

OSS_005-048_PA_20170503_Notice of Authorization
Texas Commission on Environmental Quality
Investigation Report

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Customer: Blue Origin Texas, LLC
Customer Number: CN604092627

Regulated Entity Name: WEST TEXAS LAUNCH SITE

Regulated Entity Number: RN104961164

Investigation # 1410796

Investigator: JOSE PINEDA

Conducted: 05/03/2017 -- 05/03/2017

Program(s): ON SITE SEWAGE FACILITY

Investigation Type: Compliance Investigation

Additional ID(s): 055048

Incident Numbers

Site Classification COMMERCIAL

NAIC Code: 336414

SIC Code: 3761

Location: 2 MI E OF HWY 54 APPROX 25 MI N OF
VAN HORN TX

Address: 35961 STATE HWY 54,
VAN HORN, TX , 79855

Local Unit: REGION 06 - EL PASO

Activity Type(s): OSSFNGNOA - OSSF Non-Grant NOA

Principal(s):

Role	Name
RESPONDENT	BLUE ORIGIN TEXAS LLC

Contact(s):

Role	Title	Name	Phone
REGULATED ENTITY CONTACT	SITE OPERATIONS MANAGER	DAVID ROBB	Work (404) 691-5830 Fax (915) 828-3350 Work (253) 437-9300 x. 508 Work (432) 837-2353 Work (253) 437-9300 Cell (432) 207-7700
REGULATED ENTITY MAIL CONTACT	SECRETARY	Robert MILLMAN	

Other Staff Member(s):

Role	Name
QA Reviewer	JON WILLIAMS
Supervisor	KENT WAGGONER

Associated Check List

<u>Checklist Name</u>	<u>Unit Name</u>
OSSF INSTALLATION - STANDARD SYSTEM INVESTIGATION	OSSF

Investigation Comments:

INTRODUCTION

On May 3, 2017, Mr. Jose Pineda, Environmental Investigator with the Texas Commission on Environmental Quality (TCEQ) El Paso Region Office, conducted a Comprehensive Compliance Investigation of the constructed On-Site Sewage Facility (OSSF) to provide wastewater service for a Guard House for the West Texas Launch Site (WTLS) located at 35961 State Highway 54, Van Horn (Culberson County), Texas 79855. The purpose of the onsite investigation was to determine the entity's compliance with minimum standards pertaining to the installation of OSSFs.

On April 19, 2017, Mr. A.G. Hayes, OSSF Installer (OS0021166), contacted the TCEQ El Paso Region Office, to schedule a final inspection of the constructed OSSF located at the WTLS for May 3, 2017.

On May 3, 2017, the investigator arrived at the facility and met with Mr. Hayes, Mr. David Robb, Site Manager for WTLS. An entrance interview was conducted at that time. During the entrance interview, the purpose and objectives of the investigation were explained. Mr. Hayes was informed that the investigation was being conducted to verify compliance with minimum standards pertaining to the installation of OSSFs. During the investigation the investigator verified that the constructed commercial OSSF at WTLS met all minimum standards pertaining to the installation of OSSFs.

CONTACT INFORMATION

Property Owner: Blue Origin Texas, LLC
Responsible Official: Mr. Robert Millman, Secretary
Mailing Address: 35961 State Highway 54, Van Horn, TX 79855
Facility Location: 35961 State Highway 54, Van Horn, TX 79855
Phone: (253) 437-9300 ext: 508
Installer: A.G. Hays, Installer #OS0003660
Site Evaluator: Darrel L. Rhyne, Registered Sanitarian (R.S.), Site Evaluator #OS0021166

GENERAL SYSTEM INFORMATION

The proposed system is designed to accommodate a Guard House for the West Texas Launch Site, a commercial facility located in Van Horn (Culberson County), Texas.
The proposed system shall accommodate one guard house (office building) (with food service per occupant) with water saving devices, which will provide service to 12 employees.
Office Building: 8 gallons per day (gdp) per occupant, with water saving devices
Office Building: 12 occupants X 8 gdp = 96 gdp
Total Flow (Q): 96 gdp; OSSF to be designed for 100 gdp

For Q equal to or less than 250 gdp the minimum septic tank volume must be 750 gallons. The application for the proposed OSSF consist of one 1,094 gallon plastic septic tank (manufactured by Infiltrator)

The site evaluation indicates the soil class at the property of West Texas Launch Site is Class III (Silty Clay Loam) that has a long term application rate (Ra) of 0.20 gallons per absorptive area square feet (SF) per day.
Absorptive Area Required (AAreq): Flow (Q)/Application Rate (Ra)
AAreq = 100 gdp/0.20 gallons per absorptive area SF per day = 500 square feet
The proposed site will be installing Leaching Chambers (with 25% area reduction for use of Leaching Chambers as per 30 TAC 285.33(c)(2)(A)(ii)).
Linear Feet (LF): (.75)AAreq/(w+2)
LF = (.75)(500)/5 feet = 75 linear feet
The proposed OSSF consists of 80 linear feet of leaching line.

BACKGROUND

The application for the proposed commercial OSSF for the guard house at WTLS was received by the TCEQ on March 6, 2017, and was assigned to Mr. Jose Pineda. Upon final review the investigator determined that the application for the proposed OSSF located at 35961 State Highway 54, Van Horn (Culberson County), Texas 79855, which was received on March 6, 2017, complied with applicable state rules pertaining to the installation of OSSFs.

An Authorization to Construct (ATC) letter, dated April 5, 2017, was issued to the applicant based on the review of

the submitted application for the construction of the proposed OSSF to service the Guard House at the WTLS located at 35961 State Highway 54, Van Horn (Culberson County), Texas 79855.

For more information refer to Investigation No. 1401450.

CONCLUSION

A Notice of Approval (NOA) letter, dated June 6, 2017, will be issued to the applicant based on the onsite investigation conducted on May 3, 2017, of the constructed OSSF to service the Guard House for the WTLS, located at 35961 State Highway 54, Van Horn (Culberson County), Texas 79855. The OSSF has met the minimum standards and the installation of the OSSF is approved.

No Violations Associated to this Investigation

Signed 
Environmental Investigator

Date 06/01/17

Signed 
Supervisor

Date 6/1/17

Attachments: (in order of final report submittal)

- Enforcement Action Request (EAR)
- Letter to Facility (specify type) : NOA
- Investigation Report
- Sample Analysis Results
- Manifests
- Notice of Registration

- Maps, Plans, Sketches
 - Photographs
 - Correspondence from the facility
 - Other (specify) :
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Bryan W. Shaw, Ph.D., P.E., *Chairman*
Toby Baker, *Commissioner*
Jon Niermann, *Commissioner*
Richard A. Hyde, P.E., *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution
June 6, 2017

Mr. Robert Millman, Secretary
Blue Origin Texas, LLC
21218 76th Avenue South
Kent, Washington 98032

Re: Authorization to Approval an On-Site Sewage Facility
Located at 35961 State Highway 54, Van Horn, Culberson County, Texas
OSSF Permit Application Number 055048

Dear Mr. Millman:

This serves to notify all persons that the on-site sewage facility owned by the above has satisfied design, construction, and installation requirements of the Texas Commission on Environmental Quality (TCEQ). This TCEQ On-Site Sewage Facility (OSSF) permit is issued for the operation of the above-identified OSSF.

ANY ALTERATIONS, EXTENSIONS, OR REPAIRS TO THE OSSF WILL REQUIRE A NEW PERMIT. The owner must notify this office of the aforementioned changes.

If you have any questions, or if we may be of assistance to you, please contact please contact Mr. Jose Pineda in the El Paso Region Office at (915) 834-4969.

Sincerely,

A handwritten signature in cursive script that reads "Kent Waggoner".

Kent Waggoner, P.G.
Section Manager
El Paso Region Office

KW/jp

cc: David Robb, Project Manager
35961 State Highway 54
Van Horn, Texas 79855