

**PART II
APPENDIX IIF
TEXAS HISTORICAL COMMISSION (THC)
DOCUMENTATION**

APPENDIX IIF-1

ARCHAEOLOGICAL AND HISTORIC REVIEW REQUEST LETTER



May 15, 2020

Project No. 189426901

Mark Wolfe, State Historic Preservation Officer

Texas Historical Commission
108 W. 16th Street
Austin, TX 78701

**RE: ARCHAEOLOGICAL AND HISTORIC RECORD REVIEW FOR THE HAWTHORN PARK PERMIT
AMMENDMENT IN HARRIS COUNTY, TEXAS**

Dear Mr. Wolfe

Pursuant to Section 106 of the National Historic Preservation Act (54 USC 306108), the applicant, Golder Associates Inc. (Golder) on behalf of USA Waste of Texas Landfills, Inc (USA Waste) is requesting Texas Historical Commission (THC) comment on an archeological and historical records review associated with the Hawthorn Park Landfill Expansion Project (Project). The Project is located on an approximate 253-acre tract, north of Tanner Road, west of Gessner Road, and east of the Sam Houston Parkway in Houston, Harris County, Texas (Please refer to the attached maps in the Archaeological and Historic Records Review Report). This report is being submitted for compliance with applicable TCEQ Municipal Solid Waste Permitting requirements per Texas Historical Commission Review –30 TAC §330.61(o).

USA Waste is proposing expansion of the existing Hawthorn Park Landfill currently permitted as Texas Commission on Environmental Quality (TCEQ) Municipal Solid Waste (MSW) Permit No. 2185. The Project's expansion includes increasing the permitted area for landfill development to approximately 211 acres by including additional adjacent properties and previously abandoned road rights-of-ways (ROWs). Approximately 96% of the proposed permit area has been previously developed as part of ongoing landfill operations, recycling areas, access roads, and drainage features.

The expansion will also include completion of a detention basin located adjacent and east of the property. The detention pond will encompass approximately 45 acres and was approved by the City of Houston and Harris County Flood Control District in 1995. Construction of this detention pond has continued as part of ongoing landfill construction and operations.

A review of the Texas Historical Atlas indicates that no known cultural resources are located within the proposed area of potential effect. Given the degree of past land disturbance it is recommended that a Phase I cultural resource survey is not necessary.

Enclosed is a copy of the Phase IA cultural resource report and supporting documentation. If you require further information, please contact me at 920-370-4966 or ctinti@golder.com.

Golder Associates Inc.

T: +1 920 491-2500 +1 920 491-2510

Sincerely,

Golder Associates Inc.

A handwritten signature in black ink, appearing to read 'Chris Tinti', with a stylized flourish at the end.

Chris Tinti, M.A. RPA
Staff Cultural Resource Scientist

APPENDIX IIF-2

ARCHAEOLOGICAL AND HISTORIC RECORD REVIEW

April 2020

Project No. 189426901

Charles A. Rivette, PE, Director of Planning & Project Development

USA Waste of Texas Landfills, Inc.
24275 Katy Freeway
Suite 450
Katy, Texas 77494

ARCHAEOLOGICAL AND HISTORIC RECORD REVIEW FOR THE HAWTHORN PARK PERMIT AMMENDMENT IN HARRIS COUNTY, TEXAS

Dear Mr. Rivette:

1.0 INTRODUCTION

Golder Associates Inc. (Golder) performed an Archaeological and Historic Record Review on behalf of USA Waste of Texas Landfills, Inc. (USA Waste) for the Hawthorn Park Landfill Expansion Project (Project). The Project is located on an approximate 253-acre tract, north of Tanner Road, west of Gessner Road, and east of the Sam Houston Parkway in Houston, Harris County, Texas (Figure 1).

USA Waste proposes to expand the existing Hawthorn Park Landfill (currently permitted as Texas Commission on Environmental Quality (TCEQ) Municipal Solid Waste (MSW) Permit No. 2185). The Project expansion includes increasing the permitted area for landfill development to approximately 211 acres by including additional adjacent properties and previously abandoned road rights-of-ways (ROWs). Approximately 96 percent of the proposed permit area has been previously developed as part of ongoing landfill operations, recycling areas, access roads, and drainage features.

The expansion will also include completion of a detention basin located adjacent and east of the property. The detention pond will encompass approximately 45 acres and was approved by the City of Houston and Harris County Flood Control District in 1995. Construction of this detention pond has continued as part of ongoing landfill construction and operations.

This review was performed at the request of USA Waste to assist in future site planning and comply with applicable TCEQ Municipal Solid Waste Permitting requirements per Texas Historical Commission Review –30 TAC §330.61(o).

2.0 AREA OF POTENTIAL EFFECT

The direct Area of Potential Effect (APE) of the proposed Project consists of an irregular shaped polygon that encompasses approximately 253 acres. The built environment of the direct APE is composed of industrial development, retention ponds, commercial buildings, and has been previously stripped of topsoil and re-contoured (Photographs 1-8). The indirect APE consists of a one-mile radius centered on the direct APE. The indirect APE is

composed of Sam Houston Parkway, Highway 290, commercial and residential developments, wooded lots, transmission lines, and industrial facilities (Figure 2).

3.0 BACKGROUND REVIEW

Golder performed a background literature review to determine if the Project area had been previously surveyed for cultural resources or if any known cultural resources were located within the Project area. To conduct this review, a Golder archaeologist examined the Hedwig Village, Texas United States Geological Survey (USGS) 1:24,000 scale quadrangle maps in the Texas Archaeological Sites Atlas (Atlas) database on December 9, 2019. The review examined the site centroids, site boundaries, site areas, archaeological project (line), archaeological projects (areas), shipwrecks, marine projects, historical marker, neighborhood survey, national register property, national register district, national register district address restricted, and cemetery layers within the Atlas database.

Aerial images, the National Register of Historic Places (NRHP) database, Bureau of Economic Geology maps, historical USGS topographic maps, and the Natural Resources Conservation Service Web Soil Survey were also examined. These sources provided information on the nature and location of previously conducted archaeological surveys, previously recorded cultural resource sites, and the potential for undocumented cultural resources within the proposed Project area.

4.0 RESULTS

The background literature review indicates that no previous cultural resource investigations have occurred within the direct APE and four investigations have occurred within the one-mile indirect APE. These investigations date from 2007 to 2012 and tend to be associated with transportation and commercial developments (Table 1). None of the investigations have occurred within the direct APE. The review further indicates that no known cultural resources are located within the direct or indirect APE.

Table 1: Previous Cultural Resource Investigations within a One-Mile Radius of the Project Area

Atlas No.	Project Type	Year Conducted and Survey Company	Cultural Findings	Acreage
8500014932	Archival Research	2008 – THC Archaeology Division	None	39.5
8500015029	Transportation	2007 – LGG	None	Unknown
8500015372	Commercial Development	2008 – Brown and Caldwell	None	9
8500025285	Transportation	2012 – HNTB Corporation	None	Unknown

5.0 RECOMMENDATIONS

Based on the information in this Archaeological and Historic Records Review, Golder recommends that no known cultural resources will be impacted by the Project. The entire project area is disturbed by industrial development and construction of transportation corridors and detention ponds. Therefore, a Phase I cultural resource investigation is not recommended. Given no known cultural resources are located within the one-mile indirect APE, the project will have no adverse effect.

6.0 CLOSING

Golder is pleased to complete this Archaeological and Historic Records Review for USA Waste of Texas Landfills, Inc. Please feel free to contact the undersigned at 920-370-4966 if you have any questions about this review.

Sincerely,

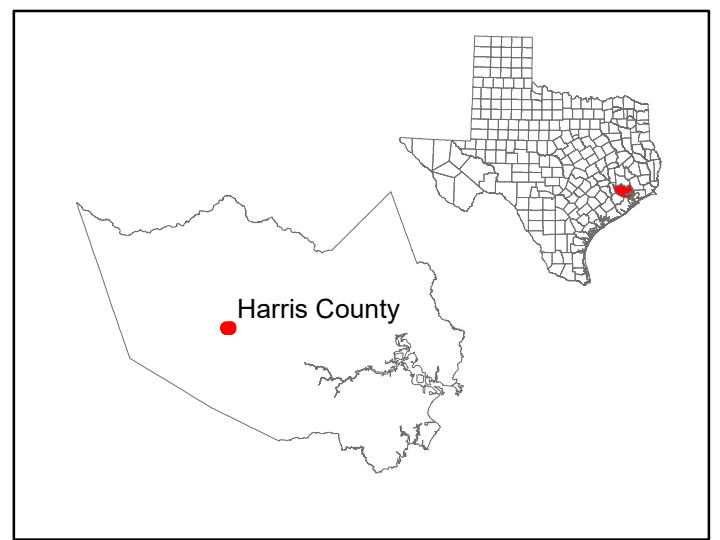
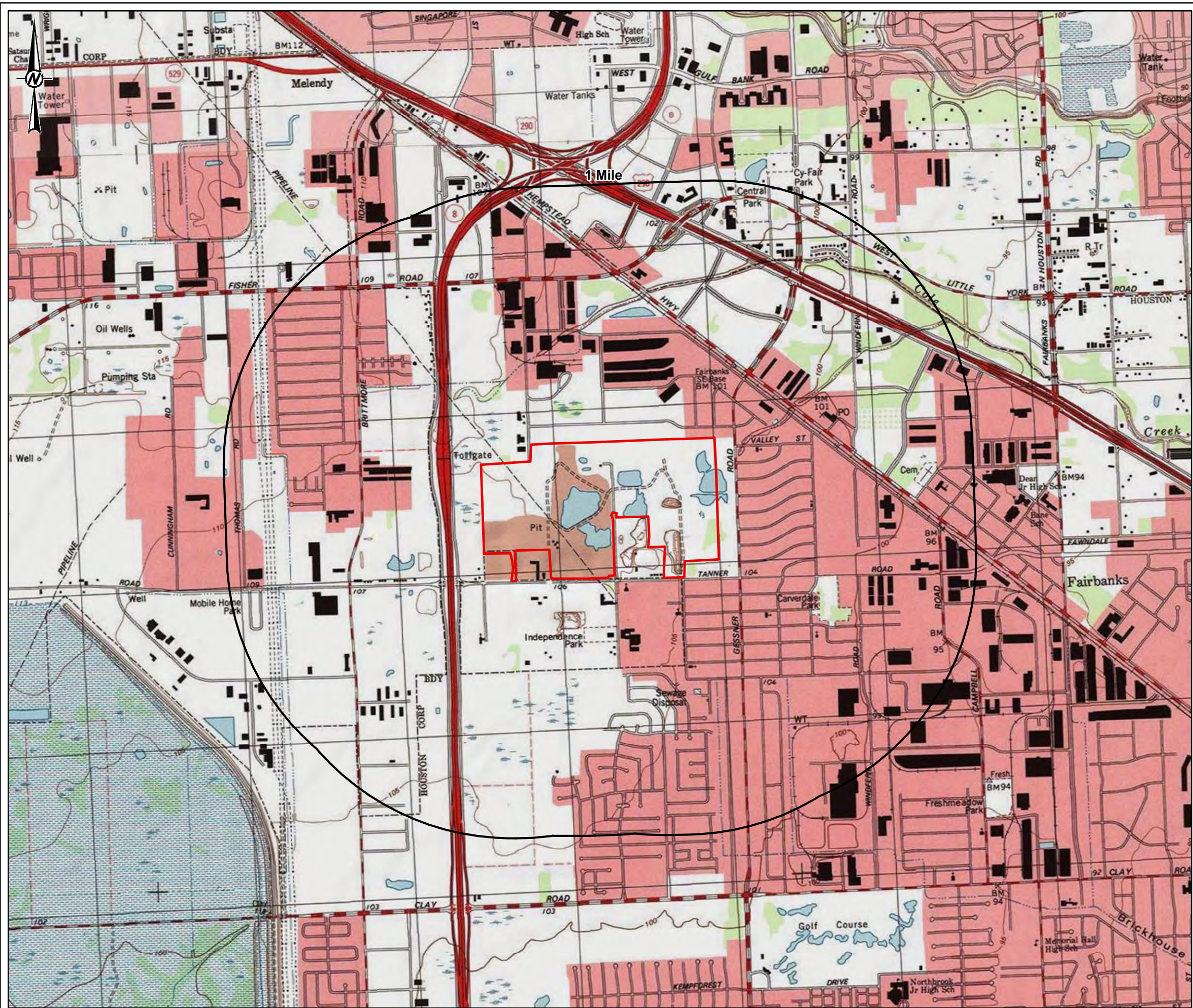
Golder Associates Inc.



Chris Tinti, M.A. RPA
Staff Cultural Resource Scientist

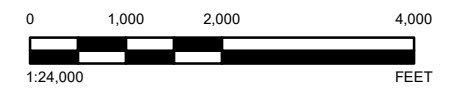
Attachments: Figure 1: Topographic Map of Site Location
Figure 2: Aerial Map of Site Location
Photographs of Project Area

Figures



LEGEND

- PROJECT AREA (DIRECT APE)
- 1-MILE BUFFER (INDIRECT APE)



REFERENCE(S)

1. PROJECT AREA, GOLDBER ASSOCIATES, INC., 2020.
2. SERVICE LAYER CREDITS: COPYRIGHT © 2013 NATIONAL GEOGRAPHIC SOCIETY, I-CUBED

COORDINATE SYSTEM: NAD 1983 STATEPLANE TEXAS SOUTH CENTRAL FIPS 4204 FEET
 PROJECTION: LAMBERT CONFORMAL CONIC
 DATUM: NORTH AMERICAN 1983

CLIENT
 USA WASTE OF TEXAS LANDFILLS, INC.

PROJECT
 HAWTHORN PARK LANDFILL EXPANSION

TITLE
CULTURAL RESOURCE REVIEW
1:24,000 USGS TOPOGRAPHIC MAP

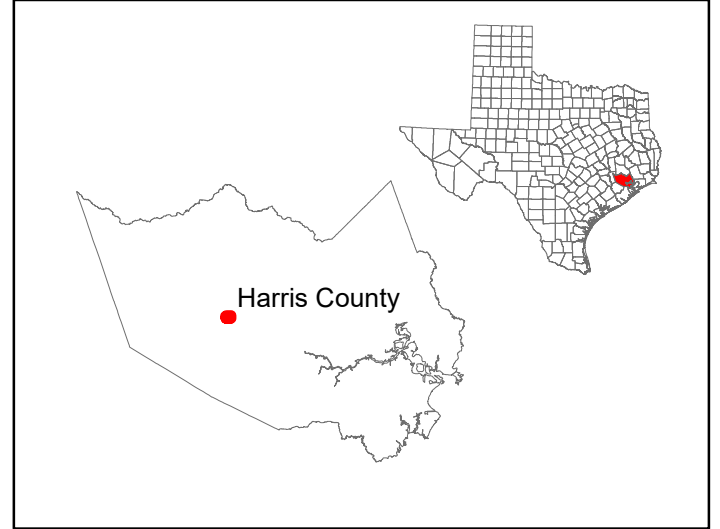
CONSULTANT	DATE	REVISION
YYYY-MM-DD	2020-03-19	
DESIGNED	GFD	
PREPARED	GFD	
REVIEWED	CT	
APPROVED	JMT	



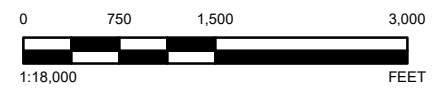
PROJECT NO. 189426901 CONTROL A004 REV. 0 FIGURE 1

R:\T\G\Projects\Waste_Management_of_UsaWaste\Hawthorn_Park_Landfill\09_PROJECTS\189426901_HawthornPark_AgencyConsultation\A_AgencyConsultation\03_PRODUCTION\03_PRODUCTION\189426901_WM_TX_Hawthorn_Landfill\189426901_A004_Cultural_Topos.mxd

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM ANSIS



LEGEND
 [Red Outline] PROJECT AREA (DIRECT APE)
 [Black Circle] 1-MILE BUFFER (INDIRECT APE)



REFERENCE(S)
 1. PROJECT AREA, GOLDBER ASSOCIATES, INC., 2020.
 2. SERVICE LAYER CREDITS: SOURCE: ESRI, DIGITALGLOBE, GEOEYE, EARTHSTAR GEOGRAPHICS, CNES/AIRBUS DS, USDA, USGS, AEROGRIID, IGN, AND THE GIS USER COMMUNITY

COORDINATE SYSTEM: NAD 1983 STATEPLANE TEXAS SOUTH CENTRAL FIPS 4204 FEET
 PROJECTION: LAMBERT CONFORMAL CONIC
 DATUM: NORTH AMERICAN 1983

CLIENT
 USA WASTE OF TEXAS LANDFILLS, INC.

PROJECT
 HAWTHORN PARK LANDFILL EXPANSION

TITLE
 CULTURAL RESOURCE REVIEW
 AERIAL MAP

CONSULTANT	YYYY-MM-DD	2020-03-19
DESIGNED	GFD	
PREPARED	GFD	
REVIEWED	CT	
APPROVED	JMT	

PROJECT NO. 189426901 CONTROL A005 REV. 0 FIGURE 2

PATH: G:\Projects\Waste_Management_of_Usa\Hawthorn_Park_Landfill\08_PROJECTS\189426901_HawthornPark_Agency_Consultation\A_Agency_Consultation\03_PRODUCTION\MOI\189426901_MM_TX_Hawthorn_Landfill\189426901_A005_Cultural_Aerial.mxd

IF THIS MEASUREMENT DOES NOT MATCH, WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

Photographs

Project Title: Archaeological and Historic Record Review for the Hawthorn Park Permit Amendment in Harris County, Texas

PHOTO 1

Overview of project area near Tanner Road, view to the south (note the invasive vegetation indicative of past disturbance)



PHOTO 2

Overview of secondary growth vegetation, invasive weeds, and storage piles, view to the north



Project Title: Archaeological and Historic Record Review for the Hawthorn Park Permit Amendment in Harris County, Texas

PHOTO 3

Overview of bermed and ditched drainage, view to the south



PHOTO 4

Additional gravel and sand storage piles, view to the west



Project Title: Archaeological and Historic Record Review for the Hawthorn Park Permit Amendment in Harris County, Texas

PHOTO 5

Example of previous disturbance located throughout the project area, view to the east



PHOTO 6

Detail of additional disturbances and existing facilities, view to the north



Project Title: Phase I Cultural Resource Investigation for a Proposed Veterans Affairs Outpatient Clinic, Bowie County, Texas

PHOTO 7

Overview of access road located in project area, view to the south



PHOTO 8

Example of retention ponds located in the project area, view to the north



**APPENDIX IIF-3
THC CORRESPONDENCE**

Tat, Emily

From: Tinti, Christopher
Sent: Monday, June 1, 2020 9:56 AM
To: Jacob
Subject: Project Review: 202013159 - Hawthorn Park - THC Concurrence



NOTE: This email chain appears to contain email from outside Golder

Good Morning Jake,

The THC set the concurrence letter this morning via email for the Hawthorn Park Permit Amendment project near Houston, TX (Please see below).

Thanks,
-Chris

Christopher Tinti, M.A. RPA
Staff Cultural Resource Scientist

2247 Fox Heights Lane, Suite A, Green Bay, Wisconsin, USA 54304

T: +1 920 491-2500 | **D:** +1 (920) 370-4966 | golder.com

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Please consider the environment before printing this email.

From: noreply@thc.state.tx.us [mailto:noreply@thc.state.tx.us]
Sent: Monday, June 01, 2020 9:52 AM
To: Tinti, Christopher <Christopher_Tinti@golder.com>; reviews@thc.state.tx.us
Subject: Project Review: 202013159

EXTERNAL EMAIL

EXTERNAL EMAIL - We could not verify the authenticity of this message. Please be cautious when clicking on links or opening attachments.



TEXAS HISTORICAL COMMISSION
real places telling real stories

Re: Project Review under Section 106 of the National Historic Preservation Act and/or the Antiquities Code of Texas

THC Tracking #202013159

Hawthorn Park Permit Amendment

Dear Client:

Thank you for your submittal regarding the above-referenced project. This response represents the comments of the Executive Director of the Texas Historical Commission (THC), pursuant to review under the Antiquities Code of Texas.

The review staff led by Bill Martin has completed its review and has made the following determinations based on the information submitted for review:

Archeology Comments

- No historic properties present or affected. However, if buried cultural materials are encountered during construction or disturbance activities, work should cease in the immediate area; work can continue where no cultural materials are present. Please contact the THC's Archeology Division at 512-463-6096 to consult on further actions that may be necessary to protect the cultural remains.
- THC/SHPO concurs with information provided.

We look forward to further consultation with your office and hope to maintain a partnership that will foster effective historic preservation. Thank you for your cooperation in this review process, and for your efforts to preserve the irreplaceable heritage of Texas. If you have any questions concerning our review or if we can be of further assistance, please email the following reviewers: bill.martin@thc.texas.gov

This response has been sent through the electronic THC review and compliance system (eTRAC). Submitting your project via eTRAC eliminates mailing delays and allows you to check the status of the review, receive an electronic response, and generate reports on your submissions. For more information, visit <http://thc.texas.gov/etrac-system>.

Sincerely,

For Mark Wolfe, State Historic Preservation Officer
Executive Director, Texas Historical Commission

Please do not respond to this email.