

#### **Document Control Sheet**

Sheet Title:

Box ID:

Control Sheet ID:

Record Series Name:

Record Series:

Primary ID:

Secondary ID:

Doc Type:

Security:

Date:

Title:

Tertiary ID

AIR CP - AR

7496

0000-0000-0017-7057

OCE / Air Compliance

AIR CP

102610102

Compliance

**Public** 

4/17/2018 12:00AM

Investigation

1483994

### AIR CP\_102610102\_CP\_20180417\_INVESTIGATION\_1483994\_ **Texas Commission on Environmental Quality Investigation Report**

The TCEQ is committed to accessibility. If you need assistance in accessing this document, please contact oce@tceq.texas.gov

Customer: Blue Ridge Landfill TX, LP Customer Number: CN602820599

Regulated Entity Name: BLUE RIDGE LANDFILL

Regulated Entity Number: RN102610102

Investigation #1483994

WILLIAM JORN

**Incident Numbers** 

Site Classification MAJOR SOURCE

Investigator:

Conducted: 04/17/2018 -- 04/17/2018

NAIC Code: 562212

NAIC Code: 486210

**SIC Code:** 4922 **SIC Code: 4953** 

RECEIVE

SIC Code: 1521

Program(s):

AIR OPERATING PERMITS

Location: LOCATED ON 2200 FM 521

Address: 2200 FM 521 RD,

FRESNO, TX, 77545

Investigation Type: Site Assessment

1472

Additional ID(s): FG0536E

Local Unit: REGION 12 - HOUSTON

Activity Type(s):

FIAIRODOR - AIR FIAIRODOR - FOC

MAN SACKALIKATA

. [a.s. s. 1 s. ] x [8 m s]

INV ODOR SURVEY

Principal(s):

Role

Name

RESPONDENT

BLUE RIDGE LANDFILL TX LP

Contact(s):

Role

Title

Name

Phone

REGULATED

**ENVIRONMENTAL** 

MR BURGESS STENGL

Office

(713) 676-7669

**ENTITY** CONTACT

**ENVIRONMENTAL** 

MR CHANCE SEELY

(832) 835-8839

**PARTICIPATED** 

SPECIALIST

MANAGER

Cell

REGULATED

**ENTITY MAIL** CONTACT

DIVISION MANAGER

MR MARK MEADOWS :: Work :: 46, (254) 221-4437

LR MHILLMRCDUR

Other Staff Member(s):

Role

Name

Supervisor

LETASHA MILLER

Investigator OA Reviewer **CAMERON DEWS** HASANAIN ALAMEEN ULL YS RIP

tor C

# BLUE RIDGE LANDFILL - FRESNO

4/17/2018 Inv. # 1483994 min

Page 2 of 4 . Aleral Co. ... C.

#### **Associated Check List**

Checklist Name

**Unit Name** 

AIR FOCUSED INVESTIGATION - ODOR SURVEY AIR INVESTIGATION - EQUIPMENT

Sitewide Sitewide

MONITORING AND SAMPLING revised 06/2013

Investigation Comments:

INTRODUCTION/ INVESTIGATION SUMMARY

Introduction

On April 17, 2018, investigators Mr. William Austin Jorn and Mr. Cameron Dews of the Texas Commission on Environmental Quality (TCEQ) Houston Region Office conducted a focused odor survey investigation (Investigation Typecode FI AIR ODOR) in the city of Pearland, and in Fort Bend, Brazoria, and Harris counties in the west Pearland area. The purpose of this investigation was to conduct odor surveys to determine if odors were present in the area and identify potential sources.

Investigation Narrative

arin pyros dibrery.

The investigation took place on April 17, 2018. The surrounding land use is a mix of residential, industrial, and commercial areas. The terrain is flat with sporadic vegetation. Meteorological conditions at 5:00 a.m. were as follows: Cloud Cover: Clear; Temperature: 58.1° Fahrenheit; Wind Direction: south-southwest (195 degrees); Wind Speed: Approximately 3.8 miles per hour (mph); Precipitation: 0.0 inches; Source of Meteorological Conditions: Manvel Croix Park C84 CAMS Station.

The investigators arrived at FM 2234 (McHard Road) at 5:25 a.m. and surveyed the northeastern side of the Blue Ridge Landfill (See Attachment 1 – Map). Winds were from south-southwest (195 degrees) at approximately 3.8 mph measured using the Manvel Croix Park C84 CAMS Station. The investigators conducted a 15-minute odor survey (See Attachment 2 – Pages 1 and 13). The investigators detected very light to light landfill garbage odors. The investigators left the area at 5:45 a.m.

The investigators arrived at Bluebonnet Drive at 5:53 a.m. and surveyed the northern side of Akzo Nobel Surface Chemistry (See Attachment 1 – Map). Winds were from south-southwest (199 degrees) at approximately 4.2 mph using the Manvel Croix Park C84 CAMS Station. The investigators conducted a 15-minute odor survey (See Attachment 2 – Pages 3 and 15). No odors were detected. The investigators left the area at 6:11 a.m.

The investigators arrived at Miramichi Court at 6:24 a.m. and surveyed the northern side of the Lone Star Disposal and Recycling facility (See Attachment 1 – Map). Winds were from south-southwest (199 degrees) at approximately 4.2 mph using the Manvel Croix Park C84 CAMS Station. The investigators conducted a 15-minute odor survey (See Attachment 2 – Pages 5 and 17). No odors were detected. The investigators left at 6:44 a.m.

The investigators arrived at Reflection Bay Wastewater Treatment Plant at 6:53 a.m. and surveyed the eastern side of the plant (See Attachment 1 – Map). Winds were from south-southwest (203 degrees) at approximately 6.5 mph using the Manvel Croix Park C84 CAMS Station. The investigators conducted a 15-minute odor survey (See Attachment 2 – Pages 7 and 19). No odors were detected. The investigators left the site at 7:11 a.m.

The investigators arrived at West Riley Road at 7:20 a.m. and surveyed the northern side of Syntech Chemicals and Brenntag Southwest (See Attachment 1 – Map). Winds were from south-southwest (203 degrees) at approximately 6.5 mph using the Manvel Croix Park C84 CAMS Station. The investigators conducted a 15-minute odor survey (See Attachment 2 – Pages 9 and 21). No odors were detected. The investigators left at 7:38 a.m.

The investigators arrived at the sewer lift station off Biscayne Bay Drive at 7:55 a.m. and surveyed the northern corner of the lift station (See Attachment 1 – Map). Winds were from the south-southwest (204 degrees) at approximately 11.9 mph using the Manvel Croix Park C84 CAMS Station. The investigators conducted a 15-minute odor survey (See Attachment 2 – Pages 11 and 23). No odors were detected. The odor surveys concluded at 8:10 a.m., and investigators left the area at 8:12 a.m.

Investigators arrived at the Blue Ridge Landfill Facility at 9:15 a.m. The facility representative present during the

#### **BLUE RIDGE LANDFILL - FRESNO**

#### 4/17/2018 Inv. # - 1483994

#### Page 3 of 4

investigation were Mr. Chance Seely, Environmental Specialist and Mr. Burgess Stengl, Environmental Manager. The investigators explained the purpose, scope, and procedures of the investigation. Mr. Seely informed investigators the landfill opened at 4:00 a.m. that morning, erosion control was working, and there had been no operational changes at the landfill. He also informed investigators the vapor odor control system was operating and there had been no outages or upsets to the flares within the past 24 hours. The investigators, accompanied by Mr. Seely and Mr. Stengl, then began a tour of the landfill operations at 9:40 a.m. Mr. Dew utilized the Optical Gas Imaging Camera (OGIC) to survey operations for potential volatile organic compound (VOC) emissions.

The driving tour of the landfill began at the Phase 3 area. The working face of the landfill was active during the tour. The investigators observed garbage being transfer into the working face and covered with dirt. Two portable deodorizers were being utilized next to the working face area. Mr. Dews viewed two gas wells (W3-99 and W3-135) with the OGIC near the working face. No emissions were observed. Investigators did not observe Phase 3 cover integrity compromised in any areas during the driving tour.

The tour ended with viewing the two flares (ground and candlestick), leachate tanks, and leachate collection system with the OGIC. There were no fugitive emissions observed.

The investigators departed the facility at 10:30 am.

Exit Interview

As no violations were alleged an exit interview was not conducted.

GENERAL FACILITY AND PROCESS INFORMATION

Process Description

Blue Ridge Landfill is a municipal solid waste landfill with a landfill gas collection and control system.

BACKGROUND

Agreed Orders Court Orders, and Other Compliance Agreements

Based on a review of CCEDS, regional office files, and the enforcement database, the following Agreed Orders (AO) pertaining to violations of air quality regulations were issued by the TCEQ within the past 5 years:

area" to allet "

the state of the s

and the last attention to

inter and to acquire retter their

or interest of any proof

ADMINORDER 2016-1923-AIR-E Effective Date: 07/12/2017

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 and regional office files, there have been hundreds of odor complaints received from within the survey area and numerous investigations related to odors. At the time of the review, multiple related investigations were being conducted by the Region 12 Office.

ADDITIONAL INFORMATION

Conclusions, Recommendations, and Current Enforcement Actions

One distinct odor was detected throughout the investigation. The Frequency, Intensity, Duration and Offensiveness (FIDO) chart categorizes the landfill garbage odor as offensive. In order to constitute a nuisance, an offensive odor has to last more than four hours with a very strong intensity on a single occurrence. The investigators documented an offensive odor at light intensity for two minutes and very light intensity for 10 minutes.

Segred	
BLUE RIDGE LANDFILL - FRESNO 4/17/2018 Inv. # - 1483994	·
Page 4 of 4	
Additional Issues	
No additional issues were noted during this investigation.	
REPORT ATTACHMENTS	
1. Odor Survey Location Map 2. Investigators' Odor Logs	
No Violations Associated to	this Investigation
Signed M. Austin	Date 7/13/18
Environmental Investigator  Signed Supervisor	Date <u>7/13/</u> /
Attachments: (in order of final report sub	mittal) Maps, Plans, Sketches

\_Letter to Facility (specify type) : \_

\_Sample Analysis Results

\_Notice of Registration

Investigation Report

\_Manifests

\_Photographs

Other (specify):

Correspondence from the facility

## Attachment 1

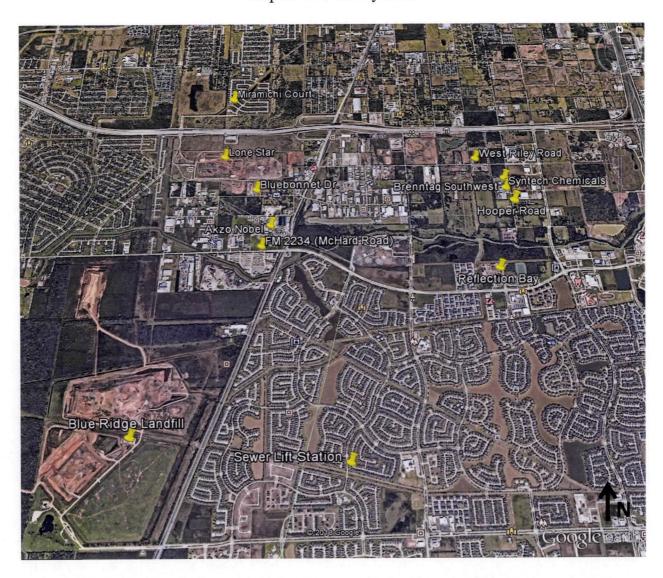
Odor Survey Location Map

Blue Ridge Landfill TX LP CN602820599 Blue Ridge Landfill RN102610102

Investigation No. 1483994 Investigation Date: 4/17/2018

### Odor Survey Area Map

Date: April 17, 2018 Pearland, Brazoria County Map of Odor Survey Area



## Attachment 2

Investigators' Odor Logs

Blue Ridge Landfill TX LP CN602820599 Blue Ridge Landfill RN102610102

Investigation No. 1483994 Investigation Date: 4/17/2018

Investigator: W. Av.	stin Jom	Location: FM 2234	
Date of Investigation:	4/17/18	Start Time: 5:25 am	

Minutes	Odor Intensity VL, L, M, S,VS
1 min	VL
2 .	VL
3	VL
4	VL
5	VL
6	VL
7	L
8	L
9	VL
10	VL
11	no odor
12	No odor
13	VL
14	VL
15	No oder
16	
17	
18	
19	
20	
21	
22	×
23	
24	ε.
25	
26	
27	
28	
29	
30	

Minutes	Oder Interests VII I M S VS
Minutes	Odor Intensity VL, L, M, S, VS
31 min	
32	
33	
34	
35	
36	
37	
38	Gr. Co.
39	
40	
41	
42	
43	
44	
45	
46	
47	
48	
49	
50	
51	
52	
53	
54	
55	
56	Investigation Type: FIAIR ODOR
57	Air Account NO: FG-0536-E
58	Attachment: 2
59	Page: of 24
60	1 Land 1

Odor Description:	Landfill	garba	oe/	naste			
Offensiveness: High		ffensive	/	Unpleasant _	Not Unple	easant	

	VS	S	M	L	VL	No Odor
1 Min	stigation lyp:	Wil:		1		
10 Min	· Old towns			2	8	
1 Hour	" ON WITO W.	in's				

10 Min	· DIA tours		2	8	
1 Hour	" OU WITO Y >	int's			

Investigation Type: FIAIRODOR

Air Account NO: FG-0536-E

Attachment: 2

Page: 2 of 24

Investigator: W. Austin Jorn	Location: Blue horment Dr.
Date of Investigation: 4/17/18	Start Time: 5:55 am

Minutes	Odor Intensity VL, L, M, S,VS
1 min	no odor
2	no odor
	no odor
3	no odor
4	no odor
6	Vo organ
	no der
7	no odor
8	
9	
10	no oder
11	no odor
12	no oder
13	no oder
14	no odor
15	no odor
16	
17	i
18	
19	
20	
21	
22	
23	
24	
25	
26	
27	
28	
29	
30	

Minutes	Odor Intensity VL, L, M, S, VS
31 min	
32	
33	
34	
35	
36	
37	
38	
39	
40	
41	
42	
43	
44	N 10 To 1 To 1
45	
46	1011 1 20000
47	
48	
49	
50	•
51	
52	
53	
54	3 (850)
55	
56	Investigation Type: FIAIR ODOR
57	Air Account NO: FG-0536-E
58	Attachment: 2
59	Page: 3 of 24
60	No.

Odor De	escription:						
Offensiveness: Highly Offensive Unpleasant Not Unpleasant						_	
Weighted	Average Inten	sity:	5				_
	VS	S	M	L	VL	No Odor	
1 Min	37 7: P 17:	CPVM.					
10 Min	14 NIZ 12						
1 Hour		Service .					

Attacharonic — \_\_\_\_\_

i prilation . . an ar with The state of the s

-----

•

,

Investigation Type: FIAIR OPAR
Air Account NO: FG-0536-E
Attachment: 2
Page: 4 of 24

.

re.

•

.

.

\*

Investigator: W. A	ustin Jorn	Location: Miramichi C+	
Date of Investigation:	4/17/18	Start Time: 6:25 am	

	7 *******
Minutes	Odor Intensity VL, L, M, S,VS
1 min	no odor
2	no odor
3	no oder
4	no odor
5	no oder
6	æ¥Ł
7	noodor
8	no odor
9	no odor
10	no odor
11	no odor
12	no oder
13	no odor
14	no odor
15	No odor
16	
17	2
18	
19	, , , , , , , , , , , , , , , , , , , ,
20	
21	4.5.4.4.4
22	
23	
24	
25	
26	
27	
28	yes Ta
29	
30	

32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54		
32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54  55 Investigation Type: FATROLOR 57 Air Account NO: FG-0536-E 58 Attachment: Z 59 Page: 5 of 2 4	Minutes	Odor Intensity VL, L, M, S, VS
33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55	31 min	
34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 Investigation Type: PARRODOR Air Account NO: FG-0536-E 57 58 Attachment: Z 59 Page: 5 of 2 4	32	
35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 Investigation Type: FRIRODOR Air Account NO: FG-0536-E 57 Attachment: Z 59 Page: 5 of 24	33	
36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 Investigation Type: FREQUOR 57 Air Account NO: FG-0536-E 58 Attachment: Z 59 Page: 5 of 24	34	v autoria.
37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 Investigation Type: FREQUER 57 Air Account NO: FG-0536-E 58 Attachment: Z 59 Page: 5 of 24	35	
38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 Investigation Type: FACROOR Air Account NO: FG-0536-E 58 Attachment: Z_ 59 Page: 5 of 24	36	
39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 Investigation Type: FRIROPOR 57 Air Account NO: FG-0536-E 58 Attachment: Z 59 Page: 5 of 24	37	
40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 Investigation Type: FACROPOR Air Account NO: FG-0536-E 58 Attachment: Z 59 Page: 5 of 24	38	- 22
41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 Investigation Type: FACROLOR Air Account NO: FG-0536-E 58 Attachment: Z 59 Page: 5 of 24	39	
42 43 44 45 46 47 48 49 50 51 52 53 54 55 Investigation Type: FTATROPOR Air Account NO: F6-0536-E 58 Attachment: Z 59 Page: 5 of 24	40	,
43 44 45 46 47 48 49 50 51 52 53 54 55 Investigation Type: FACROOOR Air Account NO: FG-0536-E 58 Attachment: Z 59 Page: 5 of 24	41	
44 45 46 47 48 49 50 51 52 53 54 55 Investigation Type: FRICOPOR Air Account NO: FG-0536-E 58 Attachment: Z 59 Page: 5 of 24	42	
45 46 47 48 49 50 51 52 53 54 55 Investigation Type: FREQUER 56 Air Account NO: FG-0536-E 58 Attachment: Z 59 Page: 5 of 24	43	
46 47 48 49 50 51 52 53 54 55 Investigation Type: FACROOOR Air Account NO: FG-0536-E 58 Attachment: Z 59 Page: 5 of 24	44	
47 48 49 50 51 52 53 54 55 Investigation Type: FREQUER 56 Air Account NO: F6-0536-E 58 Attachment: Z 59 Page: 5 of 24	45	
48 49 50 51 52 53 54 55 Investigation Type: FRIRODOR Air Account NO: F6-0536-E 57 Attachment: Z 59 Page: 5 of 24	46	
49 50 51 52 53 54 55 Investigation Type: FREQUER 56 57 Air Account NO: F6-0536-E 58 Attachment: Z 59 Page: 5 of 24	47	
50 51 52 53 54 55 Investigation Type: 1=TATROVOR Air Account NO: 1=6-0536-E 57 Attachment: 2 59 Page: 5 of 24	48	
51 52 53 54 55 Investigation Type: FRERODOR 56 57 Air Account NO: FG-0536-E 58 Attachment: Z 59 Page: 5 of 24	49	
52 53 54 55 Investigation Type: FREQUER 56 Air Account NO: FG-0536-E 57 Attachment: Z 59 Page: 5 of 24	50	
52 53 54 55 Investigation Type: FRERODOR 56 57 Air Account NO: F6-0536-E 58 Attachment: 2 59 Page: 5 of 24	51	
54 55 Investigation Type: FRERODOR 56 Air Account NO: F6-0536-E 58 Attachment: 2 59 Page: 5 of 24	52	
Investigation Type:	53	
56         Investigation Type: FERTRODOR           57         Air Account NO: F6-0536-E           58         Attachment: Z           59         Page: 5 of 24	54	1 11 11/22
Air Account NO: <u>F6-8536-E</u> 57 Attachment: <u>Z</u> 59 Page: 5 of 24	55	Investigation Type: 1-55 TRANS
57 58 Attachment: 2 59 Page: 5 of 24	56	l l
59 Page: 5 of 24	_57	
37	58	
60	59	Page: 5 of 24
	60	

Odor De	escription: _				• •	<del></del>	
Offensiv	veness: High	ly	_Offensive	Unpleasant	Not	Unpleasant	
Weighted	Average Inten	sity:	M	T.	1377	No Odor	

	VS	S	M	L	VL	No Odor
1 Min	entite entite	miles and				
10 Min	a wadin man	gheans:	2.448=1		-	
.1 Hour	ימו מט::	Air Aco				

Page: of it

Investigation Type: FIAT RODOR

Air Account NO: FG-0536-E

Attachment: Z

Page: 6 of 24

Investigator: W.A.	stin Jorn	Location: Reflection Bay WWTP
Date of Investigation:	4/17/18	Start Time: 6:55 am

Minutes	Odor Intensity VL, L, M, S,VS
1 min	no odor
2	no odor
3	no don
4	no oder
5	no oder
6	no odor
7	no oder
8	No odor
9	no odor
10	no odor
11	no odor
12	no oden .
13	no odor
14	no odor
15	no oder
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	
26	
27	
28	
29	
30	

Minutes	Odor Intensity VL, L, M, S, VS
31 min	
32	
33	
34	
35	
36	
37	
38	
39	
40	
41	
42	
43	
44	
45	
46	
47	
48	
49	
50	-
51	
52	
53	
54	
	Y 9
55 56	Investigation Type: FEATRODOR
	Air Account NO: FG-0536-E
_57 	Attachment: 2
58	Page: 7 of 24
59 60	1 wgs1

Odor D	escription:					
Offensiv	veness: High	ly Offer	nsive	Unpleasant	Not Unpl	easant
Weighted	l Average Inten	sity:				
	VS	S	M	L	VL	No Odor
1 Min	attian in Fort	ותענינ				
10 Min	Si Ni Asias san	A -4.4		1		10.00
1 Hour						

Fage: :- ingaP

Investigation Type: FIAIROOR

Air Account NO: FG-0536-E

Attachment: 2

Page: 8 of 24

Investigator: W. Austin Jorn	Location: W Rile, Rd	
Date of Investigation: 4/17/18	Start Time: 7:20 am	

	Maria
Minutes	Odor Intensity VL, L, M, S,VS
1 min	no oder
2	no odon
3	no odor
4	no odor
5	no odor
6	no oder
7	no odor
8	no odor
9	no odor
10	no odor
11	no odor
12	no odor
13	no odor
14	no odar
15	no oder
16	
17	
18	
19	•
20	
21	
22	
23	
24	
25	
26	
27	
28	
29	
30	

Minutes	Odor Intensity VL, L, M, S, VS
31 min	
32	
33	
-34	
35	
36	
37	
38	•
39	
40	•
41	
42	
.43	
44	
45	
46	
47	<u> </u>
48	
49	
50	
51	
52	
_53	×
54	
_55	Investigation Type: FIAIROPOR
56	Air Account NO: <u>F6-0536-E</u>
57	_
58	Attachment
59	Page: 9 of 24
60	

Odor De	escription: _	m. or				-01
Offensiv	eness: Highl	y Offer	nsive	Unpleasant	Not Unple	easant
Weighted	Average Inten	sity:	Dat.	T T	VL	No Odor
1 Min · ·	VS Vy i minight	avsi	M	L	VL	No Odor
74.						

5.05

Investigation of the second of

Investigation Type: FI AIROOK

Air Account NO: F6-0536-E

Attachment: 2

Page: 10 of 24

Investigator: W. Austin Jom	Location:	2573 Biscay	rne Bax	Pr
Date of Investigation: 4/17/18	Start Time:	7:55 am	•	

Minutes	Odor Intensity VL, L, M, S,VS
1 min	no odor
2	No odor
3	no odor
4	no odor
5	no odor
6	no odor
7	no odor
8	no oder
9	no odor
10	no odor
11	no odor
12	no ador
13	na odor
14	no oder
15	no ador
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	·
26	
27	
28	
29	
30	

T	
Minutes	Odor Intensity VL, L, M, S, VS
31 min	
32	
33	
34	
35	
36	
37	
38	
39	
40	
41	
42	
43	
44	
45	
46	х
47	
48	
49	
50	
51 ,	
52	
53	
54	
55	
56	Investigation Type: PIAIR OPOR
57	Air Account NO: FG-0536-E
58	Attachment: 2
59	Page: 11 of 24
60	- The state of the

Odor De	escription: _				1 7 180 048		
Offensiv	eness: Highl	.y	Offensive	Unpleasant _	Not l	Unpleasant	-
Weighted	Average Inten	sity:	M	1.	VL	No Odor	1
1 Min	omi" neitenii	Source!		L		2,0,020	
10 Min		×- 1111					Ì

\_\_\_\_\_ Juerariochik

inghe but and in the term, and a

Investigation Type: FIATRODOR

Air Account NO: FG-6536-E

Attachment: 2

Page: 12 of 24

20 <del>000</del> 00	7	0	· ·	1501 00		•
Investigator: _	Comeron	lews	Location:	IM, 22;	34	
Date of Investig			Start Tim	ie: S128m	•	

Minutes	Odor Intensity VL, L, M, S,VS
1 min	1/4
2	1.1
3	VL
4	VL
5	1/1-
6	11/-
7	11-
8	
9	VI-
10	1/2
11	No adam
12	NO Ochre
13	No VI
14	I VL
15	NO odere
16	
17	
18	
19	
20	
21	
22	
23	
24	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
25	
26	
27	
28	9
29	
30	н

Minutes	Odor Intensity VL, L, M, S, VS
31 min	
32	
33	
34	
35	
36	
37	*
38	
39	
40	
41	
42	
43	
44	ARC 11 10.5 1 10 1
45	
46	
47	
48	
8 12	- N
49	
50	
51	,
52	
53	
54	
55	Investigation Type: FI ALROPOR
56	Air Account NO: FG-0536-E
_57	Attachment: 2
58	
59	Page: 13 of 24
60	

Odor De	escription:	_ 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1		¥		% #
Offensiv	eness: Highl	lyOffensive	unpleasant	Not I	Unpleasant	<b>_</b> ,
Weighted	Average Inten	sity:		1 377	No Odon	<del>-</del> 1

	VS	S	M	L	VL	No Odor
1 Min	ation type:	Investig		i		
10 Min	3 -MA +	and ala		2	8	9
1 Hour		DOLL III	8	Si		

ograd AM ana SNA ober

ar is signifeered

Investigation Type: FIAIR oper
Air Account NO: FG-0536-E

Attachment: 2

Page: 14 of 24

Investigator: Comeron Dens	Location: Alexander She bonnet
THIVESTIGATOR. MINISTOR JEWY	Location. The Location of the Control of the Contro
Date of Investigation: $4-17-1\%$	Start Time: 57.85 am

Minutes	Odor Intensity VL, L, M, S,VS
1 min	ino oders
2	into odne
3	NO Odos
4	no oders
5	no odors
6	no Oders
7	no oder
8	no ochs
9	no orbys
10	no oders
11	no oders
12	no obes
13	ho odes
14	no odes
15	no oders
16	
17	
18	
19	
20	
21	
22	
23	`
24	
25	
26	
27	
28	
29	
30	

~	
Minutes	Odor Intensity VL, L, M, S, VS
31 min	
32	
33	,
34	
35	
36	
37	
38	
39	
40	
41	N YO A WARD AND BOX 15 - 3 3 - 3 3
42	
43	
44	
45	
46	,
47	7 9744 1 997 1 997 1 9 9 9 9 9 9 9 9 9 9 9 9 9
48	
49	,
50	140
51	
52	
_53	
54	,
55	1
56	Investigation Type: FIAIR OPOR
57	Air Account NO: T6-0536-E
58	Attachment: 2
59	Page: 15 of 24
60	

Odor Description:		WHITE W		
Offensiveness: Highly	Offensive	Unpleasant	Not	Unpleasant
Weighted Average Intensity:	M	· T	T <sub>VL</sub>	No Odor
1 Min	TW.		VL	No Odol
Air Ares and Comment and TiA		**************************************		
1 Hour	1035 0000 Nagon 19530 200,00-50-60			,

Page: \_\_\_\_oi\_: L\_\_\_

Investigation Type: FIAIROPOR

Air Account NO: FG-0536-E

Attachment: 2

Page: 16 of 24

Investigator: Cameron Deur	Location: Moranche Cf
Date of Investigation: 4-17-18	Start Time: 6128 cm

Minutes	Odor Intensity VL, L, M, S,VS
1 min	No oder.
2	No Och
3	No ober
4	NO Odere
5	No coore
6	N
7	No odors
8	NO Odors
9	No Ordors
10	NO Odos
11	NO COOKS
12	No book
13	No oders
14	We odors
15	No Oders
16	
17	
18	
19	7.77
20	
21	
22	
23	3
24	
25	
26	
27	
28	
29	10 100
30	

Minutes	Odor Intensity VL, L, M, S, VS
31 min	
32	
33	
34	1000
35	
36	
37	
38	
39	
40	
41	
42	
43	9
44	\$
45	
46	
47	
48	
49	
50	
51	
52	
53	
54	T TOWN 0.37
55	
56	Investigation Type: FIAIKO DOR
57	Air Account NO: FG-0536-E
58	Attachment: Z
59	Page: 17 of 2.4
60	

Odor Des	scription: _	7 10 72				
Offensive	eness: High	ly	Offensive	Unpleasan	ıt Not U	Unpleasant
Weighted A	Average Inten	sity:	<u> </u>	<u> </u>		
10 0 000	VS	S	M	L	VL	No Odor
ı'Min 🚬 🗐	tit necebbis	.∀iji				
10 Min	CHA temposis	ni.t				
				<del></del>		

The second of th

Investigation Type: FIAIRODOR
Air Account NO: FG-0536-E

Attachment: 2

Page: 18 of 24

Investigator: C.Ouch	Location: Restection Bers	0
Date of Investigation: BU-19-18	Start Time: /a: Som	***

Minutes	Odor Intensity VL, L, M, S,VS
1 min	Mo Oders
2	no odors
3	No odors
4	no oders
5	no oders
6	no odocs
7	no odoris
8	no odore
9	no odors
10	no abor
11	no odas
12	no odors
13	no obes
14	no oders
15	no odors
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	¥
26	
27	
28	
29	
30	

Minutes	Odor Intensity VL, L, M, S, VS
31 min	
32	
33	
34	*
35	
36	31.00
37	
38	
39	
40	
41	
42	
43	Y
44	
45	
46	
47	
48	P
49	
50	
51	122
52	4
53	<u>.</u>
54	
55	48
56	Investigation Type: FIAIROWR
57	Air Account NO: FG-6536-E
58	Attachment: Z
59	Page: 19 of 2 4
60	

Odor De	escription: _		29 F S 1238 F S 1245 W20 W				2 2
Offensiv	eness: Highl	ly	Offensive	Unpleasan	t Not I	Unpleasant	_
	Average Inten	sity:					
5 m 1	VS	S	M	L	VL	No Odor	2
1 Min	Signation Type	72°11				8 8 9 2 b 1 9 9	
10 Min	conunt NG:	ni/A					]

\_\_\_\_\_.io, \_\_\_\_\_\_egs<sup>c</sup>;

Investigation Type: <u>FTAIROWR</u>

Air Account NO: <u>FG-6536-E</u>

Attachment: 2

Page: <u>20</u> of <u>24</u>

Investigator: Camuran Deun	0	Location:	Miley Rd
Date of Investigation: 4-17-18	١.	Start Time: 7120	7-1-0

Minutes	Odor Intensity VL, L, M, S,VS
1 min	no oders
14	ne odors
2	no odors
3	no odors
4	
5	no odors
6	
7	no odars
8	no odors
9	ho odors
10	no odos
11	no odoos
12	no odars
13	no odas
14	no odors
15	no oders
16	
17	
18	
19	
20	16
21	
22	8
23	
24	
25	
26	
27	
28	
29	
30	

Minutes	Odor Intensity VL, L, M, S, VS
31 min	
32	
33	
34	
35	,
36	
37	
38	•
39	
40	
41	
42	
43	
44	9
45	
46	
47	
48	
49	
50	
51	
52	-
53	
_54	,
_55	Investigation Type: ELATRAGER
56	Investigation Type: FLATROPOR
57	Air Account NO: FG-0536-E
58	Attachment:
59	Page: 21 of 24
60	

Odor De	escription:						
Offensiv	eness: Highl	у	Offensive	Unpleasant	Not	Unpleasant	
Weighted	Average Inten	sity:					
	VS, .,	S ,	M	L	VL	No Odor	
T	2 2 5 5 6 6 1 17	1 1 4 5 1 1		1			

	VS	S,	M	L	VL	No Odor
1'Min	o de nembra	13411				
10 Min	reness NO:	^ir/	2			
1 Hour		weets A				

1 1754

Investigation Type: FTATROPOR

Air Account NO: FG-6536-E

Attachment: 2

Page: 22 of 24

Investigator: <u>Cameron</u> Dewl	Location: Browne Buy	
Date of Investigation: 4-/7-/8	Start Time: 7/85 and	

Minutes	Odor Intensity VL, L, M, S,VS
1 min	Mo odos
2	no odors
3	no odors
4	no odere
5	no odors
6	no oders
7	no odors
8	no odars
9	no odors
10	no ocors
11	No odors
12	no oders
13	no odong
14	no oders
15	no oders
16	,
17	
18	
19	
20	9
21	
22	
23	
24	
25	
26	
27	
28	
29	3
30	

Minutes 31 min 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 Investigation Type: FIATROPOR 57 Air Account NO: FG-0536-E 58 Attachment: Z_ 59 Page: 23 of 2-4		
32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 Investigation Type: TATROPOR 56 57 Air Account NO: FG-0536-E 58 Attachment: Z 59 Page: Z3 of Z Y	Minutes	Odor Intensity VL, L, M, S, VS
33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 Investigation Type: TATROOOR 57 Air Account NO: FG-0536-E 58 Attachment: Z 59 Page: 23 of 2 4	31 min	
34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 Investigation Type: TATROPOR 57 Air Account NO: FG-0536-E 58 Attachment: Z 59 Page: 23 of 2 4	32	
34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 Investigation Type: TATROPOR 57 Air Account NO: FG-0536-E 58 Attachment: Z 59 Page: 23 of 2 4	33	
35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 Investigation Type: FIATROPOR 57 Air Account NO: FG-053&-E 58 Attachment: Z_ 59 Page: 23 of 2 4		,
36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 Investigation Type: FLATROPOR 57 Air Account NO: FG-0536-E 58 Attachment: Z 59 Page: 23 of 2 4		
37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 Investigation Type: AROOR 57 Air Account NO: FG-0536-E 58 Attachment: Z 59 Page: 23 of 2 4		
38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 6 Investigation Type: TATROPOR 51 52 53 54 55 56 4 Air Account NO: FG-0536-E 58 Attachment: Z 59 Page: 23 of 2 4		
39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 6 Investigation Type: FIATROPOR 56 57 Air Account NO: FG-0536-E 58 Attachment: Z 59 Page: 23 of 2 4		
40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 Investigation Type: TATROPOR 56 57 Air Account NO: FG-0536-E 58 Attachment: Z 59 Page: 23 of 2 4	1 1	
41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 Investigation Type: FTATROPOR 57 Air Account NO: FG-0536-E 58 Attachment: Z 59 Page: 23 of 2 4		
42 43 44 45 46 47 48 49 50 51 52 53 54 55 Investigation Type: TATROPOR 57 Air Account NO: FG-0536-E 58 Attachment: Z 59 Page: 23 of 2 4		
43 44 45 46 47 48 49 50 51 52 53 54 55 6 Investigation Type: FTATROPOR 57 Air Account NO: FG-0536-E 58 Attachment: Z 59 Page: 23 of 2 4		
44 45 46 47 48 49 50 51 52 53 54 55 Investigation Type: FATROPOR 57 Air Account NO: FG-0536-E 58 Attachment: Z 59 Page: 23 of 2 4		
45 46 47 48 49 50 51 52 53 54 55 Investigation Type: TAIR OPOR 56 Air Account NO: FG-0536-E 58 Attachment: Z 59 Page: 23 of 24		
46 47 48 49 50 51 52 53 54 55 6 Investigation Type: FTATROPOR 57 Air Account NO: FG-0536-E 58 Attachment: Z 59 Page: 23 of 2 4		
47 48 49 50 51 52 53 54 55 Investigation Type: TAIR OF CR 57 Air Account NO: FG-0536-E 58 Attachment: Z 59 Page: 23 of 24		
48 49 50 51 52 53 54 55 6 Investigation Type: FTATROPOR 57 Air Account NO: FG-0536-E 58 Attachment: Z 59 Page: 23 of 2 4		
49 50 51 52 53 54 55 Investigation Type: FAIR OF CR 57 Air Account NO: FG-0536-E 58 Attachment: Z 59 Page: 23 of 24		
50 51 52 53 54 55 6 Investigation Type: FTATROPOR 57 Air Account NO: FG-0536-E 58 Attachment: Z 59 Page: 23 of 24		
51 52 53 54 55 56 Investigation Type: FTATROPOR 57 Air Account NO: FG-0536-E 58 Attachment: Z 59 Page: 23 of 24		
52 53 54 55 56 Investigation Type: FLAIR OPOR 57 Air Account NO: FG-0536-E 58 Attachment: Z 59 Page: 23 of 24		
53 54 55 Investigation Type: FAIR OF Air Account NO: FG-0536-E 58 Attachment: Z 59 Page: 23 of 24		
54 55 56 Investigation Type: LAIR 000R 57 Air Account NO: FG-0536-E 58 Attachment: Z 59 Page: 23 of 2 4		
Investigation Type:   TAIR OPOR		
56         Investigation Type: PLAIROVOR           57         Air Account NO: FG-0536-E           58         Attachment: Z           59         Page: 23 of 2 4		
57       Air Account NO: FG-0536-E         58       Attachment: Z         59       Page: 23 of 24		Investigation Type: FIAIROPOR
58 Attachment: 2 59 Page: 23 of 24		Air Account NO: FG-0536-E
59 Page; 23 of 24		Attachment: Z_
	60	

Odor Description	:					
Offensiveness: Hi	ghly	Offensive	Unpleasan	nt Not	Unpleasant	
Weighted Average In	tensity:					
VS	S	M	L	VL	No Odor	

	VS	S	M	· L	VL	No Odor
1 Min	ाञ्चार । अध्यक्ष	J25VIII				
10 Min	Oly toring	AirAn				
1 Hour						

ege:

	•	.:	-	<u>,</u>	-	•	į		4	4 T	ingati;sasul
				-		-	٠.		-	:U	. ImpoxiA *!A.
<b></b>											A.fochment.
						<b>~</b> ` ' I	~				.ລຸກູຣ

Investigation Type: FIATROOR
Air Account NO: FG-0536-E
Attachment: 2
Page: 24 of 24

e •

Bryan W. Shaw, Ph.D., P.E., *Chairman*Toby Baker, *Commissioner*Jon Niermann, *Commissioner*Stephanie Bergeron Perdue, *Interim Executive Director* 



### TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

July 16, 2018

Mr. Mark Meadows Division Manager Republic Services Post Office Box 879 Fresno, Texas 77545

Re:

Compliance Evaluation Investigation at:

Blue Ridge Landfill, 2200 FM 521, Fresno, (Fort Bend County), Texas

Regulated Entity No.: 102610102, TCEQ ID No.: FG-0536-E, FOP No.: O-01472,

Investigation No.: 1483994

Dear Mr. Meadows:

On April 17, 2018, Mr. William Austin Jorn of the Texas Commission on Environmental Quality (TCEQ), Houston Region Office, conducted an investigation of the above-referenced facility to evaluate compliance with applicable requirements for air quality. No violations are being alleged as a result of the investigation.

The TCEQ appreciates your assistance in this matter and your compliance efforts to ensure protection of the State's environment. If you or members of your staff have any questions regarding these matters, please feel free to contact Mr. Jorn in the Houston Region Office at (713) 767-3715.

Sincerely,

Letasha Miller

Team Leader, Air Section Houston Region Office

LM/WAJ/ddc

11

cc: Mr. Burgess Stengl, Environmental Manager, Republic Services, Post Office Box 879

Fresno, Texas 77545

etosla Willi