

AIR CP_104046545_CP_20160512_INVESTIGATION 1335031
Texas Commission on Environmental Quality
Investigation Report

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Customer: Generic Incident Principal
Customer Number: CN602295370

Regulated Entity Name: GENERIC INCIDENT ZIP CODE 77584

Regulated Entity Number: RN104046545

Investigation # 1335031

Incident Numbers

233031 233139
233301

Investigator: EDIDIONG OBOT

Site Classification

Conducted: 05/12/2016 -- 05/13/2016

No Industry Code Assigned

Program(s): AIR QUALITY NON PERMITTED

Investigation Type: Compliance Investigation

Location:

Additional ID(s):

Address: ,
, ,

Local Unit: REGION 12 - HOUSTON

Activity Type(s): AIRCOMPL - AIR CMPL - AIR
COMPLAINT INV

Principal(s):

Role	Name
RESPONDENT	GENERIC INCIDENT PRINCIPAL

Contact(s):

Role	Title	Name	Phone
REGULATED	BLUE RIDGE	MR MATT	Office (281) 668-9739
ENTITY	LANDFILL	MONTAGNA	Cell (832) 347-9496
CONTACT	OPERATION'S		Fax (281) 835-6146
	MANAGER		Work (713) 676-7664

Other Staff Member(s):

Role	Name
Supervisor	MICHAEL HUTTO
Investigator	HERMAN ROGERS
QA Reviewer	CESAR BAUTISTA

Associated Check List

Checklist Name

AIR COMPLAINT INVESTIGATION
AIR INVESTIGATION - EQUIPMENT
MONITORING AND SAMPLING revised 06/2013

Unit Name

Shadow Creek Ranch
Shadow Creek Ranch

RECEIVED

AUG 12 2016

TCEQ
CENTRAL FILE ROOM

Investigation Comments:

INTRODUCTION
Introduction

GENERIC INCIDENT ZIP CODE 77584 - PEARLAND

5/12/2016 to 5/13/2016 Inv. # - 1335031

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The TCEQ online complaint forms and Houston phone duty line received 19 complaints May 4, 2016 through May 13, 2016. On May 12, 2016, investigator Ms. Edidiong Obot was assigned these complaints.

The complainants alleged that a strong odor from an unknown source is creating alleged effects on the complainants and the complainants' properties. In most cases, the complainants alleged a rotting garbage/egg and chemical odor, similar to H₂S.

At the time the incidents were received, the weather was mostly clear, with temperatures ranging from 68°F to 76°F, and wind speed variations. This information came from the Weather Underground website (Station KLVJ).

Investigation Narrative

On May 13, 2016, at approximately 4:30 a.m., TCEQ investigators Ms. Edidiong Obot and Mr. Herman Rogers surveyed the Shadow Creek Ranch Subdivision. The surrounding area is mainly residential. The meteorological conditions during the survey were overcast skies with temperature of 74°F and 0-1 miles per hour (mph) in the Southwest (SW) direction. The investigators observed a light honey suckle odor while surveying the area with the windows down. However, the odor immediately dissipated once the investigators stopped in the area the odor was detected. The investigators left the Shadow Creek Ranch Subdivision around 8:50am and traveled north towards Great Valley Subdivision. The surrounding area is mainly residential. The investigators conducted a survey at both the Shadow Creek Ranch Subdivision and the Great Valley Subdivision, no odor was detected. The investigators used the Multi RAE Wireless Portable Six-Gas Monitor and there was no detection of Volatile Organic Compounds (VOCs) in the Shadow Creek Ranch Subdivision and the Great Valley Subdivision. The investigators also used the Anemometer weather instrument in order to accurately measure the wind speed. The winds speeds were 0-1 mph in the SW direction.

The investigators left the Great Valley Subdivision at 9:00 a.m. and proceeded to visit Blue Ridge Landfill. The surrounding area is mainly residential and commercial. The investigators met with the Landfill Operation's Manager, Mr. Matt Montagna of Blue Ridge Landfill to discuss the alleged odor complaints. Mr. Montagna provided a brief process description of the Blue Ridge Landfill. The investigators toured the site with Mr. Montagna. No offensive or significant odors, spills, or leaks were noted. In order to control the odor, the landfill operates a sprinkler system throughout the active portion of the landfill. In addition, the investigators used the Toxic Vapor Analyzer (TVA) 1000B in order to detect any leaks at some of the wells at the facility. There were no leaks detected. This concluded the onsite portion of the investigation. The investigators left the Blue Ridge Landfill at 11:50 a.m. A nuisance condition or source of odor could not be confirmed at the time.

Facility Authorization Narrative

The Blue Ridge Landfill operates under Title V Permit O-01472. The landfill is located approximately 266 feet away from the Shadow Creek Ranch subdivision and approximately 11, 486 feet away from Great Valley Subdivision.

Exit Interview

An exit interview was not conducted since there were no alleged violations, additional issues, or records requested.

In addition, lead investigator, Ms. Obot, contacted the complainants by phone with the results of the investigation on May 17 and 20, 2016. Some complainants mentioned that the odor does not occur on a daily basis. The odor is intermittent and typically occurs at night or early in the morning. The complainants are still concerned about the nature of what they are breathing. The complainants mentioned Blue Ridge Landfill as a potential source of the odor.

GENERAL FACILITY AND PROCESS INFORMATION

Process Description

The area of Zip Code 77584 encompasses residences, businesses, and some industrial facilities.

BACKGROUND

Agreed Orders, Court Orders, and Other Compliance Agreements

Based on review of CCEDS and the regional office files, there were no agreed orders, court orders, or other compliance agreements for the site.

Prior Enforcement Issues

Based on a review of CCEDS and the regional office files, violations were issued by the TCEQ to the alleged source during the past five years. There are no repeat violations.

Complaints

Based on a review of CCEDS during the past five years, there have been multiple complaints received and investigated by the Region 12 Office.

ADDITIONAL INFORMATION

Conclusions, Recommendations, and Current Enforcement Actions

Based on this investigation, no violations are being alleged.

Additional Issues

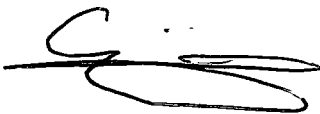
No additional issues were noted during this investigation.

REPORT ATTACHMENTS

1. Area Map and Survey Route Map

No Violations Associated to this Investigation

Signed



Environmental Investigator

Date

7/13/16

Signed



Supervisor

Date

7/13/16

Attachments: (in order of final report submittal)

___ Enforcement Action Request (EAR)

___ Letter to Facility (specify type) : _____

Investigation Report

___ Sample Analysis Results

___ Manifests

___ Notice of Registration

___ Maps, Plans, Sketches

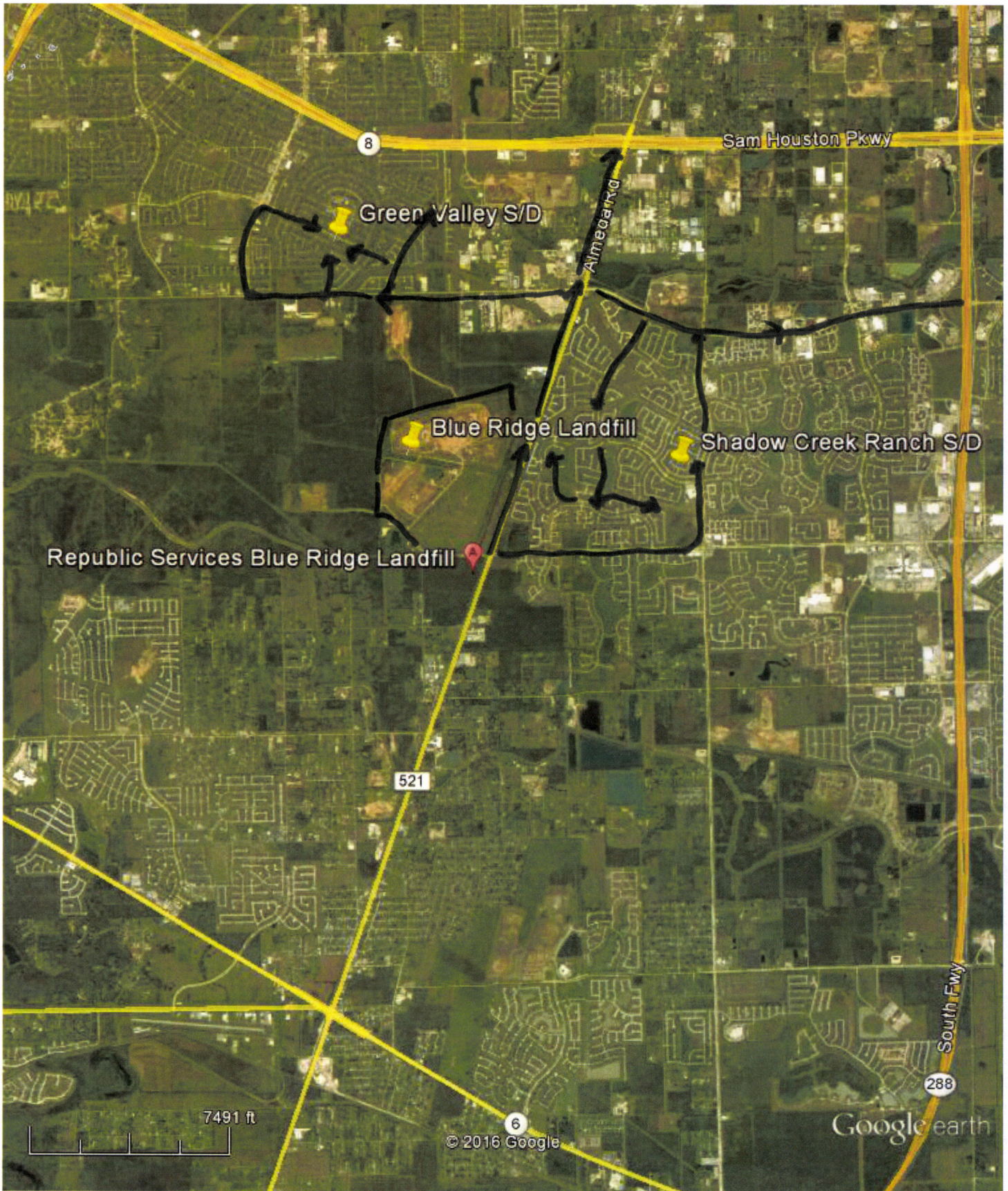
___ Photographs

___ Correspondence from the facility

___ Other (specify) : _____

Investigation # 1335031
Incident(s) # 233031, 233139, 233301
Attachment 1
Pearland Complaints

Area Map



Google earth

miles 3
km

Investigation Type: 5 COMPLAINT

Air Account NO: N/A

Attachment: 1

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