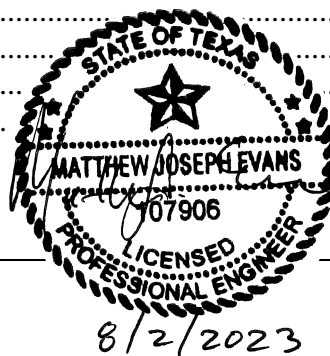
**Burns & McDonnell Engineering Company, Inc.  
Austin, Texas**

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## TABLE OF CONTENTS

	<u>Page No.</u>
<b>1.0 INTRODUCTION .....</b>	<b>1</b>
1.1 Part IV Application Contents [§330.65] .....	1
<b>2.0 PERSONNEL AND SITE MAINTENANCE .....</b>	<b>2</b>
2.1 Transfer Station personnel .....	2
2.2 Equipment .....	2
2.3 Facility Inspection and Maintenance .....	3
2.4 Training Requirements.....	3
<b>3.0 WASTE ACCEPTANCE AND ANALYSIS [§330.203].....</b>	<b>6</b>
3.1 Authorized Wastes .....	6
3.2 Receipt of Industrial Waste.....	7
3.3 Receipt of Special Waste .....	7
3.4 Prohibited Wastes .....	7
3.5 Measures for Controlling Prohibited Wastes .....	8
3.6 Facility-Generated Wastes [§330.205] .....	10
3.7 End Product Testing for Composting Products .....	10
<b>4.0 CONTAMINATED WATER MANAGEMENT [§330.207] .....</b>	<b>11</b>
4.1 Contaminated Water Management Plan .....	11
<b>5.0 STORAGE REQUIREMENTS .....</b>	<b>12</b>
5.1 Solid Waste Storage [§330.209] .....	12
5.2 Approved Containers [§330.211].....	12
5.3 Citizen's Collection Stations [§330.213].....	12
<b>6.0 RECORDKEEPING AND REPORTING REQUIREMENTS [§330.219].....</b>	<b>14</b>
6.1 Documents and Records to be Maintained .....	14
6.2 Maintenance of Training Records and Required Licenses .....	15
6.3 Report Signatures.....	16
<b>7.0 FIRE PROTECTION.....</b>	<b>17</b>
7.1 Introduction.....	17
7.2 Fire Protection Plan.....	17
7.3 Procedures in the Event of a Fire .....	17
7.4 Fire Fighting Methods.....	18
7.5 Water Supply .....	18
7.6 Fire Equipment.....	18
7.7 Fire Protection Training.....	18
7.8 TCEQ Notification.....	18



<b>8.0</b>	<b>ACCESS CONTROL [§330.223]</b>	<b>20</b>
8.1	Facility Security	20
8.2	Vehicle Access	20
<b>9.0</b>	<b>UNLOADNG OF WASTE [§330.225]</b>	<b>22</b>
9.1	Unloading of Waste	22
9.2	Spill Prevention and Control [§330.227]	23
<b>10.0</b>	<b>FACILITY OPERATING HOURS [§330.229]</b>	<b>24</b>
<b>11.0</b>	<b>FACILITY SIGN [§330.231]</b>	<b>25</b>
<b>12.0</b>	<b>LITTER CONTROL MEASURES</b>	<b>26</b>
12.1	Control of Windblown Material and Litter [§330.233]	26
12.2	Materials along the Route to the Facility [§330.235]	26
12.3	Facility Access Roads [§330.237]	26
12.4	Noise Pollution and Visual Screening [§330.239]	27
12.5	Overloading and Breakdown [§330.241]	27
12.6	Backup Provision	28
<b>13.0</b>	<b>SANITATION [§330.243]</b>	<b>29</b>
<b>14.0</b>	<b>VENTILATION AND AIR POLLUTION CONTROL [§330.245]</b>	<b>30</b>
<b>15.0</b>	<b>HEALTH AND SAFETY [§330.247]</b>	<b>32</b>
15.1	Employee Sanitation Facilities [§330.249]	32
15.2	Receipt of Large Items	32
15.3	Disease Vector Control	32
15.4	Salvaging and Scavenging	32
15.5	Visual Screening of Waste	32

#### APPENDIX IV-A – SITE LAYOUT DRAWINGS

#### APPENDIX IV-B – INSPECTION FORMS





## LIST OF TABLES

	<b><u>Page No.</u></b>
Table 1: Personnel Types and Descriptions .....	2
Table 2: Facility Inspection and Maintenance List .....	3
Table 3: Operating Record .....	15
Table 4: Schedule for notification and repair or perimeter access control breaches .....	21



## 2.0 PERSONNEL AND SITE MAINTENANCE

### 2.1 Transfer Station personnel

Table 1 summarizes personnel types and descriptions who will conduct operations at the proposed transfer station facility.

**Table 1: Personnel Types and Descriptions**

Position	Number	Training	Responsibilities
Lead Operator/ Facility Supervisor	1	Must hold and maintain MSW Supervisor Occupational license Grade A or Grade B	Managing daily work operations; equipment maintenance and repair; personnel safety.
Waste Unloading Attendant	1	6 months minimum experience in operations or on the job training by supervisor or by manager in SOP requirements for prohibited waste	Responsible for screening for prohibited or unauthorized waste.
Gate Attendant	1	Training by supervisor or manager in the SOP, record keeping requirements, and waste screening	Levies fees on customers, operates the scale, keeps appropriate records, controls facility access, screens for unauthorized waste, and provides general customer direction and information.
Garden Center Attendant	1	Training by supervisor or manager in the SOP	Distribute finished compost and mulch to public
Citizen Drop Off Attendant	1	Training by supervisor or manager in the SOP, and waste screening	Responsible for screening that materials are properly sorted and public safety
Equipment Operators	1 – 3	Training or on the job experience specific to heavy equipment operation. Training by supervisor or manager in the SOP, and waste screening	Responsible for safe operation of equipment related to citizen drop off, roll off maneuvering, and compost facility
Laborers	1 - 3	Training by supervisor or manager in the SOP	Site support, including litter management, odors, etc.

More detailed job descriptions along with written descriptions of the type and amount of introductory and continued training provided to each employee will be maintained in the facility operating record.

### 2.2 Equipment

Typical operation of the transfer station will use loaders (or similar materials handling equipment) for transfer operations to convey materials from the transfer station tipping floor into the transfer trailers.



standards required by the TCEQ. The manager/supervisor will be experienced and will maintain a Class A or B license as defined in §330.210. The manager/supervisor will ensure that all personnel are properly trained and are operating the transfer station in accordance with this SOP and operational standards required by the permit/registration and the TCEQ municipal solid waste regulations.

The personnel training program will be directed by a person trained in waste management procedures, and will include instruction that teaches facility personnel waste management procedures and contingency plan implementation relevant to the positions in which they are employed.

New employees will receive a comprehensive overview of all aspects of transfer station operations, focusing on information that is necessary to protect the health and welfare of the new employee and enable them to perform their duties in accordance with this SOP and operational standards required by the permit/registration and the TCEQ municipal solid waste regulations. Initial training subject matter will include applicable requirements found in the SDP, attachments to the SDP, the SOP and other plans such as the Spill Prevention Control and Countermeasure Plan, the Stormwater Pollution Prevention Plan and general safety procedures. Following the initial training, the new employee training will continue during monthly training sessions, during the on-the-job training, and during the annual review of their initial training.

Training meetings will be scheduled and conducted for all employees at least once per month. If a regular monthly meeting is cancelled, it will be rescheduled or combined with the scheduled training the next month. Training sessions will be scheduled to allow facility operations to be uninterrupted. Records of personnel attending each training session and the topics covered will be maintained at the facility. Topics for training may vary, but will be conducted annually for the following:

- Safety
- Fire protection, prevention, and evacuation
- Fire extinguisher use
- Emergency response
- Litter control and windblown waste pick-up
- Hazardous waste and PCB waste detection and control (waste screening), if applicable
- Prohibited waste management
- Random inspection procedures

### **3.0 WASTE ACCEPTANCE AND ANALYSIS [§330.203]**

#### **3.1 Authorized Wastes**

The transfer station may receive residential, commercial, construction or demolition and Class 2 and Class 3 industrial non-hazardous municipal solid waste. No industrial hazardous wastes or Class 1 industrial waste will be accepted at the facility. No separate special wastes other than used oil will be accepted at the facility. Small quantities of special wastes may inadvertently be received if they are unidentified and included as part of the mixed municipal waste stream. These wastes, if identified, will be separated and will not be accepted. The design and operation of the facility has not been limited by constituents or characteristics in authorized wastes.

Recyclables, including white goods, tires and traditional residential recyclables (e.g. aluminum cans, cardboard, plastic containers, paper, and glass) may be accepted and temporarily stored on-site in the transfer building or residential drop-off area in roll off containers. When sufficient quantities are accumulated the recyclables will be transported off-site to an authorized facility for recycling. Tires accepted for recycling shall be managed in accordance with applicable requirements prescribed in 30 TAC Chapter 328, Subchapter F.

Currently, no composting is completed onsite. Yard waste is collected onsite, hauled off-site for composting at a TCEQ approved facility, and finished compost is hauled back to the site and stockpile for distribution to public and commercial customers. Composting may be performed onsite as approved by permit in the future.

The City of Georgetown Transfer Station will primarily receive waste from the City of Georgetown but may receive wastes from outside City limits. Based on the type of wastes currently received at the transfer station and expected to be received, there are no constituents or characteristics that would be a limiting parameter that would impact or influence the design and operation of the facility.

A maximum of 1,080 tons per day of waste will be received at the site for subsequent transfer and disposal at an appropriate facility. Less than 5 percent, by weight, of this waste is composed of Class 2 or Class 3 industrial waste. The remainder is municipal solid waste. The maximum amount of waste to be stored at any point in time is 900 tons. The maximum and average lengths of time that solid waste will remain at the facility are 3 days and 1 day or less, respectively. Solid waste will not be stored overnight at the facility except for extenuating emergency situations such as inclement weather or mechanical breakdown.