

AIR CP_104046545_CP_20160826_INVESTIGATION_1356114_
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 # 1356114

Incident Numbers

241459

Investigator: NICOLE FOSTER

Site Classification

Conducted: 08/26/2016 -- 08/26/2016

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

Other Staff Member(s):

Role

Name

Investigator

SETH TATE

Investigator

LAUREN RUFF

QA Reviewer

YAYMA MARTINEZ

Supervisor

AMY MESSICK

Associated Check List

Checklist Name

AIR COMPLAINT INVESTIGATION

Unit Name

Generic Zipcode 77584

Investigation Comments:

INTRODUCTION

Introduction

Between August 11, 2016 and August 26, 2016, 11 odor complaints were received via the Texas Commission on Environmental Quality (TCEQ) online complaint form and Houston Region's air section phone duty line. All of the complaints were from residents of the Shadow Creek Ranch Subdivision, Pearland, TX 77584. These

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complaints are part of the ongoing investigation of various odors occurring in the subdivision. See CCEDS Incident #241459 for more details on the complaints filed.

Most complainants alleged a strong garbage or chemical odor occurring in their homes and around the neighborhood early in the morning or during the night. Other odors included rotten eggs and mercaptan. In some instances, complainants stated the odor lasted as long as a couple hours. Some complainants identified, via email, Blue Ridge Landfill (Blue Ridge) and Akzo Nobel Surface Chemistry (Akzo) as possible sources of the odor.

Meteorological conditions during the alleged incidents were as follows: on August 11, 2016, it was approximately 87.5F with an average wind speed of 2 mph WSW; on August 13, 2016, it was approximately 85.9F with wind speeds between 3-4 mph W; on August 14, 2016, it was approximately 80.6F with a wind speed of 3.2 mph SSW; on August 18, 2016, it was 81.9F with a wind speed of 3 mph E; on August 25, 2016, at approximately 8:00 am, it was 79.3F with no wind and between 9-11:45 pm, it was between 79.7F-77.4F with wind speeds between 0-2.2 mph W; on August 26, 2016, at 12:30 am, it was 77.7F with a wind speed of 1.7 mph ESE. This information was provided by Weather Underground using the Shadow Creek Ranch Station (KTXPEARL56).

TCEQ investigator, Ms. Lauren Ruff contacted 4 of the 11 complainants on August 17, 2016 to obtain more information about their complaints. Not all complainants could be reached before the time of the investigation.

Investigation Narrative

On August 26, 2016, at approximately 5:30 am, TCEQ investigators, Ms. Nicole Foster and Mr. Seth Tate, conducted an odor survey in the Shadow Creek Ranch Subdivision, Pearland, TX 77584 (Attachment 1). The surrounding area is largely residential with a landfill directly west and industrial facilities northwest of the community. The meteorological conditions during the survey were overcast skies with a temperature of 76.3°F with 97% humidity and no wind. It rained the night before on August 25, 2016. The meteorological data was provided by Weather Underground using the Shadow Creek Ranch Station (KTXPEARL56).

The survey began at the intersection of FM 2234 and FM 521 continuing on FM 2234 past Akzo about 0.7 miles. No odor was detected in the area. The investigators turned right onto FM 521 slowly passing Blue Ridge, about 2 miles from the FM 2234 and FM 521 intersection. No odor was experienced.

At 5:47 am, the investigators went east on Broadway St. and took left on Windward Bay Dr. to enter the Shadow Creek Ranch Subdivision. The investigators went north on Biscayne Bay Dr. up to the Crystal Cove neighborhood. The investigators drove through Crystal Cove and the adjacent Meadow Trails neighborhood for about 15 minutes with no odor being detected.

At 6:18 am, the investigators travelled south down Biscayne Bay Dr., took a left on Regents Bay Dr. and headed south on Kingsley Dr. to the Briarwood neighborhood. No odor was detected. The investigators then headed west on Trinity Bay Dr. and took a left on Arcadia Bay Dr. to enter the Windy Shores neighborhood. Driving through the Windy Shores neighborhood, no odor was detected.

The investigators went north on Trinity Bay Dr. to the Edgewater neighborhood. In this neighborhood, a light sewage odor was detected on Cambridge Bay Dr. at approximately 6:43 am. Investigators stopped but the odor quickly dissipated and lasted less than a minute. The odor was too brief to complete an odor log. The investigators parked for to see if the odor returned but it didn't. The investigators continued to drive around the neighborhood to see if they could pick the odor back up but the odor was not experienced again. From Edgewater, the investigators travelled south down Trinity Bay Dr. and took a right on Kingsley Dr. to the Emerald Shore neighborhood. No odor was detected here.

The odor area survey concluded at approximately 7:02 am and no more odors were experienced. A nuisance could not be confirmed at the time of the investigation. The investigators left the Shadow Creek Ranch area at 7:15 am.

Facility Authorization Narrative

N/A

Exit Interview

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

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requested.

Additionally, some complainants were contacted by phone on September 8th to inform them of the completion of the investigation. Not all complainants could be contacted at the time.

GENERAL FACILITY AND PROCESS INFORMATION

Process Description

The Shadow Creek Ranch Subdivision in Pearland, TX 77584 is a residential area surrounded by commercial businesses and some industrial facilities.

BACKGROUND

Agreed Orders, Court Orders, and Other Compliance Agreements

N/A

Prior Enforcement Issues

N/A

Complaints

Based on a review of CCEDS during the past five years, hundreds of odors complaints have been received relating to this area, and other TCEQ nuisance odor investigations are being conducted concurrently 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 Nicole Foster
Environmental Investigator

Date 9/29/16

Signed [Signature]
Supervisor

Date 10/7/16

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

X Maps, Plans, Sketches

___ Photographs

___ Correspondence from the facility

___ Other (specify) : _____

Attachment 1

RN #: RN104046545

Regulated Entity Name: Generic Zipcode 77584

Date of Investigation: August 26, 2016

Pages: 3



Investigation Type: CMPL

Air Account NO: _____

Attachment: Attachment 1

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Air Account NO:

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Investigation Type: CMPL

Air Account NO:

Attachment: Attachment 1

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