

AIR CP_104808498_CP_20160916_INVESTIGATION_1363364_
Texas Commission on Environmental Quality
Investigation Report

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Customer: Delta Waste Services L.P.
Customer Number: CN602956625

Regulated Entity Name: LONE STAR RECYCLING & DISPOSAL

Regulated Entity Number: RN104808498

Investigation # 1363364

Incident Numbers

243914

244116

Investigator: SETH TATE

Site Classification

Conducted: 09/16/2016 -- 09/16/2016

NAIC Code: 562212

SIC Code: 4953

SIC Code: 1542

Program(s): AIR QUALITY NON PERMITTED

Investigation Type: Compliance Investigation

Location: APPROX 900 FT S OF BELTWAY 8 S,
APPROX 900 FT W OF FM 521 & E OF FUTURE
HIRAM CLARKE RD CONNECTION TO BELTWAY 8
S

Additional ID(s):

Address: 4107 S SAM HOUSTON PKWY W,
HOUSTON, TX , 77053

Local Unit: REGION 12 - HOUSTON

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

Principal(s):

Role	Name
RESPONDENT	DELTA WASTE SERVICES LP

Contact(s):

Role	Title	Name	Phone
REGULATED ENTITY MAIL CONTACT	LANDFILL MANAGER	MR JEREMY KING	Work (281) 416-2662

Other Staff Member(s):

Role	Name
QA Reviewer	YAYMA MARTINEZ
Supervisor	AMY MESSICK
Investigator	RICHARD BLACKNEY
Investigator	NICOLE FOSTER

INFORMATION COPY

Associated Check List

Checklist Name

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

Unit Name

Sitewide

Sitewide

LONE STAR RECYCLING & DISPOSAL - HOUSTON

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Investigation Comments:

INTRODUCTION

Introduction

On September 16, 2016, September 20, 2016, and September 26, 2016 the TCEQ Houston Region Office (TCEQ) received three (3) complaints, Incident Nos. 243914 & 244116. The complaints were received via email at approximately 12:14 AM, 9:35 AM, and 8:37 AM, respectively. The complainants alleged that there is a toxic smell in the air that is affecting quality of life for the complainant and other residents in the area. Additionally, the complaint received on September 26, 2016, alleged health effects that occurred during the incident on September 15, 2016. Therefore, these two complaints were assigned one incident no. During the incidents the meteorological conditions were as follows: approximately 81.1 and 87.25 degrees Fahrenheit; 75% & 69% relative humidity; and wind direction was East Southeast and South West, respectively. The source for meteorological conditions is Weather Underground Station I.D. KTXPEARL41. On September 16, 2016, the investigators proceeded to the area.

Investigation Narrative

On September 16, 2016, TCEQ Investigators, Mr. Seth Tate & Ms. Nicole Foster, arrived in the area at approximately 2:50 PM. The investigators began conducting an odor survey of the area down wind of the potential source, Lone Star Recycling & Disposal (Lone Star). While conducting the odor survey, the investigators did not detect any odors. The investigators concluded the odor survey at approximately 3:30 P.M. Meteorological conditions during the investigation are as follows: approximately 92.19 degrees Fahrenheit, 56% relative humidity, wind direction was South East. The source for meteorological conditions is Weather Underground Station I.D. KTXPEARL41.

The investigators then proceeded to the potential source, Lone Star. The investigators were joined by Mr. Richard Blackney, Environmental Investigator with the TCEQ's Waste Section. The investigators proceeded on site at approximately 3:50 PM and met with Mr. Jeremy King, Landfill Manager for Lone Star. The investigators proceeded with Mr. King on a walkthrough of the facility. The investigators were taken to the transfer station and the working face of the facility. During the walkthrough of the working face of the landfill, it was noted that it included wood and concrete rubble. No putrescible waste, household waste, or other prohibited wastes were observed. During the walkthrough, it was noted that no odors were detected on-site. According to Mr. Blackney, Lone Star is required to apply six inches of soil to the working face weekly. Additionally, Mr. Seth Tate performed a survey using the Optical Gas Imaging Camera (OGIC) which is capable of detecting volatile organic compound (VOC) emissions that are not visible with the naked eye. During the walkthrough, no emissions were noted. The investigators then proceeded to the main office of Lone Star to review records.

Mr. Tate inquired about any air authorizations the facility is claiming. Mr. King stated that the facility does not claim any air authorizations at this facility, and Mr. Tate confirmed this in the TCEQ's Central Registry. Mr. Blackney proceeded to review information required under 30 Texas Admin. Code Chapter 330 relating to Municipal Solid Waste. This information included the following: cover logs for the previous three months, daily site inspections, and a summary of all wastes received. According to Mr. Blackney, the cover logs indicated that soil had been applied to the working face as required, the floor and tunnel of the transfer station were washed daily, and no unauthorized household or putrescible wastes were deposited at the landfill.

Once Mr. Blackney received all records requested, the investigators thanked Mr. King for his time and promptly left the facility at approximately 4:50 PM.

Facility Authorization Narrative

Since Lone Star is a Type IV landfill, no air authorizations are required for this facility.

Exit Interview

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

In addition, the complainants were contacted by email with the results of the investigation on the following dates: September 21, 2016 at 4:40 PM; September 22, 2016 at 6:50 AM; and September 27, 2016 at 2:05 PM.

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GENERAL FACILITY AND PROCESS INFORMATION

Process Description

Lone Star is a Type IV landfill which is authorized to operate by TCEQ Municipal Solid Waste (MSW) Disposal Permit No. 2344. Lone Star is also a Type V Transfer Station authorized by MSW Processing Permit No. 40249. The landfill is authorized to accept brush, construction and demolition debris, and rubbish. Putrescible waste may not be accepted for disposal at the landfill. The transfer station may accept putrescible and non-putrescible wastes for consolidation into larger vehicles for transfer off site.

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 was one odor complaint received on March 22, 2016 and investigated by the Region 12 Office CCEDS No. 1265975. The complaint was unconfirmed.

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

No Violations Associated to this Investigation

LONE STAR RECYCLING & DISPOSAL - HOUSTON

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Signed 
Environmental Investigator

Date 11/3/16

Signed 
Supervisor

Date 12/8/16

Attachments: (in order of final report submittal)

☐ Enforcement Action Request (EAR)

☒ Letter to Facility (specify type) : GENCOM?

☐ Investigation Report

☐ Sample Analysis Results

☐ Manifests

☐ Notice of Registration

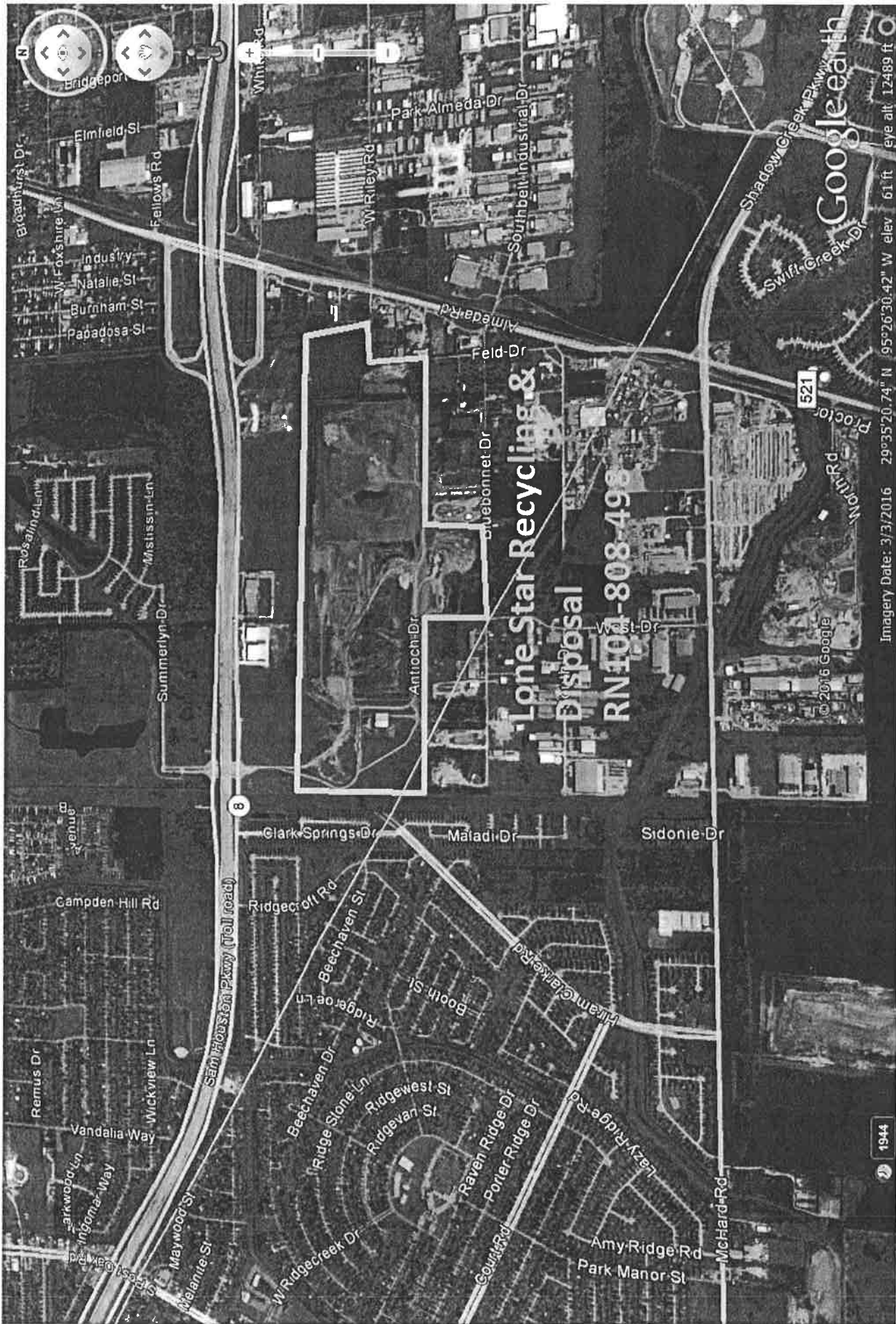
☒ Maps, Plans, Sketches

☐ Photographs

☐ Correspondence from the facility

☐ Other (specify) :

- Attachment 1, Area Map
 - RN104-808-498
- Delta Waste Services, LP
- Lone Star Recycling & Disposal
 - September 16, 2016



Investigation Type: CML
Air Account NO: LV104-808-498
Attachment: 1
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Imagery Date: 3/3/2016 29°35'20.74" N 95°26'30.42" W elev 61 ft eye alt 12489 ft

1944

TCEQ Complaint Report

09/27/2016
2:31:28PM

Incident No: 244116

Media Type: AIR

Start Date: 9/19/2016 **Start Time:** 9:30:00PM

Received Date: 09/16/2016

Method :

Staff Member: STATE

Status: Closed

Status Date: 09/27/2016

Priority: Within 1 Working Day

Regulated Entity: LONE STAR RECYCLING & DISPOSAL

RN104808498

Address: 107 S SAM HOUSTON PKWY W
HOUSTON, HARRIS County, TX 77053

Physical Location: APPROX 900 FT S OF BELTWAY 8 S, APPROX 900 FT W OF FM 521 & E
OF FUTURE HIRAM CLARKE RD CONNECTION TO BELTWAY 8 S

Responsible Party: DELTA WASTE SERVICES LP

Title:

Address: 10415 TANNER RD, HOUSTON, TX 77041
PHONE

Number Complaining: 2

Frequency: INTERMITTENT

Alleged Source: LONE STAR RECYCLING & DISPOSAL

Program Group: AIR QUALITY -
HIGH LEVEL

Nature: ODOR

Effect: HEALTH

Initial Problem

The Complainant is concerned about odors from an unknown source in the area.

Action Taken

This complaint has been assigned and will be further investigated by an Environmental Investigator.

Closure Comments

More information will be available upon approval of the investigation report.

Investigation Number: 1363364

TCEQ Complaint Report

09/22/2016
3:05:11PM

Incident No: 243914

Media Type: AIR

Start Date: 9/15/2016 **Start Time:** 10:30:00PM

Received Date: 09/16/2016

Method : EMAIL

Staff Member: STATE

Status: Closed

Status Date: 09/20/2016

Priority: Within 1 Working Day

Regulated Entity: LONE STAR RECYCLING & DISPOSAL

RN104808498

Address: 4107 S SAM HOUSTON PKWY W
HOUSTON, HARRIS County, TX 77053

Physical Location: APPROX 900 FT S OF BELTWAY 8 S, APPROX 900 FT W OF FM 521 & E
OF FUTURE HIRAM CLARKE RD CONNECTION TO BELTWAY 8 S

Responsible Party: DELTA WASTE SERVICES LP

Title:

Address: 10415 TANNER RD, HOUSTON, TX 77041
PHONE

Number Complaining: 1

Frequency: INTERMITTENT

Alleged Source: LONE STAR RECYCLING & DISPOSAL

Program Group: AIR QUALITY -
HIGH LEVEL

Nature: ODOR

Effect: HEALTH

Initial Problem

The Complainant is concerned about odors from an unknown source in the area.

Action Taken

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Investigation Number: 1363364

TCEQ Complaint Report

09/27/2016
2:31:28PM

Incident No: 244116

Media Type: AIR

Start Date: 9/19/2016 **Start Time:** 9:30:00PM

Received Date: 09/16/2016

Method :

Staff Member: STATE

Status: Closed

Status Date: 09/27/2016

Priority: Within 1 Working Day

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